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2nd SIMP-AAG-BCP Joint Multidisciplinary Research Festival Abstracts

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ANATOMY & PHYSIOLOGY

Effects of Stress on Academic Performances of Selected Grade 12 General Academic Strand Students in Bestlink College of the Philippines

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Abstract

Stress arises when the combination of internal and external pressures exceeds the individual's resources to cope with their situation. These critical years can also be undermined by depression, anxiety, and stress. Students who do not cope well with stress have an extremely drastic effect on their studies and behavior. The main aim of this study was to determine the effects of stress on the academic performance of the selected Grade 12 General Academic Strand students in Bestlink College of the Philippines, S.Y. 2019–2020. This study used a quantitative descriptive research design that will elaborate the recommendations to be taken by the effect of stress on academic performance. Purposive sampling was used to choose 50 General Academic Strand students to assess the effects of stress on their academic performance. Results showed that stress affected the academic performance of the students in terms of attendance with the weighted means of 3.61 for male respondents and 3.76 for female respondents, which had the same verbal interpretation of strongly agree. Written exams had a weighted mean of 3.70 for male respondents and 3.95 for female respondents, with the same verbal interpretation of strongly agree. Performance tasks had a weighted mean of 3.93 for male respondents and 3.95 for female respondents, with the same verbal interpretation of strongly agree. Stress affected the academic performance of the students in terms of attendance, written exam, and performance tasks. Stress is the body's reaction to a challenge. This research determined the effect of stress, thereby helping the students in finding a solution to their problems and helping them enjoy their schooling stress- and tension-free. Academic stress refers to the pressure related to their academics, including preparing for exams and class tests; completing schoolwork, homework, and project work; comprehending new concepts and terms; and making adjustments in a new social setting. Only academic aspects lead to academic stress among the students, but other aspects, such as environmental, social, and personal, may indirectly have negative effects on their academic career.

Keywords: stress

ARCHITECTURE

Central Luzon Integrated Transportation (Grand Terminal): A Project-Based Proposal

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Abstract

One of the largest problems in the Philippines is the daily heavy traffic jam, mostly in rush hours, particularly around cities in the Luzon area. Heavy traffic may consume a considerable time of every passenger who commutes in different ways, thereby consuming a considerable amount of money. To solve the problems mentioned above, Central Luzon Integrated Transportation (Grand Terminal) is planned to be located in places where it is congested and has a large number of customers to develop safe and rapid trips without hesitating of the location they want to arrive. The study used quantitative-experimental research to collect data and information crucial in constructing the said study and utilized a simple random sampling to gather respondents in assessing the level of acceptability of the Central Luzon Integrated Transportation (Grand Terminal). Using a questionnaire, the researchers surveyed to determine whether the proposed project is acceptable in terms of construction materials, accessibility, safeness, and overall project design. We constructed the template of the terminal for the better measurements of the floor plan, and we chose the construction materials to be accurately measured, cut, and made. Lastly, we created the design of the terminal to be presentable. The results in terms of construction materials, accessibility, safeness, and overall project design were acceptable as assessed by civil engineers and 4th-year Architecture students of Bulacan State University. This result indicated no significant difference between the assessments of two groups of respondents in terms of the cited variables. Meanwhile, civil engineers obtained an overall weighted mean of 2.73, which was interpreted as acceptable with a variance of 0.02233. Meanwhile, 4th-year Architecture students from Bulacan State University obtained an overall weighted mean of 2.93, which was interpreted as acceptable with a variance of 0.0203, a t-computed value of 2.21, and a degree of freedom of 17 (with a value of 2.567). Hence, t-computed is larger than the t-critical value. As a result, the assessment of the two groups of respondents was accepted. The subsequent discussions forwarded by the two groups of respondents are as follows: use LED lights to improve brightness outside the terminal and use wall paints instead of watercolors for a presentable appearance. With regard to accessibility, construct a proper space adjustment for buses and the proper location where the sign must be placed. In terms of safety to improve the design, maintenance and material, and compatibility of the terminal to the surrounding environment, researchers should pay additional time to the overall project design to ensure the high quality of the miniature and measurements for a presentable appearance of the miniature.

Keywords: Proposed Study, Central Luzon, Integrated Transportation, Grand Terminal

Proposed Underground Bus Terminal Miniature

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Abstract

One of the largest problems in the Philippines is the daily heavy traffic in EDSA, particularly during rush hours. One of the problems is the increasing number of terminals in EDSA and drop-off of passengers coming from long distances and drop-off passengers in the wrong lane. Thus, this situation starts the traffic or occasionally when they make a U-turn. This phenomenon has a considerable impact on the drivers. Quantitative research was used as the research design for the study. A purposive sampling technique was utilized to gather respondents in assessing the level of acceptability of the proposed underground bus terminal miniature. The instrument used in this study was a questionnaire. The researchers conducted a survey to determine whether the proposed project is acceptable in terms of the accuracy of the floor plan, uniqueness of design, appropriate construction materials, and presentation. The results of the study in terms of accuracy of the floor plan, the uniqueness of design, appropriate construction materials, and presentation were highly acceptable as assessed by electrical engineers and civil engineers. This result indicated no significant difference between the assessments of the two groups of respondents in terms of the cited variables. Meanwhile, electrical engineers obtained an overall weighted mean of 4.02, which was interpreted as highly acceptable with a variance of 4, while civil engineers obtained an overall weighted mean of 3.98, which was interpreted as highly acceptable with a variance of 2. The subsequent discussion forwarded by the two groups of respondents are as follows: add materials such as Styrofoam and paint, do not use bright colors for the design of the miniature, and pay more attention to doing the miniature to make it more accurate and precise according to the measurements.

Keywords: Underground, Accuracy, Appropriate, Construction Materials, Terminal, Unique

Proposed infrastructure Footbridge from Phase 10 B Bagong Silang to Tierra Benita San Jose Del Monte, Bulacan Rural Communities

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Abstract

One of the main problems of residence in Tierra Benita San Jose Del Monte, Bulacan is the daily cross in the dirty river from their place to Phase 10 B Bagong Silang and vice versa. The residents have difficulty in crossing the river even they live in it for a decade and more because of its flow. Occasionally, the river will get higher whenever Angat Dam lets out water. The river is also unclean and unsafe for the residence to cross. Quantitative research was used as the research design for the study while utilizing a population sampling to gather respondents in assessing the level of acceptability of the footbridge miniature. Using a questionnaire, the researchers conducted a survey to determine whether the proposed project is acceptable in terms of concept, structural design, constructing materials, and presentation. The results of the study in terms of construction materials, procedural methodology, mechanism, and presentation were highly acceptable as assessed by 5th-year Civil Engineering students and 4th-year Architecture students in Pamantasan ng Lungsod ng Maynila. This result indicated a significant difference between the assessments of the two groups of respondents in terms of the cited variables. The 5th-year Civil Engineering students obtained an overall weighted mean of 3.57, which was interpreted as highly acceptable with a variance of 0.0128. Meanwhile, 4th-year Architecture students obtained an overall weighted mean of 3.93, which was interpreted as highly acceptable with a variance of 0.0621. Both results had the t-computed value of 0.92 and a degree of freedom of 18, with a value of 0.05. The t-computed value is larger than the t-critical value. As a result, the assessments of the two groups of respondents were accepted. The subsequent discussions forwarded by the two groups of the respondents are as follows: refer to design guidelines and construction code that are applicable for the miniature, search more about the best materials as possible, and improve the presentation.

Keywords: Footbridge, Miniature, Structural design, Construction Materials, Infrastructure

Proposed Children's Clinic Miniature in Phase 4 Bagong Silang Caloocan City

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Abstract

At present, children can easily catch diseases such as dengue, fever, cough, asthma, and rashes. Researchers decided to build a medical clinic for children to have a doctor monitor the child's condition immediately. Having a close children's clinic is advantageous to parents because they can easily consult a physician when their child gets sick. The clinic is for children only because their health is more sensitive than that of adults. Thus, children can be contagious with serious diseases when they are taken to the clinic with adults. Quantitative research was used as the research design for the study. Purposive sampling was utilized to gather information from the respondents. Using a questionnaire, the researchers conducted a survey to determine whether the proposed project is acceptable in terms of concept, structural design, construction materials, and presentation. The results of the study in terms of concept, structural design, construction materials, and presentation are highly acceptable as assessed by 5th-year Civil Engineering students and 4th-year Architecture students from the Technological Institute of the Philippines. This result indicated no significant difference between the assessments of the two groups of respondents in terms of the cited variables. 5th-year Civil Engineering students obtained an overall weighted mean of 4.32, which was interpreted as highly acceptable with the z-score of 0.60. Meanwhile, 4th-year Architecture students obtained an overall weighted mean of 3.82, which was interpreted as highly acceptable with a z-score of 0.60; both have a standard deviation of 0.0275, a degree of freedom of 43 with a value of 0.22663, and the z-score was larger than the p-value. As a result, the assessments of the two groups of respondents are rejected. The subsequent discussions forwarded by the two groups of respondents are as follows. Use cutter, glue, glue stick, scotch tape, colored paper, paint, ruler, pencil, clay, plastic cover, and cardboard instead of plywood on the walls for a presentable appearance. Refer to different laws, design guidelines, and construction codes that apply to the miniature. Researchers should also pay additional time to the design and structural integrity to improve the project.

Keywords: Children, Healthcare, Clinic, Miniature

Proposed Circular Bamboo House Miniature

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Abstract

A circular bamboo house can minimize the use of traditional house sources. A natural material had a high strength-to-weight ratio useful structures. This material can include design elements that take advantage of the hurricane. Many bamboo houses have a house structure with capable materials to defend any nature attack, such as typhoons, due to their circular shapes. This study used an experimental research design to explain and evaluate the research project. Purposive sampling was also utilized, with two professional groups of respondents, that is, civil engineers and architects, who answered the following questions. This is the floor plan of the study where a bamboo house was installed on San Carlos, Negros Occidental for housing. This type of housing also uses frequency and percentage to summarize values and organize data (Hardy, 2019). The weighted mean was used to determine the average weight values (Gandi, 2019). t-Test was conducted to determine the significant difference between the means of the two groups (Kenton, 2019). We assessed the level of acceptability by using the Likert scale and determined the accuracy of the floor plan. Civil engineers obtained a composite weighted mean of 1.2, while architects obtained a composite weighted mean of 2.33. Hence, the results of civil engineers and architects are considered as least acceptable and moderately acceptable, respectively. In terms of the uniqueness of the design, civil engineers obtained a composite weighted mean of 1.4, while architects obtained a composite weighted mean of 2.33. Hence, the results of civil engineers and architects are least acceptable and moderately acceptable, respectively. In terms of appropriate construction materials, civil engineers obtained a composite weighted mean of 1.4, while architects obtained a composite weighted mean of 2.13. The results of civil engineers and architects were considered as least acceptable and moderately acceptable, respectively. In terms of availability in the market, civil engineers obtained a composite weighted mean of 1.55, while architects obtained a composite weighted mean of 2.25. The results of both groups were moderately acceptable. In terms of the inappropriateness of the materials used, we recommended the use of strong bamboo for a good project. For project demonstration, the miniature version should have colors for attraction. This study was acceptable based on the assessment of the two groups of respondents. On the basis of the conclusions drawn, researchers tended to apply the respondents` recommendations to make the product presentable and be helpful for future researchers. Bamboo houses minimized the use of traditional house sources with useful structures having a high strength-to-weight ratio.

Keywords: circular bamboo house, miniature

Proposed Public Library in Barangay Baesa, Quezon City

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Abstract

People mostly rely on the Internet to gather information, but the resources on the Internet are occasionally unreliable, invalidated, and limited. Meanwhile, libraries have legitimate and reliable information that can be trusted. Researchers intended to propose a public library in Barangay Baesa to expose its potential worker and learner in a library that is located near the schools and communities of researchers, enrich and nourish educative library, and ensure an effective quality of learning. This study used quantitative research methods of the study. Survey questionnaires were answered by the two groups of respondents, including 10 4th-year Civil Engineering students and 10 4th-year Architecture students. This questionnaire consists of three parts. Part 1 includes the profile of the respondents in terms of name, age, gender, and year/course. Part 2 of the questionnaire used the Likert scale to assess the level of acceptability of the miniature in terms of concepts, designs, feasibility, and presentation. Lastly, part 3 of the questionnaire consists of suggestions and recommendations of the two groups to improve the project. The statistical tools used are relative frequency, weighted mean, t-test, and p-test. As a result, no significant difference was observed between the assessments of the two groups of the respondents. The composite mean of 4.36, which was interpreted as highly acceptable (HA) was observed for the response of the Civil Engineering students. Meanwhile, the Architecture students obtained a total response of 4.43, which was interpreted as HA, with a variance of 0.047, a t-computed of 3.723, and a degree of freedom of 13 with a value of 1.771. The t-critical value was larger than the t-computed value. Therefore, the assessments of the Civil Engineering students are accepted. As a result, the assessments of the two groups of respondents is accepted. The researchers encountered problems such as time management, lack of financial expenses, and constructing the miniature but made the study successful. On the basis of the findings of this study, 4th-year Civil Engineering students and 4th-year Architecture students highly accepted the public library miniature. This study is recommended due to its convenience and effective learning that will benefit the citizens around the community.

Keywords: miniature, civil engineering, architecture, concept, design, feasibility, presentation, public library

Reconstruction Proposal of Clark Airbase Hospital

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Abstract

One of the problems in the Philippines is the lack of health facilities. Clark Airbase Hospital is extremely usable during World War 2 and Vietnam War. The researchers want to help the Philippines reconstruct the hospital for the healthcare needs of Filipinos. In this study, the researchers constructed a miniature of Clark Airbase Hospital to determine the level of acceptability. Quantitative research was conducted for the design of the study while utilizing a purposive sampling to gather respondents in assessing the level of acceptability of the Clark Airbase Hospital miniature. Using a questionnaire, the researchers conducted a survey to determine whether a proposed project is acceptable in terms of concept, design, feasibility, and presentation. The results of the study in terms of concept, design, feasibility, and presentation are highly acceptable as assessed by STEM teachers and the architect. This result indicated no significance between the assessments of the two groups of respondents in terms of the cited variables. The STEM teachers obtained an overall weighted mean of 4.26, which was interpreted as acceptable with a variance of 0.00621. Meanwhile, the architect obtained an overall weighted mean of 3.61, which was interpreted as highly acceptable with a variance of 0.0019. Both groups had a t-computed value of 1.44, a degree of freedom of 8 with a value of 2.89646, and a larger t-computed value than t-critical. As a result, the assessments of the two groups of respondents are accepted. The subsequent discussion forwarded by the two groups of respondents is as follows: innovate the design, improve neatness, and finish the work. The researchers need to pay additional time to construct the Clark Airbase Hospital.

Keywords: reconstruction, hospital

Proposed Public Park in Japan Rizal Street, Marikina City

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Abstract

A park benefits the community; it creates a place for recreational activities, benefits the environment, and improves the quality of life of the residents. This study aims to develop and construct a miniature of the park in Marikina City. This study used quantitative research to measure data by using a numerical system and statistical treatment (Alfieri, 2015). The researchers gathered data by using conventional sampling on 10 Civil Engineering students and 10 Architecture students from the University of the East Caloocan. The researchers utilized a t-test to analyze the significant difference between the two groups of the data gathered. In terms of the level of acceptability of the two groups of respondents, the Civil Engineering Students obtained 4.50, which was interpreted as very highly acceptable, and Architecture students achieved 4.23, which was interpreted as highly acceptable. The data of the two respondents reject the null hypothesis of the study, with a t-computed value of 2.38 and a t-critical value of 1.73. The researchers experienced different difficulties and problems while conducting the research, such as lack of tools and equipment, time management, and small designs. The results showed that the levels of acceptability of the two groups were very highly acceptable and highly acceptable. Hence, rejecting the null hypothesis concluded that the study is significant.

Keywords: park, miniature, civil engineering, architect

Proposed Evacuation Center in Baliuag, Bulacan

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Abstract

Evacuation centers vary but are generally large facilities that can accommodate people in transition due to an emergency. Often, evacuation centers are school gyms, churches, or other community buildings that have room for people to sleep, generally on cots, and have adequate bathroom facilities. Several evacuation centers will provide laundry services, but not all do. Evacuation centers have bathrooms and showers, but they generally have no private rooms or secured areas. The centers are meant to be temporary shelters. Meals are provided in all evacuation centers. The researchers aim to build a miniature proposed evacuation center in Baliuag, Bulacan in times of calamities and disasters to ensure the safety of families. This study used a quantitative research design. The researchers also utilized the survey questionnaire for Architect students. Meanwhile, Civil Engineering students assess the level of acceptability of the proposed evacuation center in Baliuag, Bulacan. The obtained overall weighted mean of 4th-year Architecture students was 3.44, with a variance of 0.061143, T-computed value of 0.55, a degree of freedom of 28, a T-critical value of 0.267, which was smaller than the T-computed value. Therefore, the assessment of the 4th-year Architecture students is accepted. The obtained overall weighted mean of the Civil Engineering students was 3.52, with a variance of 0.06800, a T-computed value of 0.55, a degree of freedom of 28, a T-critical value of 0.267, which was less than the T-computed value. Therefore, the assessment of the Civil Engineering students is accepted. The researchers decided to change the materials from cardboard to Sintra board as the respondents suggested to make it durable and affordable. The researchers also changed the design of the miniature according to the construction codes. The researchers also changed the design to improve quality and function. Lastly, the researchers must follow exact and accurate measurements to make the miniature presentable.

Keywords: quantitative, evacuation center

Windmill as Water and Energy Source from Underground

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Abstract

At present, water supply is a huge problem for several families and individuals in the Philippines. Several families cannot afford clean water from our nature, thereby leaving them no choice to use polluted water. Using polluted water can cause diseases, contribute to pollution, and cause death. In addition to having a price hike of water, the water supply in the country continues to decrease. This study focuses on using an improvised windmill as the main component of the water supply. The mentioned windmill will able to supply water for us, which is found in the underground that can be used drinking water and cleaning purpose. This study utilized quantitative research methods of the study. Purpose sampling is composed of 10 mechanical engineers and 10 electrical engineers. The instrument used in this study was a questionnaire. Part 1 of the questionnaire included the profile of the respondents, while part 2 of the questionnaire consisted of the criteria in assessing the acceptability of windmill as a water and energy source. Part 3 of the questionnaire consisted of suggestions formulated by the respondents to test the acceptability of the windmill. The questionnaires were distributed to the respondents to assess the level of acceptability of the windmill. The researchers decided to use windmill as the main water supply and source of water and energy. The windmill can supply water and energy of capacity to store manures. After conducting a considerable number of trial-and-error, the researchers conducted an extensive reading and concluded that the water supply was improved. The researcher had to use a windmill. The researchers conducted a test to determine whether the water supply is enough, and it came from a windmill that can handle a water supply. Windmill is one of the high-quality water supplies that are being used for waters.

Keywords: energy, water, windmill

Proposed Renovation of Metropolitan Theater as Metropolitan Museum

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Abstract

One of the main problems of the Philippines is old places or historical places, that is, how to make it classical in the order of the design and make it usable for everyone. The researchers want to help the Philippines to renovate the Metropolitan Theatre into Metropolitan Museum for its beautification. This study was conducted to construct a miniature of the Metropolitan Museum to determine the level of acceptability. Quantitative research was used as the design for the study while utilizing a purposive sampling to gather respondents in assessing the level of acceptability of the Metropolitan Museum miniature. Using a questionnaire, the researchers conducted a survey to determine whether a proposed project is acceptable in terms of design, feasibility, and presentation. The results of the study in terms of concept, design, feasibility, and presentation were highly acceptable as assessed by STEM teachers and architects. The results indicated no significance between the assessments of the two groups of respondents in terms of the cited variables. Meanwhile, STEM teachers obtained an overall weighted mean of 4.29, which was interpreted as acceptable, with a variance of 0.0324. Architects obtained an overall weighted mean of 3.65, which was interpreted as highly acceptable, with a variance of 0.0014. STEM teachers and architects had a T-computed value of 1.51 and a degree of freedom of 8 with a value of 2.89646. The t-computed value was larger than the t-critical one. As a result, the assessment of the two groups of respondents was accepted. The subsequent discussion forwarded by the two groups of respondents is as follows: use colors and add paintings and additional lights. The researchers need to pay attention to finish the project study well.

Keywords: metropolitan museum

Proposed Miniature of Underwater Highway Tunnel from Malay Aklan to Boracay Island

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Abstract

Boracay is one of the world's top tourist destinations in the Philippines because of its beautiful white sand beach. Every year, thousands of local tourists and foreigners go to Boracay to visit and enjoy the beautiful view of the beaches covered with white sands and coral reefs. Boracay is 345 kilometers away from the south of Manila. It is an island located in the province of Aklan that is 7 kilometers long and 1 kilometer wide. Boracay is also famous for being one of the world's top destinations for relaxation. However, to go to Boracay, you need to ride a ship or rent a boat, which costs considerable money and time to go to the island and vice versa. Hence, researchers proposed a way to have transportation by constructing an underwater highway tunnel. The research method of the design utilized in this research is quantitative analysis. The participants of the study were limited to 10 5th year graduating Architecture students and 10 5th year graduating Civil Engineer students who assessed the level of acceptability of the proposed underwater tunnel highway in Malay, Aklan to Boracay Island in terms of concept, design, realistic aspect, and presentation. The assessment of the two groups of respondents obtained the composite means of 4.2 for the response of Architecture students, which was deemed as highly acceptable, and 4.3 for the response of Civil Engineering students, which was highly acceptable. In terms of concept, Architecture students obtained a value of 4.2, which was interpreted as highly acceptable. Engineering students obtained a value of 4.3, which was interpreted as highly acceptable. In terms of design, Architecture students obtained a value of 4, which was interpreted as acceptable, while Engineering students achieved a value of 4.2, which was interpreted as highly acceptable. In terms of the realistic aspect, Architecture students obtained a value of 4.4, which was interpreted as highly acceptable, while Engineering students achieved a value of 4.2, which was interpreted as highly acceptable. In terms of presentation, Architecture students obtained a value of 4.6, which was interpreted as highly acceptable, while Civil Engineering students achieved a value of 4.4, which was interpreted as highly acceptable. The results showed that the project can be improved, as follows: the materials must be improved to become increasingly durable, and the miniature must be stable to be used in case of emergencies, such as flood and earthquake. The design must also be improved for it to be increasingly realistic.

Keywords: underwater highway tunnel

Proposed Model of Rescue Chopper for Calamity Victims

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Abstract

In today's modern age, incidents arise fast, and we do not know where or when they will happen. Incidents are either accidents or intentional. In this project, we increased the seating capacity of a chopper from four seats to six seats. We also improved the size, and we placed a recovery room at the back. We also made it a high-quality rescue chopper. Quantitative research was used as the research design for the study while utilizing a purposive sampling to gather respondents in assessing the level of acceptability of the Subway Metro miniature. Using a questionnaire, the researchers conducted a survey to determine whether the proposed project is acceptable in terms of construction materials, procedural methodology, mechanism, and presentation. The results of the study in terms of concepts, designs, mechanism, and presentation are highly acceptable as assessed by professional computer/electrical engineers. The results indicated no significant difference between the assessments of the two groups of respondents in terms of the aforementioned variables. Computer engineers obtained an overall weighted mean of 3.96, which was interpreted as highly acceptable, with a variance of 0.0176, a t-computed value of 1.27, and a degree of freedom of 8 with a value of 3.355. The t-computed value was lower than the t-critical value. Therefore, the assessment of computer engineers is acceptable. Meanwhile, electrical engineers obtained an overall weighted mean of 3.75, which was interpreted as highly acceptable, with a variance of 0.1017, a t-computed value of 1.27, and a degree of freedom of 13 with a value of 8. The t-computed value was larger than the t-critical one. Therefore, the assessment of electrical engineers is acceptable. The subsequent discussions forwarded by the two groups of respondents are as follows: In terms of concepts, the respondents recommended improving construction materials. The researchers should buy creative materials that are suitable and accessible to the miniature. For designs, the respondents said that the procedures were correctly followed. For mechanism, some of the respondents recommend making it more detailed and shows the step-by-step process. The researcher should make a clear and detailed process according to the procedure or floor plan. Lastly, for presentation, the respondents recommended adding other features that can be seen around the miniature. The researcher should add features to make it increasingly attractive and presentable.

Keywords: rescue chopper, health care, calamity victims

Proposed Model of Mini Bus Hospital

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Abstract

Some of the top problems of our country are health issues and lack of medical assistance and services, which cause poverty, especially in areas from hospitals. People suffer from extremely hectic transportation that affects a patient, especially when they came from a rural community. In this study, researchers decided to construct a miniature of a minibus hospital to determine the level of acceptability. Quantitative research was used as the research design for the study. Purposive sampling was used to gather the information of respondents. Using a questionnaire, the researchers conducted a survey to determine whether the proposed project is acceptable in terms of concept, usability, construction materials, and presentation. The results of the study in terms of concept, usability, construction materials, and presentation are highly acceptable, as assessed by mechanical engineers and intern doctors. Results indicated no significant difference between the assessments of the two groups of respondents in terms of the cited variables. This result showed a significant difference between assessments. The difference between the two groups of respondents was not significant. Meanwhile, mechanical engineers obtained an overall weighted mean of 4.65, which was interpreted as very highly acceptable, with a variance of 0.32, a t-computed value of 1.029, and a degree of freedom of 13 with a value of 3.012. The t-computed value was larger than the t-critical one. Therefore, the assessment of mechanical engineers is accepted. Meanwhile, intern doctors obtained an overall weighted mean of 4.29, which was interpreted as highly acceptable with a variance of 0.41, a t-computed value of 1.029, and a degree of freedom of 13 with a value of 3.012. The t-computed value was larger than the t-critical one. Therefore, the assessment of intern doctors is accepted. The subsequent discussions forwarded by the two groups of respondents are as follows. In terms of the concept, several respondents suggested having considerable improvements and study. In terms of usability, several respondents recommended having a CT scan. With regard to construction materials, several respondents suggested to have a wide space for the emergency room. With regard to presentation, several respondents recommended being consistent on some measurements to improve the appearance of the miniature.

Keywords: minibus hospital

Renovation of Aduana Building to La Intendencia Hotel Restaurant in Intramuros Manila: A Proposed Project Miniature

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Abstract

The Aduana building is one of the most memorable and historical structures in the Philippines; it was the seat of government and political power when the Philippines was a component realm of the Spanish Empire. However, this building was destroyed when The Battle of Manila in 1945 ruined everything in Intramuros because the Japanese Imperial Army used this place to make their last stand against the allied soldiers and Filipino guerrillas. The renovation of the Aduana building to La Intendencia Hotel Restaurant. This study aimed to reconstruct and innovate the historical structure to be utilized for the government and netizens. This building was renovated into a hotel restaurant to benefit a large, unused building in the country. The instrument used to assess the level of acceptability of our study was a survey questionnaire, and the participants were 10 4th-year Architecture students and 10 5th-year Civil Engineering students. We computed the data using statistical treatment by getting the percentage and the relative frequency of the respondents, average weighted mean, and t-test. The assessments of the two groups of respondents with regard to the concept of the miniature of the Aduana Building to La Intendencia Hotel Restaurant showed that Architecture students obtained 3.66, which was interpreted as highly acceptable, and Civil Engineering students obtained 3.48, which was interpreted as highly acceptable. With regard to the structural design, Architecture students obtained 3.44, which was interpreted as highly acceptable, and Civil Engineering students obtained 3.50, which was interpreted as highly acceptable. In terms of feasibility, Architecture students obtained 3.72, which was interpreted as highly acceptable, and Civil Engineer students achieved 3.57, which was regarded as highly acceptable. In terms of presentation, Architecture students obtained 3.68, which was regarded as highly acceptable, and civil engineer students achieved 3.54, which was interpreted as highly acceptable. The two groups of respondents obtained an overall weighted mean of 3.62, which was regarded as highly acceptable for Architecture students, and 3.54, which was interpreted as highly acceptable for Civil Engineering students. The result showed that the project can be improved by putting a parking area on the building, adding floors in the building, using hard materials such as steel instead of wood on the terrace, and improving the interior and exterior designs.

Keywords: hotel restaurant

Visual Presentation of Guerilla Museum in Corregidor Island, Philippines: A Proposed Miniature

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Abstract

The Guerilla Museum was a proposed structure to demonstrate Guerrillas who waged their lives on battlefields when Filipinos were colonized by the conquerors. This museum shows the historical events and conserves a collection of artifacts and objects that are of artistic, cultural, and historical importance. Many museums in the Philippines make these items available for public viewing through exhibits that may be temporary or permanent. The Guerilla Museum has reintroduced the history, which is located at Corregidor Island. It has foreseen the inputs and outputs of historical description, and it was decided to construct an architectural museum in which the city can offer its cultural and architectural diversity most comfortably and correctly. The Guerilla Museum, which is the symbol of the indigenous historical aspects, is considered as a metaphor and physical attribute of the interior design, and the Eagle in the roof is visualized as the bravery of Filipinos when it was being built. The research method of design utilized in this project was quantitative analysis. The participants of the study were limited to 15 Architecture students and 15 Civil Engineer students who assessed the level of acceptability of the visual presentation of the Guerilla Museum at Corregidor Island, Philippines: A proposed miniature. The assessment of the two groups of respondents obtained a composite mean of 3.93, which was regarded as highly acceptable in response of Architecture students, and 4.05, which was interpreted as highly acceptable in terms of the response of Civil Engineer students. In terms of concept, Architecture students obtained 3.93, which was interpreted as highly acceptable, and engineer students achieved 4.00, which was interpreted as highly acceptable. In terms of the design, Architecture students obtained 3.85, which was interpreted as acceptable, and engineer students achieved 4.30, which was interpreted as highly acceptable. In terms of the feasibility aspect, Architecture students obtained 4.05, which was interpreted as highly acceptable, and engineer students achieved 4.05, which was interpreted as highly acceptable. In terms of presentation, Architecture students obtained 4.13, which was interpreted as highly acceptable, and Civil Engineer students achieved 4.05, which was interpreted as highly acceptable. The results showed that the project can be improved as follows: (1) the strength of the materials must be accurately used, (2) the researchers should apply the concept of basic architecture and use the Code of Ethics to manipulate the appearance of the museum, and (3) the researchers must improve the interior design.

Keywords: museum

Miniature of Proposed Train from Cubao to Baguio

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Abstract

This study aimed to construct a train and aimed to determine the materials to be utilized in constructing the proposed train in terms of weight, pressure, and damage. The procedures are taken to constructing miniature and experience while the problems encountered in the process of constructing proposed train. It can be the most economical and can attain the expected output and certain requirements for the construction of the proposed train. In this study, one of the problems encountered during the process is that the proposed train cannot sustain the battery. The measurement of the stainless and inaccurate location of the electric wire are also problems that are faced. This study is necessary to give the readers and other future researchers knowledge and importance of the proposed train. Reading the content will also give the readers or the future researchers the important details such as how the train was constructed and the results and discussions. Quantitative research was the type of empirical investigation used. When the product was done, the researchers surveyed the two groups of respondents, including five Mechanical Engineer teachers and five Electrical Engineering teachers. The collected data was processed using statistical tools and used to answer the statement of the problem. Through the data gathered, the researchers found out the following. The two groups of respondents assessed the level of acceptability by using the Likert scale and obtained the results in terms of concept, structural design, feasibility, and presentation. The values for mechanical and electrical engineer teachers were 2.11 and 2.01, respectively, which were interpreted as acceptable. Results stated that the use of stainless as the main material for constructing the miniature achieved the expectation. The respondents suggested that the researchers should improve the train and avoid expensive materials. Adding additional pieces and lights for the train may also result in increased attractiveness to the project. The study showed that the correct materials can achieve the expectation such as the toughness and quality of the project. The study also showed that the proper handling of funds, proper methods, and a correct floor plan can lead to the success of the project.

Keywords: proposed train

General Outlook of London Tower Bridge Miniature

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Abstract

London Tower Bridge is a combined bascule and suspension bridge that was built between 1886 and 1894. The bridge crosses the River Thames, which is close to the Tower of London and has been an iconic symbol of the said place. This tower bridge is occasionally confused with London Bridge, which is situated approximately 0.5 miles (0.80 km) upstream. London Tower Bridge is one of the five London bridges that are now owned and maintained by the Bridge House Estates, which is a charitable trust overseen by the City of London Corporation. Quantitative analysis was the research method of design utilized in this study. The participants of the study sampled 10 Science, Technology, Engineering, and Mathematics teachers and 10 4th-year Civil Engineering students who assess the level of acceptability in terms of the floor plan, procedural methodology, construction materials, and presentation by using a t-test. The distinguished findings of the study in terms of the floor plan, procedural methodology, construction materials, and presentation were highly acceptable. The assessment of the two groups of respondents showed no significant difference in the level of acceptability. To make a clean floor plan, the floor plan and miniature must have an accurate measurement, the construction materials, such as cement or bricks, are durable. Results showed that the project can be improved as follows: the project as floor plan needs to include the exact measurements and details, durable materials such as cement/bricks should be added, DC motors with gear materials should be used to support the durability of the project, use an appropriate pencil should be used, and wirings should be hidden.

Keywords: general outlook, London Tower Bridge

Multipurpose Chair for Student

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Abstract

In today's world, many students have difficulty going to school because of their heavy bags. Thus, the researchers decided to build a multipurpose chair to help students with heavy bags, especially those living far from the school. This multipurpose chair is available for grad school, high school, and college students. The multipurpose chair has benefits for parents because it reduces their children's anxiety over the many school items their child brings to school. the multipurpose chair will also benefit the students. Therefore, the result of this study will help the parents and students to solve their problems. A purposive sampling technique was used to choose respondents. Using a questionnaire, the researchers conducted a survey to determine whether the proposed project is acceptable in terms of concept, feasibility, construction materials, and presentation. The results of the study in terms of concept, feasibility, construction materials, and presentation are highly acceptable, as assessed by STEM teachers and students of Bestlink College of the Philippines. Results indicated no significant difference between the assessments of the two groups of respondents in terms of the cited variables. Meanwhile, the STEM teachers obtained an overall weighted mean of 4.25, which was interpreted as highly acceptable with a variance of 0.0119. Meanwhile, the STEM students obtained an overall weighted mean of 4.21, which was interpreted as highly acceptable with a variance of 0.0034. Both groups had a t-computed value of 0.66 and a degree of freedom of 18 with a value of 1.73. The t-computed values of both groups were also larger than the t-critical ones. As a result, the assessments of the two groups of respondents were accepted. The subsequent discussions forwarded by the two groups of respondents are as follows: use fly wood, cutter, stikwel, wood, shoe glue, sandpaper, nail hammer, and varnish; refer to different laws, design guidelines, and construction codes that apply to the miniature; and researchers have to pay time on the design and cabinets to improve the project.

Keywords: multipurpose chair

Proposed Private Nursery and Elementary School Miniature in Galas, Valenzuela City

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Abstract

School is for children and adults. It keeps us learning more and knowing small things in this world. School improves children's reading and writing skills and helps them socialize at a young age. To modify the school for children, the one is nursery, and the other one is elementary. We proposed placing nursery and elementary school in one building to avoid children feeling out of place in their new school and new environment; we build it in Galas, Valenzuela City. The research method of design utilized in this study was quantitative analysis. The participants of the study were limited to five Architecture students and five Civil Engineering students who assessed the level of acceptability of the proposed private nursery and elementary school in Galas, Valenzuela City in terms of concept, structural design, feasibility, and presentation. The assessment of the two groups of respondents obtained the composite mean of 3.8, which was interpreted as highly acceptable in terms of the response of Architecture students and 3.8 interpreted as Highly Acceptable in terms of concept Architecture students got 4.2 as Highly Acceptable and Civil Engineering students got 4.3 interpreted as Highly Acceptable followed by Structural design, Architecture students got 4 interpreted as highly acceptable and Civil Engineering students got 4.15 interpreted as highly acceptable. In terms of feasibility, Architecture students obtained 3.8, which was interpreted as highly acceptable, and Civil Engineering students achieved 3.7, which was interpreted as highly acceptable. In terms of presentation, Architecture students obtained 3.5, which was interpreted as highly acceptable, and Civil Engineering students achieved 3.3, which was interpreted as acceptable. The results of this study showed that this proposal needs to improve to make it useful in the community to reduce the number of students who will not be safe along their way to school and in any place. This is why it would be more appealing than previous research topics.

Keywords: private nursery, elementary school

Proposed Project Miniature of Space Shuttle Launchpad in Palau, Sarangani

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Abstract

Every space shuttle mission began with a fiery liftoff from the launchpad. If the launchpad demonstrated anything, it would be complicated for the launchpad areas that handled the shuttles for about a month before they made their trips into space. Outfitted with everything a spacecraft and its crew would need to take the final leap into space, the pads handled fueling duties and crew support, and held precision machinery for a range of payload. Our country's location near the equator makes us a prime candidate for being the go-to rocket launch site for all the world's space agencies. Given our nascent space program, it is possible to design increasingly powerful rockets to cope with ever-increasing payload demands, but the cost of designing and rolling out new rockets is a slow and expensive process. However, this study can take advantage of the Earth itself to send a rocket into orbit; it is merely a matter of finding the right location, and the Philippines is a good spot for this purpose. This study aims to provide and develop a space shuttle launchpad in Palau, Sarangani for international space flights and international cooperation and become a tourist destination. Astronomers and mechanical engineers highly accepted the Space Shuttle Launchpad miniature. The difference between the assessments of the two groups of respondents in terms of the cited variables was not significant. The problems encountered by the researchers interfered in the construction of the miniature. The suggestions and recommendations forwarded by the respondents are important to improve the project. The respondents recommended that the researchers should pay more time to the mechanism for quality functions. Be consistent on several measurements for a presentable appearance of the miniature.

Keywords: space shuttle launchpad

Proposed Water Recycling System

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Abstract

Water is one of the vital needs of people for survival. In the Philippines, water usage increases up to 91% of its estimated 100.7 million population with access to basic water services. The researcher aimed to construct equipment or system that will allow the extraction of used water from restrooms, sinks, and garage drainage that can be used again for other cleaning purposes, such as cleaning vehicles, watering the garden, etc. The researchers constructed a miniature water recycling system to determine the level of acceptability. Quantitative research was used as the research design. A purposive sampling technique was used to choose respondents. Using a questionnaire, the researchers conducted a survey to determine whether the proposed project is acceptable in terms of presentation, the material used, and the quality of the filtration system. The results of the study in terms of presentation, the material used, and the quality of the filtration system were acceptable, as assessed by a plumber and 4th-year mechanical students of Sto. Thomas University. The results indicated no significant difference between the assessments of the two groups of respondents in terms of the cited variables. The plumber obtained an overall weighted mean of 2.19, which was interpreted as moderately acceptable, with a variance of 0.0052. Meanwhile, 4th-year Mechanical Engineering students obtained an overall weighted mean of 2.93, which was interpreted as acceptable, with a variance of 0.0189. Both groups had the t-computed value of 0.831 and a degree of freedom of 18 with a value of 1.734. The t-computed value was larger than the t-critical one. As a result, the assessments of the two groups of respondents were accepted. The subsequent discussions forwarded by the two groups of respondents are as follows: use hose instead of a PVC pipe to be used on the tube and act as a conductor for a presentable appearance; refer to different laws, design guidelines, and construction codes apply to the miniature; and researchers should pay more time on the material used for higher quality functions.

Keywords: water, construct, recycling system

Miniature of Proscenium Towers with Skybridge in Makati City

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Abstract

Sky Bridge consisted of the enclosed or covered bridge that will connect the four residential towers of the Proscenium towers. It will be placed on the middle floor of each tower to be equal. The purpose of the sky bridge is to provide easy access to each tower of the Proscenium Towers because most of the floors in these buildings consist of companies, and it has state-of-the-art amenities. The center of the sky bridge will also have a nice view of the city from halfway to the building. One common problem of the people in these towers is the distance of one tower to another tower. People are having a hard time going to another tower, especially if the weather is poor. The tower is far from each other. Hence, the people need to walk a long way to go to another tower. It is not also applicable to people who are in a hurry. Quantitative analysis was the research method design utilized in this study. The participants of the study consisted of five Civil Engineering students and five Architecture students. The levels of acceptability, concept, design, feasibility, and presentation were assessed using a t-test. The findings of the study in terms of concept, design, feasibility, and presentation were acceptable. The assessment of the two groups of respondents did not show any significant difference in terms of the level of acceptability. The results of this study showed that the project can be improved as follows: the measurement of the floor plan should be accurate to the actual measure of Proscenium Towers, and materials that can add to the lifespan of the miniature and make the miniature more detailed should be added. The researchers have decided to make a sky bridge at the Proscenium Towers. The whole area of Proscenium Towers measures 3.6 hectares consisting of 4 towers. The whole area is excessively large, and the towers are extremely high. Hence, the researchers decided to change the width of the whole area to 22 cm. For each floor of the towers, the researchers decided to make it 1 cm long in height and 5 cm in width. For bridges, the width was 1.5 cm, and 2.2 cm was added for the walls. The center is 11 cm, and the radius is 5.8 cm. Lastly, for the connecting bridges, the researchers decided to make it to 8.6-cm long

Keywords: proscenium towers, sky bridge

Innovation of Transponder Malabrigo Lighthouse

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Abstract

This study aims to innovate the historical structure of Malabrigo Lighthouse in Lobo, Batangas. The researchers encountered several problems, one of which is how the respondents assess the level of acceptability in terms of concept, structural design, feasibility, and presentation. The study is necessary to provide the readers and other future researchers the knowledge and importance of construction. The contents will also give the readers or future researchers important details, such as how the miniature is constructed and the results and discussions. The researchers had conducted a floor plan and a template, which are necessity for the project, followed by the formulation of methods as a guide on how the researchers add an innovation to the Malabrigo Lighthouse. Lastly, the researchers discussed and tried several materials to achieve the most suitable for the project. The chosen materials were used to produce the miniature. When the product was done, the researchers conducted a survey questionnaire and surveyed two groups of respondents, including 10 4th-year Architecture students and 10 5th-year Civil Engineering students. The collected data were processed using statistical tools and used to answer the statement of the problem. After the data were gathered, the researchers found out that the results in terms of concept, structural design, feasibility, and presentation were 4.19 for 4th-year Architecture students, which was interpreted as highly acceptable, and 4.05 from the 5th-year Civil Engineering students, which was interpreted as highly acceptable. The data gathered showed no significant difference between the two groups of respondents in terms of the aforementioned variables. The results of this study showed that Malabrigo Lighthouse should be innovated to modernize, should have large accommodations in the coastal areas, and should be preserved. This is why it would be more captivating research topic.

Keywords: lighthouse

Glass Crushing Machine: An Alternative Way of Recycling Glass Waste

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Abstract

Broken glass is one of the common household problems. Glass is extremely fragile and can be easily broken down. Once a glass breaks, its shards will end up in the dump side, trash, or streams. 10.2 million tons of glass wastes are collected per year according to Waste 360. The lack of construction materials, especially sand, should also be addressed. This waste can also be harmful. This study focuses on making a machine that can recycle glass waste into constructional sand, that is, a glass-crushing machine. Recycling glass waste as an alternative to constructional sand will lessen the solid waste problem, decrease the market price of constructional sand, and increase its compressing strength. This study utilized quantitative research methods of the study. Purposive sampling included two groups of respondents composed of 10 mechanical engineers and 10 electrical engineers. The instrument used in this study was a questionnaire. Part 1 of the questionnaire included the profile of the respondents in terms of name, age, and position. Part 2 of the questionnaire consisted of criteria in assessing the acceptability of a glass-crushing machine in terms of usefulness, efficiency, safety, and competitiveness. Part 3 of the questionnaire consisted of suggestions formulated by the respondents to test the acceptability of the machine. The researchers decided to use a 775 torque motor as the main component of the crushing machine. The researchers can make the machine much more efficient and innovative by using cheap materials. The first construction of the glass-crushing machine ended with a failure due to time management and lack of financial support to purchase the materials will be used to buy materials After the first trial, the researchers made an extensive reading and research to study on how the machine will build properly. Using the recommendations and suggestions of the respondents, in the study, the researchers came up with a good plan. The researchers ended with a much more innovative and efficient design. Despite all the trials and errors, the researchers made the machine usable and efficient.

Keywords: glass waste, constructional sand, machine, crush

Eco-Green Public Hospital in San Roque City, Northern Samar: A Project-Based Proposal

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Abstract

Hospitals play a large part in our life. It cures our illness. Many hospitals are built around the cities where fresh air is lacking. Fresh air is the most important thing that is needed by every human, especially patients during their healing process. Hence, this study aimed to build a miniature of an eco-green public hospital in San Roque City, Northern Samar to determine the level of acceptability. Quantitative research was used as the research design for the study while utilizing a random sampling to gather respondents in assessing the level of acceptability of the Eco-Green Hospital miniature. Using a questionnaire, the researchers surveyed to determine whether the proposed project is acceptable in terms of feasibility, structural design, concept, and presentation. The results of the study in terms of feasibility, structural design, concept, and presentation were highly acceptable, as assessed by graduating Architecture students and Civil Engineering students. Results indicated no significant difference between the assessment of the two groups of respondents in terms of the cited variables. Graduating Architecture students obtained an overall weighted mean of 3.75, which was interpreted as highly acceptable with a variance of 0.008. Meanwhile, the graduating Civil Engineering students obtained an overall weighted mean of 3.65, which was interpreted as highly acceptable with a variance of 0.009. Both groups had a t-computed value of 2.5 and a degree of freedom of 28 with a value of 2.763. The t-computed value was less than the t-critical one. As a result, the assessments of the two groups of respondents were accepted. The subsequent discussions forwarded by the two groups of respondents are as follows: use cheaper and durable materials on the walls to improve the appearance, add colors on the building that will complement with green scenery of the garden, and read more about plants that can be used in the hospital.

Keywords: hospital

Solar Panels on Monument of Quezon Memorial Circle Miniature

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Abstract

Nowadays, electricity is one of the most crucial problems in our society. The taxes that we pay for the government is insufficient to solve all problems in our community. Hence, we thought if we have a renewable source of electricity the Government of Quezon City will have benefits, and they will save money and help our environment by reducing the use of electricity instead of paying electric bills monthly for the monument of the Quezon City memorial circle. A solar panel is a collection of solar cells. Many small solar cells spread over a large area can work together to provide enough power to be useful. The more light that hits a cell, the more electricity it produces. Therefore, it is designed to absorb sunlight as a source of energy to generate direct current electricity. The Quezon Memorial Shrine is an art deco-themed monument that was designed by Federico Ilustre and built during the 1950s; it serves as the centerpiece of the Quezon Memorial Circle, which is the 66-meter (217 ft) shrine representing Quezon's age when he died from tuberculosis stands on a 36-hectare elliptical lot. It houses an observation deck that can accommodate 60 people at the top through a spiral staircase, which gives the visitors a panoramic view of the city. This study aims to provide an alternative of renewable energy to make Quezon city memorial circle eco-saver, clean, and green. It is designed to absorb sunlight as a source of energy to generate direct current electricity to light up the museum. Electrical engineers and architects agreed to the solar panel on the monument of the Quezon Memorial Circle miniature. The difference between the assessments of the two groups of respondents in terms of the cited variables was significant. The problems encountered by the researchers did not hinder the construction of the miniature. The suggestions and recommendations forwarded by the respondents can improve the project. The respondents recommended improving the diagram, improving the miniature, and including the brief objective and layout to improve their product. Additional computation should be improved on how long this solar-paneled project can supply.

Keywords: solar panel, electricity, architects

Joint Building Home for Aged and Orphanage in Makati City: A Project-Based Proposal

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Abstract

This study aims to reconstruct and innovate an asylum in our community. Putting the orphan children and aged people can build durability and unity within the asylum to makes them as one in any kind of aspect. The research method of design that was utilized in this study was quantitative analysis. The participants of the study were limited to five Architecture students and five Civil Engineering students who assessed the level of acceptability of the home building for aged and orphanages. The assessment of the two groups of respondents obtained the composite mean of 3.65, which was interpreted as highly acceptable in terms of the response of Architecture students, and 3.66, which was interpreted as highly acceptable in the response of Civil Engineering students. In terms of construction material, Architecture students obtained 3.52, which was interpreted as highly acceptable, and engineer students achieved 3.61, which was interpreted as highly acceptable. In terms of the methodology procedures, Architecture students obtained 3.80, which was interpreted as highly acceptable, and Civil Engineering students achieved 3.75, which was interpreted as highly acceptable. In terms of concepts, the Architecture students obtained 3.70, which was interpreted as highly acceptable, and Civil Engineering students obtained 3.66, which was interpreted as highly acceptable. In terms of presentation, Architecture students obtained 3.53, which was regarded as highly acceptable, and Civil Engineering students achieved 3.65, which was interpreted as highly acceptable. Results showed that the project can be improved as follows: (1) the exact measure of the miniature should be measured using AutoCAD, (2) proper material should be used to make it increasingly presentable, and (3) make concrete during the time allotted in process in making miniature.

Keywords: orphanage

Proposed Photovoltaic Le Grande Louvre Pyramid in Tuguegarao City Hall

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Abstract

The Louvre Pyramid is a glass metal combination forming a pyramid structure that creates and symbolizes a famous museum of art, such as famous paintings and other artifacts. One of the architects of this building is I.M. Pei who is a Chinese-American architect. At present, the Louvre pyramid has become a landmark in Paris City. The pyramid has a height of 21.6 meters (71 ft.), and its square base is 34 meters (112 ft.), and the base surface area is 1000 square meters (11000 sq. ft). It has an inverse pyramid underground that also serves as a shopping mall. A study that can propose a structure of pyramid in Tuguegarao City is important because this city is directly being hit by the sun rays. Thus, we made a photovoltaic Louvre pyramid in Tuguegarao City. This study can help not only the nearby residence but all of the community in Tuguegarao City. It can also be a tourist attraction in the Philippines. Photovoltaic system or solar power system design can supply usable solar power by using photovoltaic power. It consists of a solar panel that converts sunlight to electricity, which is the main point of the study. This location is the main of our purpose. Photovoltaic Le Grande Louvre pyramid has its designated location near Tuguegarao City Hall. This location is unused and directly hit by the sunlight. This place is safe from the Western Valley Fault. Consequently, this location is secured to build an infrastructure. This area is near to the people. Hence, it is easy to get popular by the visitor and people. The architects and civil engineers agreed to a proposed miniature Le Grande Louvre Pyramid in Tuguegarao City Hall. The difference between the assessment of the two groups of respondents in terms of the cited variables was not significant. The problems encountered by the researcher did not hinder the construction of the miniature. The suggestion and recommendations forwarded by the respondents can improve the project. The respondents recommended the researcher improve our diagram, improve our miniature, and include a brief objective and layout to improve our miniature. Additional computation is needed to improve how long this solar-paneled project can supply.

Keywords: Photovoltaic Le Grande Louvre Pyramid

Glulam Bridge from Makati to Mandaluyong: A Proposal

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Abstract

This study aimed to determine if developing a pedestrian bridge made of glulam wood from Makati to Mandaluyong is a good proposal. Thus, a survey was conducted to determine the structure of Glulam Bridge in terms of construction materials, design, feasibility, and presentation. This study was found acceptable by UP Architecture students and UP Civil Engineering students in terms of the cited variables. The two groups of respondents recommended using a concrete platform for the wooden bridge to allow the bridge to have a strong foundation and metal support for the bridge to make it heavier against water current. The respondents also recommended using a wood sealer to lessen the damage of water hitting on the wood. This study utilized quantitative research methods of the study. According to Farnsworth (2019), qualitative research is particularly suitable for exploratory research (e.g., during the pilot stage of a research project). It is primarily used to discover and gain an in-depth understanding of individual experiences, thoughts, opinions, and trends and to dig deeper into the problem at hand. The results of the study in terms of construction materials, design, feasibility, and presentation showed that the p-value for Architecture students was greater than the level of significance of 0.05 where the p-value was 0.70884, thereby showing a significant difference between the variable. The p-value of 0.80234 for Civil Engineering students was greater than the level of significance of 0.05, thereby showing a significant difference between the variables. The subsequent discussion forward by the two groups of respondents are as follows: select a more appropriate material for the bridge for safety purposes, use a concrete platform for the wooden bridge for a strong foundation, and use more beams to support the wooden bridge. Wood is an extremely expensive material; thus, use wood against water.

Keywords: developing, quantitative, design, feasibility, presentation, materials, beams, concrete platform

Upgraded Building of Compania Maritima in Cebu City: A Project-Based Proposal

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Abstract

This study aims to renovate the abandoned building of Compania Maritima in Cebu City, which is previously known as Shamrock Hotel. In the process of constructing the building, the researchers encountered problems, one of which is how the respondents assess the level of acceptability in terms of the suitability, feasibility, timelines, and presentation, which is known as the statement of the study. The study is necessary to give the readers and other future researchers knowledge and importance of the building. Further reading the content will give the readers or the future researchers important details such as how the miniature is constructed, the results, and the discussions. This study aims to renovate the abandoned building of Compania Maritima in Cebu City. Through the data gathered, the researchers found out the following. The two groups of respondents, which are the Civil Engineer students and Architecture students, assessed the level of acceptability by using the Likert scale. The obtained results in terms of suitability, feasibility, timeline, and presentation were 4.64 for Civil Engineer students and 4.61 for Architecture students, which were both interpreted as very highly acceptable. The study shows the correct materials can achieve the expectation such as toughness and quality of the project. It also shows the proper handling of funds, proper methods, and a correct floor plan can lead to the success of the project. These findings are also connected to system dynamics as a model-based theory in 2008 by Schwaninger and Grosser and the development of design structures in modern Japan by Isohata and Kida. This study has several flaws, including some methods, materials, and designs that can lead to another research.

Keywords: Art Museum

Miniature of Renovated Minor Basilica of Black Nazarene

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Abstract

Minor Basilica of Black Nazarene, also known as Quiapo Church, is one of the most famous historical churches in the Philippines. It also has the dark statue of Jesus Christ or the Black Nazarene, which made it more popular. It became a tourist attraction for many foreign and fellow citizens where many devotees will come and visit especially during the feast of Black Nazarene held on January 9 every year. However, the most popular is the Quiapo Church, in which many devotees and believers will come to this church but cause many problems. The research method of design utilized in this is quantitative analysis. The participants of the study were limited to 10 4th-year Architecture students and 10 5th-year Civil Engineering students who assessed the level of acceptability of the miniature of the renovated Minor Basilica of Black Nazarene. The two groups of the respondents obtained the composite mean of 3.63 for Architecture students, which is highly acceptable, and 3.66 for Civil Engineering students, as highly acceptable. In terms of concept, Architecture students got 3.70, which was highly acceptable, and Civil Engineering students got 3.66, which was highly acceptable. In terms of design, Architecture students obtained 3.52, which was highly acceptable, and Civil Engineering students got 3.61, which was highly acceptable. In terms of the realistic aspect, Architecture students got 3.80, which was highly acceptable, and Civil Engineering students got 3.75, which was highly acceptable. In terms of presentation, Architecture students got 3.53, which was highly acceptable, and Civil Engineering students obtained 3.65, which was highly acceptable. The result can be forwarded to improve the project such as (1) using the SketchUp app in measuring the exact measure of miniature, (2) using proper material to become it presentable, and (3) making concrete decisions about the time allotted in the process of making the miniature.

Keywords: crowded area, Quiapo church, renovate

Construction of Children's Hope Hospital

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Abstract

Children's Hope hospital is a healthcare institution providing patient treatment with specialized state and medical equipment that helps children with unconditional diseases. Children's Hope Hospital offered its service exclusively to those children from birth up to 12 years old. A quantitative research method was used to conduct the study. Purposive sampling was used to select respondents in assessing the level of acceptability of Children's Hope Hospital by using a survey questionnaire. The researchers surveyed to determine whether the proposed project is acceptable in terms of construction materials, procedural methodology, and presentation. The results of the study in terms of construction materials, procedural methodology, and presentation were acceptable, as assessed by Civil Engineering students and Architecture students. This result indicated no significant difference between the assessment of the two groups of respondents in terms of the cited variables. Civil Engineering students acquired an overall mean of 2.79, with a variance of 0.286, a t-computed mean of 3.68, and a degree of freedom of 18 with a value of 1.734. The t-computed value was larger than the t-critical one. Therefore, the assessment of the Architecture students is accepted. Meanwhile, the acquired overall mean of Architecture students was 3.11 with a variance of 0.004, and the t-computed value was larger than the t-critical one. Therefore, the assessment of the Civil Engineering students is accepted. The Children's Hope Hospital has a standard scale of 1 m:2 cm. It is also designed to accumulate each floor in one place. It is 9 cm high from the ground to the roof and 20 cm in width, which is the standard. The building has 3 floors, which is shown in the outer or exterior design of the model. At the construction of the Children's Hope Hospital model, the platform used Styrofoam as a molder. Next is the construction of the structure. At first, we used glue to paste the cardboards as walls into the Styrofoam, but we failed. Thus, we tried to use wood glue, and it worked. Then, after pasting all cardboards, we used orange acrylic paint to the roof as an exterior design. Lastly, we used yellow and black acrylic paints to polish and add colors to the whole design for the structure and design the exterior ground floor by using green sponges as grass and plants.

Keywords: quantitative, design, structure, materials

ARTS

Level of Acceptability of Pumpkin Churros among Grade 12 Students in Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

A new healthy version of typical churros we know is the concept that inspired the researchers to innovate new flavors that will promote healthy eating habits. Therefore, the researchers came up with pumpkin-flavored churros. The study entitled "Level of Acceptability of Pumpkin Churros Among Grade 12 Students of Home Economics Strand at Bestlink College of the Philippines, S.Y. 2019–2020" focused on how the typical churros we know become more delicious but healthy by adding a new flavor and how it will be acceptable in the market. The researchers used the survey method to know that if the product will be sold in the market to get the respondents' opinion regarding the pumpkin churros business. The researchers found out that most of the respondents prefer typical churros we know, while 60% of the respondents prefer typical churros because it is the traditional flavor of the pasta. With regard to price, the majority of the respondents chose the lowest price, and the price should be 15–20, with an average of 80%. Based on the information gathered by the researchers, the majority of the respondents accepted the new innovated flavors of churros. This result showed that the product pricing was affordable in the market. Therefore, this product is acceptable to the market.

Keywords: pumpkin churros

Level of Acceptability of Sweetcorn Cupcake with Salted Egg among Senior High School Student of Home Economics Strand at Bestlink College of the Philippines

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Abstract

This research is a kind of research that can acknowledge the product that will be chosen as the product of sweetcorn cupcake with salted egg. The researchers considered that sweetcorn and salted egg have potential nutrients and vitamins that are good for the health of our customers. The researcher ensured the good quality of this product for all buyers and can afford the worth price to the customers. We used survey to easily identify how good our product, specify our product whether it is good or bad to the customers, and identify who likes and dislikes the taste of our product. Then, we can arrange the data on the table. We chose a survey because it is commonly used in all the research that gathers their information. The researchers found out that most of the respondents prefer cheese as a flavor of the cupcake. Meanwhile, 60% of the respondents prefer to choose because it's the traditional flavor of cupcakes. Regarding the price majority of the respondents choose the lowest price and the price should be 15-20 with an average of 80%. In this research, our product is unknown and unique when the customers taste it. The researchers found out that most of the respondents prefer cheese as a flavor of the cupcake. Meanwhile, 60% of the cheese prefer to choose because it's the traditional flavor of cupcake. In terms of the price, the majority of the respondents chose the lowest price, and the price should be 15–20, with an average of 80%. The price was extremely low and affordable to all customers. In peel cupcake, which is good for health, it differs in terms of process and ingredients, and their goal is to produce a new product that never shows in the market and same as in our product. However, our main goal is to innovate a new cupcake that is healthier and affordable.

Keywords: sweet corn cupcake, salted egg

Challenges Encountered in Role-Playing Activity of Selected Grade 12 Performing Arts Students at Bestlink College of the Philippines: Basis for Crafting Proposed Guidelines

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Abstract

Role-playing is changing one's behavior to assume a role, either unconsciously to fill a social role or consciously to act out an adopted role. Role-playing is a learning structure that allows students to assume the roles of characters in a fictional setting. The joy of role-playing is that students can become anyone for a short time. This technique is an excellent tool for engaging students and allowing them to interact with their classmates as they attempt to complete the specific role assigned to them. Students are more engaged as they attempt to respond to the material from the perspective of their character. In this study, the researchers recognize that there are challenges that they may encounter in a role-playing activity. In this research, the researchers used a quantitative method on which numeric figures or numbers can be based and a descriptive method to describe the characteristics of a phenomenon population being studied. The survey questionnaire administered to 50 Grade 12 Performing Arts students underwent purposive sampling where a student has an equal chance to be chosen as a sample. The survey questionnaire was constructed to determine the challenges encountered in the role-playing activity in terms of the confidence, skills, and talents of the students. Based on the table, male respondents had a weighted mean of 4.44, and female respondents had a weighted mean of 4.20, which both strongly agree that building one's confidence is one of the challenges. Based on the table, male respondents had a weighted mean of 4.03, and female respondents had a weighted mean of 4.25, which both strongly agree that skills are also one of the challenges. Lastly, male respondents had a weighted mean of 4.28, and female respondents had a weighted mean of 4.16, which both strongly agree that talents are also one of the challenges. Male respondents had an overall weighted mean of 4.25, and female respondents had an overall weighted mean of 4.20, which both strongly agreed that confidence, skills, and talent are the challenges encountered in a role-playing activity. Based on the findings of the study and the conclusions are drawn, the following should be considered: the students should have the willingness to work cooperatively, focus on technicalities in production, enhance the voices and sound curiosity, learn techniques in terms of role-playing, practice grammar for them to create a good script for the characters, learn how to meditate and absorb the emotion of the characters, be financially ready for the role-playing activity, be picky in choosing a music background and theme for the play, be comfortable in sharing their thoughts and suggestions in the class, and learn how to make the play pleasing to every audience.

Keywords: role-playing activity, challenges

Level of Acceptability of Sweet Potato Pasta Among Grade 12 Students of Home Economics Strand in Bestlink College of the Philippines

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Abstract

This research introduces sweet potato pasta as a product. Sweet potato has potential nutrients and vitamins that are good for the health of our customers. The researchers ensure the good quality of this product and affordability for all buyers. The researchers used a survey to easily identify how good our product is, specify whether our product good or bad according to the respondents, and determine who among the respondents likes or dislikes the taste of our product. We arranged the results in the table. We chose a survey because it is commonly used to gather information in research. The researchers found out that 60% of the respondents preferred typical pasta because it is the traditional flavor kind of pasta. With regard to price, the majority of the respondents chose the lowest price; the price should be 15–20, with an average of 80%. In this research, our product is unknown and unique when the customers tasted it. The price is extremely low and affordable to all customers. Our sweet potato pasta is also good for the health but is made using a different process and has different ingredients from typical pasta. The goal of the researchers is to produce a new product that has never been seen in the market. Similarly, our main goal is to innovate a new product that is healthier and affordable.

Keywords: sweet potato pasta

Advantages of Creating a Book Organizer Made by Recyclable Box in Grade 12 ABM students in Bestlink College of the Philippines

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Abstract

At present, many types of paper are discarded after use and dumped anywhere. Paper wastes are occasionally not dumped to the right cassette, thereby causing canal obstruction. Hence, the researchers attempted to find a solution to resolve this problem. Instead of the incorrect disposal of paper waste, we used it as a raw material to make a new product, and we called it a recyclable book organizer. A descriptive method is used because it is suitable in this study and it is about a research method that describes the characteristics of the population or phenomenon that is being studied. This methodology focuses more on the "what" of the research subject instead of the "why" of the research subject. We use convenience as a type of nonprobability sampling method where the sample is taken from a group of people that is easy to contact or reach. The results showed that female students liked to use our product inside their classroom to lessen the weight of the bags they carry. They also place their documents or important papers or books on our book organizer. We aimed to help our community by recycling and manufacturing recycled materials and using them to make a new product similar to our product. In turn, it helps all who want to use it, especially students, and help them to organize their things or important papers.

Keywords: books, recycle, eco-friendly, organizer

Effectiveness of Making an Eco-Friendly Chair by Using Recyclable Plastic Bottle for Grade 12 ABM Students in Bestlink College of the Philippines

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Abstract

Plastic bottles are constructed from high-density plastic. Plastic bottles are now one of the top problems not only in the country but also worldwide. Plastic bottles are a huge barrier to the canals because it causes flooding. Thus, the researchers had an idea to make an eco-friendly chair by using plastic bottles. The purpose of this research was to teach people how to manage their waste properly and help them to create eco-friendly chairs by using recyclable plastic bottles. This study showed how our waste plastic bottles turn into useful things that can help the community and the school. The researchers recommend that every student can create a valuable product similar to an eco-friendly chair. It can make someone more creative, and it turns into a business. It can also improve the discipline of the students in Bestlink College of the Philippines. The research method used was the descriptive method, which was suitable for this study. The descriptive study determines and reports the way things are. The study comprised all students that presented facts regarding the nature and status of anything. This study was concerned with the circumstances of the relationship. The results of the study strongly agreed that making an eco-friendly chair by using waste plastic bottles is effective because it turns plastic bottles into useful things in our community and helps the students to be more creative and disciplined. This study discussed the importance of being disciplined to the students, which was the main purpose of this study.

Keywords: plastic bottles, eco-friendly, chair, creativity, discipline, business

Assessment of Impact of Participation on Public Performance of Performing Arts Students in Grade 12 in Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

A performer should show more of his or her talents. Public performance is considered "public" if they are outside of a normal circle of friends or family, including concerts, nightclubs, and restaurants. Improving themselves is a stepping stone to success and growth. The researchers conducted this study to know the impact of participation in public performance. This research used a qualitative-descriptive method and utilized purposive sampling to choose the selected Grade 12 Performing Arts students to assess the impact of participation in public performances. The finding showed that in terms of self-confidence, both respondent groups strongly agreed, with a weighted mean of 4.31 in male respondents and 3.95 in female respondents. In terms of talent and skills, male respondents strongly agreed, with a weighted mean of 4.33, while female respondents agreed, with a weighted mean of 3.07. In terms of social skills, both respondent groups strongly agreed, with a weighted mean of 4.36 in male respondents and 4.03 in female respondents and an overall weighted mean of 4.33 for male respondents and 4.02 for female respondents. Both groups strongly agreed that self-confidence, talent, skills, and social skills had impacts on participation in the public performance of Grade 12 Performing Arts students. The finding of the study and conclusions drew the following recommendations. The impact of participation in a public performance in terms of social skills showed that students need to be flexible people. A performer should learn how to adjust in different situations to connect with their coperformers and the audience. A live performance can give them the reality of performing to the people around them. It will break the barrier of doubt and shyness of a person. In terms of self-confidence, students must explore other mediums to increase their self-esteem. They need to be comfortable in every performance. In terms of talents and skills, they can teach other performers about their skills to have another knowledge. Participating in public performance can make a performer versatile with regard to talents and skills. In terms of social skills, students need to be flexible people. A performer should learn how to adjust in different situations to connect with other coperformers and the audience. A live performance can also give them the reality of performing to the people around them and break the barrier of doubt and shyness of a person.

Keywords: public performance impact, participation

AVIATION

Effects of Incarceration on Persons Deprived of Liberty in Valenzuela City Jail

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Abstract

In general, incarceration is the state of being in jail. In a broader sense, an individual is incarcerated as a punishment and reformation for the commission of offenses that become detrimental to the lives of the member of the society. At present, the jail system has various rehabilitation and reformation programs being implemented. This can efficiently work if the PDL has been trained behaviorally to accept such programs positively. The acceptance of the person to such training and behavioral reformation can only take place if, despite the stressful jail environment, the PDL has a stable behavioral orientation and a positively inclined personality. The researchers aimed to identify the effects of incarceration on persons deprived of liberty in Valenzuela City Jail. The researchers utilized descriptive research. It can only be used to create a causal relationship, where one variable affects another. In other words, descriptive research can have an essential requirement for internal validity. The researcher utilized the following instrument to gather the needed data on this particular research. The researcher first used the questionnaire method as the instrument of data collection. The second is an interview, which is done to gain knowledge on the respondents and emphasize the factors involved. The third is a focus group discussion, which is another source of important data. Fourth, the researchers used books, magazines, newspapers, the Internet, and previous theses to develop the concept and contents of the study. The respondents were described according to different demographic profiles. A total of 40% of the respondents aged 42–50 years old. All respondents are married males, and 60% of the respondents are M.A. graduates. The assessment of the effect of incarceration leads to reformation in terms of skill development, job creation, and lifestyle. The problems encountered that affect the impacts of incarceration and lead to reformation were regarded as less serious. The results of the study can be used as an invitation to investors coming from the business sectors to promote livelihood programs to all PDLs for their total reformation while serving their sentence.

Keywords: effect, incarceration, persons deprived of liberty

BIOLOGICAL SCIENCES

Effects of Being Student Leader on their Academic Performance

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Abstract

This study conceptualized whether being a student leader have positive and negative impacts to their academic performances. Specifically, it seeks an answer to the demographic profile of the respondents with regard to age and gender. This study utilized 100 students from S.Y. 2019–2020. The findings of the study were obtained from Grade 12 senior high school students. The study used the qualitative and quantitative research designs. A sample of selected 100 Grade 12 senior students as the respondent was taken by using quantitative method to gather the information about the present existing condition and describe the effects of being a student leader to their academic performances. The researchers randomly selected also used the survey questionnaire to gather all necessary data. The results of this study will be beneficial to all student leaders and soon-to-be student leaders for them to be encouraged to be a leader and know how to manage things around them carefully when they are a student leader. The findings showed that the most commonly encountered situation by student leaders is that although they have responsibilities, it does not affect their academic performance in class, but they improve more than their classmates. Being a student leader has positive effects that may help the students to excel more in class.

Keywords: cooperative learning, combination of cognitive and social skills, build confidence and trust with other students

Conducting Innovative Plastic Bottle Pen Holder in Grade 12 ABM Students in Bestlink College of the Philippines

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Abstract

The study focused on the advantages of recycling plastic bottles into a trashcan in the proper disposal of garbage in Grade 12 ABM students in Bestlink College of the Philippines. Recycling is the best thing to do to help the environment. It also helps the students to be more creative in making a new product by using waste materials. The researchers used qualitative method of research, which is a type of social science research that collects and works with non-numerical data and seeks to interpret meaning from these data that help understand social life through the study of targeted populations or places. Decrease in garbage is one of the benefits of the proper disposal of recyclable plastic bottles in a trashcan. Most of the respondents strongly agree that using plastic bottles to make trashcan can decrease the amount of garbage. It will also decrease the burning of garbage and can help the person who collects garbage. Some of the respondents agree we can make something useful out of garbage. This study shows the amount of plastic bottle waste that can be useful in every classroom of the school. This study shows some factors that can be used to reduce the amount of bottle waste in school to help the environment.

Keywords: recycling plastic bottles, lessen the amount of plastics

BUILT ENVIRONMENT

Effects of Gallon Trash Bin on Garbage Disposal of ABM Grade 12 Students in Bestlink College of the Philippines

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Abstract

Many schools have a problem, one of which is the trash that the students throw anywhere and get stuck in the drainage. The researchers found a solution in this problem, that is, having a unique gallon trash to motivate students to properly dispose their trash; this can lessen the space for trash in Bestlink College of the Philippines. Unique gallon trashcan can help our school, environment, and society. In this study, the researchers can assure the cleanliness of many schools, environment, and society. A qualitative method was used in the study. Using descriptive research design, it focused on the effects of creating a unique galloon trashcan in preventing the improper disposal of garbage of the ABM student in Bestlink College of the Philippines. We conducted survey questionnaires for the selected 50 Grade 12 ABM students. The results of the survey showed that 40 out of 50 students from our respective school agreed that unique gallon trashcan has unique functions and is convenient. The results demonstrated the need for the teachers and school administrators to guide the Bestlink students on how to ensure proper waste disposal. The study concluded that the (1) cleanliness of hallway depends on how the students maintain the proper disposal and (2) the cleanliness of the classroom, that is, the students putting their trashes in a right trash can, always follow proper disposal.

Keywords: galloon trash can, proper disposal of garbage, cleanliness of the classroom

Effects of DIY Organizer by Using Recyclable Materials in Grade 12 ABM Students in Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

This research focused on how a DIY organizer that was made out of recyclable materials affects a student. The study shows one of the solutions to lessen the waste and the benefits of the product for the student and school. The rationale of our action research is to offer other way to benefit recyclable materials not only in nature but also in the study of students, often with tools, documents, and any file of students in Bestlink College of the Philippines are placed any place of the faculty or department. There are many things they do. Thus, the DIY organizer that was made of recyclable materials can help the students and also all the departments to make their things presentable and organized. A qualitative method was used in this study as the descriptive research design. This study involved 50 selected respondents from Grade 12 ABM students. Four variables were considered, that is, the effect, benefit, in what way students need a DIY organizer, and why students need a DIY organizer. Making your own organizer requires time and effort. Many people waste money to buy brand new organizer, but a DIY organizer gives you a chance to make your own design and manage your money, at the same time help the environment. The study revealed that proper waste disposal can be a huge help to the environment. The study also showed that if the students will learn how to recycle, then they will save money, become more creative, and manage their things with the use of the DIY organizer they made.

Keywords: DIY shoe box organizer, proper waste disposal and creativity

BUSINESS

Assessment on Effectiveness of Grammar Tool in Improving Grammar Skills of Selected Grade 12 ABM Students

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Abstract

Grammar is important because it is the heart of language. Researchers noticed that several Grade 12 students in Accountancy, Business, and Management (ABM) experienced problems in English grammar. The purpose of this study is to improve the grammar skills of the students. The importance of this study is to provide tools that can help students improve their grammar skills in terms of oral and written communications. Correlational research design was used in this study, in which the researchers measured two variables and assessed the statistical relationship between them, without an effect on the control extraneous variables. The method used is survey method, which is one of the commonly used methods. The sampling is purposive, in which the researchers relied on their own judgment when choosing 50 Grade 12 ABM students as respondents. The results of the pretest and post-test showed that providing grammar tool effectively improves the grammar skills of Grade 12 ABM students in terms of oral and written communication. The oral skills of the students improved because students can actively participate during their English class. Students also participated in reporting, preparations, and several interesting activities that their teacher provided. Students can also speak in English fluently with confidence, which results in effective communication skills. In terms of written communication, the exercises about grammar developed a well-constructed written output because of a post-test after the implementing of the EGG tool, which shows the improvement; grammatical errors decreased. The findings showed improvement on the grammar skills of the students in a short period of time running the action plan. The researchers provided following recommendations. Students need to study English well. Parents should guide their child through their learning. Teachers should to provide something that can catch the students' attention. The school administration needs to implement an "English-Speaking Policy" during class discussions by using English language as the medium of instruction. Lastly, future researchers can use this work as their references.

Keywords: assessment, grammar, grammar skills, oral communication, written communication

Bliss Laundry Hauz Cafe

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Abstract

This research wanted to propose a business named Bliss Laundry Hauz Café. The researchers found the unique "laundry café" based on the conducted survey. The said business is in demand in the market, especially due to its location in Cubao, Quezon City. The people in this location mostly live in condominiums, are bed spacers, room tenants, workers, etc. The proposed business is located at 129 A 13TH Ave. Barangay Socorro Cubao, Quezon City. The business offers a traditional way of washing clothes, which is hand wash, for those people who are sensitive with their laundry. The researchers offer different types of services in addition to self-service. It also offers hand wash, wash and dry, dry and folding, dry clean, ironing, steam, drier, door-to-door pick-up, and delivery laundry for free within the area. Initially, the proponents considered focus group discussions and brainstorming on the proposed establishment of Bliss Laundry Hauz Café in Brgy. Socorro Cubao, Quezon City. The market segment and trend were observed using the behavioral elements in this research. The proponents used survey questionnaires with 100 respondents. The questionnaire consisted of several open questions that are related to market segments. According to the survey, 65% of the respondents are familiar with laundry café and the services it offers to the market; 95% are willing to pay 35 pesos per kilo, which they believe is affordable; 83% of the respondents use washing machine; 68% are using liquid soap; 72% of the respondents wash clothes every week; and 79% prefer to have a mild scent for their laundry clothes. According to the survey, 86% of the respondents prefer laundry wash service, while 14% prefer dry cleaning. Meanwhile, 99% of the respondents said that they are willing to have food while waiting for their laundry because they want to have a relaxing time or pamper themselves while waiting. The researchers have come up with the following financial projections. The financial plan consists of an income statement, projected financial position, cashflow return on investment, and a statement of changes in equity. Bliss Laundry Hauz Café will open a business with initial capital of ₱1,000,000.00. The owners have a plan to expand the business, and business partners will re-invest another ₱200,000.00 each, for a total of ₱1,000,000.00 as additional capital. Bliss Laundry Hauz Café will spend ₱375,000.00 for rental expense for the first year of its operation only.

Keywords: bliss, café, cost of sales, establishment, feasibility, general partnership, laundry, revenue

Travelicious Travel Agency

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Bestlink College of the Philippines

Abstract

Travelicious Travel Agency is a commercial enterprise where travelers can get secure information and impartial counselling from experts, whether they choose to travel via air, sea, or land. Travelicious also offers other services such as business travel, which helps entrepreneurs to plan and book their conferences and meetings. Given that travel agencies are trained to give advice on destinations worldwide, the target market of the study includes individuals from schools and nearby banks, as well as the residents of the area. Travelicous Travel Agency has an office along North Fairview Novaliches, Quezon City, and this office has an area of 25.1 m. The lobby has three areas. The location is ideal because the commuting public will be able to see the business. Imagine going to work or coming home from work tired and hungry for a break from all the stress and seeing the offers of Travelicious Travel Agency. Moreover, an additional boost for the location will be the impending completion of the MRT-7, which will provide more audience to view Travelicious Travel Agency's offers. The location is also near some schools, banks, and several subdivisions and establishments, which can also be potential sources of clients. The proponents did observations on the proposed business site and initiated a random survey for 50 people composed of students, employees, and housewives. According to the survey, 50% are male respondents, while 50% are female. A total of 70% of the respondents travel thrice a year. Respondents prefer Iloilo as a travel destination, with ideal yearly budget of P10,000. For respondents, 80% said that home lodging is the most ideal place to stay at when travelling. The expected return of investment on its first-year operation is 35.14%, followed by the next ROI of the business. The findings showed that Travelicious Travel Agency is feasible and viable to the market. Meanwhile, the researchers' business stall must keep on promoting the business through the social media because many people are now actively engaged in technology through the use of social media. The researchers concluded that to keep up with competition not only from other agencies but also on the business demand, online travel booking should be patronized with some unique and appealing measures to attract possible clients. Therefore, it is recommended to adapt the modern measures and bolster the quality and appeal of the services offered. Nevertheless, to introduce new and fresh ideas that will promote and reintroduce clients to classic and native ways, the immersion package will encourage a more comprehensive and close-up experience with the locals. The researchers' financial must keep on increasing their revenue each year to have a return on investment within five years efficiently.

Keywords: airline, booking, feasibility, investment, reservation, travel, travel agency, tour, package

Pinoy Unlimited Street Foods

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Abstract

Pinoy Unlimited Street Foods is an establishment that serves unlimited Filipino street foods along with beverage and desserts. Pinoy Unlimited Street Food is a general partnership type of business where the capital investment shall be distributed by its four owners. The business is located at 44 Dumalay Street, Novaliches Bayan, Quezon City. Pinoy Unlimited Street Foods also provides quality services and is a hygienic place where street foods can be eaten. The business will be based on the total numbers of customers for its pricing strategy. This study utilized the descriptive method of research design and a survey questionnaire to determine the market viability of the business. It also utilized marketing, strategies, and financial aspect. It includes the 4Ps or the product, price, place, and promotion. Good quality of the product helps the business to have good relation to the customer. If the process is right, then the product guarantees the affordability of the price for the customer proposed. This business showed that only small numbers of people do not or have not yet tried to eat street foods. The proponent also tries to identify the preference of customers in terms of 4Ps. Pinoy Unlimited Street Foods uses different advertising channels to attract more customers, including social media, flyers or leaflets, and tarpaulin while considering its objective and strategies that based on the survey questionnaire results and knowledge provided by the researchers. The pricing strategy will be the production cost plus 30% mark-up plus 12% VAT. In case of pricing the proponents, estimate the amount people can take in one meal to prevent loss on income or profit through unlimited pricing. The preference of customers is constantly changing. Thus, it is best to always conduct research on how this change can affect a present business, identify the recent preferences of customers, and try to innovate the menu, adjust price, redecorate the place, polish the techniques, maintain or enhance quantity and quality for either product or service, and always only include all of that is always profitable. The workforce of Pinoy Unlimited Street Foods only involves by its owner and a few numbers of employee on its first year of operation to ensure the income to return on the next consecutive years. It is best to take an additional employee and schedule them shift by shift to ensure that the work has the highest performance.

Keywords: feasibility study, unlimited, street foods

Level of Acceptability of Salted Egg Buchi

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Abstract

This research is about making a new product that we will introduce in public. The focus of this research is all about acceptability of a new version of buchi. This salted egg buchi is a new version and has a new taste for everyone, especially for Filipinos and Chinese. The study uses descriptive research method to determine and analyze the problems encountered by students. The term descriptive research refers to the type and research question, design, and analysis that will be applied to the given topic. Purposive sampling was utilized to determine the member of research sampling. The data needed were gathered through the distribution of the questionnaires. Findings showed that the results of the two groups of respondents strongly agreed. The data showed that no significant difference between the assessments of the two groups of respondents based on the presented variables. The respondents of the study include 50 Home Exonomics (HE) students and 10 HE teachers that were selected at random in Bestlink College of the Philippines. The researchers came up with recommendation in making new product you need to be unique to complete others. This paper can enlighten one's thinking with regard to the reality of life in the business world.

Keywords: acceptability

Assessment on Level of Acceptability Torkagi Patty

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Abstract

This product is designed to create new flavor and nutritious patty with many health benefits, such as vitamin A, B6, and potassium. Patty is a trend among millennials because most of them love to eat burgers. Hence, researchers made patties that are more delicious and nutritious than ordinary patty. Researchers added a unique flavor to the patty, which is the squash. This chapter presented research design, tables of figure, instrument validation of instrument, data gathering procedure, and statistical treatment. The result of this research showed the viability of torkagi patty in senior high school students of Bestlink College of The Philippines like torkagi patty. The bases of the result were from the taste, aroma, nutritional value, and competitiveness. The average grand mean of the students was 3.26, thereby indicating that it moderately agreed. The result of Home Economics teachers showed the average grand mean of 2.94, which agreed. This product, that is, torkagi patty has many health benefits available. Squash has many health benefits such as vitamin A, which helps keep our eyes healthy. It also has vitamin C (ascorbic acid), which is an antioxidant, and is important for immune system health. This thesis statement showed that a new version of appetizer food based on any kind of appetizer food is not consumed as a nutrition food to help our body. Our product is marketability enough because it has a good taste and is affordable, and it is also perfect for the people who love to eat snacks but want to be healthy at the same time. Most of the respondents suggest adding sauce to our product and improve the appearance. We also need to improve the presentation of the product for it to have a competitive advantage over our competitors.

Keywords: torkagi patty

Level of Acceptability of Parmigiana Fish Bites

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Abstract

Parmigiana is a baked Southern Italian dish that is made with a shallow-fried sliced filling with cheese and tomato sauce on top. The eggplant version is the earliest variation of parmigiana. Other kinds made with breaded meat cutlets, such as veal and chicken parmigiana, are popular in other countries, usually in areas with many Italian immigrants. Chicken is a type of domesticated fowl and a subspecies of the red jungle fowl (*Gallus gallus*). Chicken is one of the most common and widespread domestic animals, with a total population of more than 19 billion as of 2011. The researchers choose parmigiana fish bites because people do not like fish nowadays because of its bones. Our fish is boneless because the researcher believe that fish is more when deboned. Experimental research is any research that conducted with a scientific approach, where a set of variables are kept constant, while the other set of variables are being measured as the subject of experiment. The instrument used is a survey questionnaire. In this study, the survey questionnaire used by the researcher is a checklist-type questionnaire that is used to achieve the main objective of the study. Simple random sampling is a basic sampling technique where we select a group of subjects (a sample) for study from a larger group (a population). The results show that the student respondents agree with 3.95%, and they got a verbal interpretation that strongly agree with the products' overall weighted mean. Meanwhile, the teacher respondents agree with 3.96%, or the teacher respondents also obtained a verbal interpretation of strongly agree with the products' overall weighted mean. The results show no significant difference among the two groups. Our respondents suggest adding a sauce such as hot sauce, barbeque sauce, or sweet n' sour sauce. Our respondents also said that it is better to put our product in on a box, and we can use grated cheese to coat a fish. It is better to use rice flour and some leaves such as malunggay and oregano leaves.

Keywords: parmigiana fish bites

Viability of Crab Meat as Alternative Ingredients in Making Meat Balls among Home Economics Students and Teachers in Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

Crabmeat is the meat found within a crab. It is used in many cuisines across the world for its soft, delicate and sweet taste. Crab meat is low in fat and contains around 340 KJ (82 Keal) per 85-gram (3 oz) serving. Brown crab (*Cancer pagurus*), blue crabs (*Callinectes sapidus*), and blue swimming crabs (*Portunus hanii*) are among the most commercially available species of crab meat global. In some fisheries, crabmeat is harvested by declawing crabs, wherein one or both claws of a line crab are manually pulled off, and the animals is the returned to water. The practice is defended because some crabs can naturally autotomize (shed) limbs and then regenerate these limbs about a year late after a series of molts. Crab is one of the best possible dietary sources of protein available. It contains almost as much protein per 100 grams of meat without anywhere near the same level of saturated fat, which is linked to an increased risk of heart disease. The method that the researchers used was experimental method. Experimental method involves manipulating one variable to determine if changes in one variable causes change in another variable. This method relies on controlled methods, random assignment, and the manipulation of variables to test a hypothesis. The result of the analysis based on the comments and recommendations of the respondents showed that the texture of this product should be improved. Crab meat balls was not well-crushed and needs to be evenly distributed. They also said that we need to improve our packaging to make it attractive to the customers. Lastly, they recommended us to explain the nutritional value of the product for the consumer to know its benefits to their health. However, many respondents said that this product was tasty and affordable. They also said that this product could grow if sold elsewhere. As mentioned in chapter 1, the purpose of this study was to assess the level of viability of crab meat balls. In conclusion, the result of the survey or analysis showed that the product can be compared or can compete with other seafoods. Mostly, some of the respondents said that our product tasted good, and it smelled great. They said that we need to improve the texture of the crab meat balls. Afterward, we can compare the crab meat balls to other products that are available in the market today. The primary objective of this research was to identify the assessment of the crab meat balls and develop and improve the product. The investigation was conducted in Bestlink College of the Philippines in December 2019. Descriptive method was used, and nominative survey technique was used to gather data. Out of the 50 students, 21% of the respondents aged 17 and 18. A total of 50 students are all senior high school, and the 10 teachers are all college graduates and have TVL certificate holders.

Conducting Seminar in Accounting II among Grade 12 ABM Students in Bestlink College of the Philippines

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Abstract

Some Accountancy, Business, and Management (ABM) students are having a hard time in their accounting subject because they do not have interest or passion in this subject; they are merely forced to take this strand. Thus, a majority of the students are stressed to this subject. This research aims to enhance Accounting II Skill of Grade 12 ABM students of Bestlink College of the Philippines by conducting a seminar. Many students are suffering because of this subject even if the teacher explains it carefully. Perhaps, an accountancy graduate can help the students by giving his tips on how to improve our understanding in accounting subject. Descriptive method is used in this study. A descriptive study determines and reports the way things are. The main instrument used is questionnaire, which is used to accumulate the data needed to answer the problems presented in chapter 1. Most of the respondents are 18 years old. The majority of the respondents is female, and most have 80–84 grades in their previous Accounting II subject. All of the respondents are uncertain in how factor analytic skills affects Accounting II skills; they cannot analyze the problems in business transactions, they loss interest in doing the subjects' required paper works or activities because of lack in analytical skills, they can easily do paper works and activities in accounting, and they can easily know and solve the problems in Accounting II. Some of the students have effects on their academic performance. They can do paper works and perform in recitation confidently; and some are uncertain in understanding the lesson easily and can finish the paper works, seat works, and activities on time and disagree that it has no effect at all. Most of the students have difficulties in Accounting II, that is, they cannot analyze business transactions; they cannot finish journal entries, ledger, and trial balance on time; etc. Therefore, the researchers recommend that ABM students should study hard, be determined to do their tasks, and listen to the teacher eagerly for them to improve their analytical and problem-solving skills.

Keywords: enhance accounting skills

Conducting Basic Accounting among Grade 11 ABM Students in Bestlink College of the Philippines

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Abstract

The Accountancy, Business, and Management (ABM) Strand provides students with the skills and knowledge they need to work in the corporate world. One of the necessary major subjects that they need to pass is accounting. Basic accounting is the practice of recording and reporting business transactions; it has five major accounts, that is, asset, liability, capital, revenue, and expense. Every student must have analytical thinking, critical thinking, and problem-solving skills. However, some students are still having struggles with their basic accounting subject to the point that their performance in basic accounting subject is affected. Several factors affecting why students do not understand the lessons about basic accounting include the following: they are slow to catch up with the lesson, and teachers are ineffective. Hence, we conduct a basic accounting tutorial among Grade 11 ABM students in Bestlink College of the Philippines. Descriptive method is used in this study. This study enhances their basic accounting skills through basic accounting tutorial in Bestlink College of the Philippines. It is necessary to identify the effectiveness of conducting basic accounting tutorial among Grade 11 ABM students. A descriptive study determines and reports the way things are. Its concern is to enhance basic accounting skills of the students. The main instrument used is questionnaire, which is used to accumulate the data needed to answer the problems presented in chapter 1. The following factors affect the academic performance in accounting: student lacks English language proficiency, the student has no background about basic accounting, the student's efforts toward the subject are insufficient, the student has bad study habits, the student only l has less time for solving accounting problems, the student has poor attendance, the student lacks analytic skills. Many factors affect the difficulties in accounting subject. The recommendations in improving the academic performance of students in accounting include the following: listen eagerly to the discussion of the teacher, attend the class, study in advance, study hard, and join accounting tutorial. For the students to not have struggles in accounting, they should listen eagerly and follow the direction to the discussions of the teachers for them to ease difficulties in basic accounting. The students must do an advance reading or study for them to have advance learning.

Keywords: accounting

Improving Vocabulary Learnings by Using Daily Spelling with Meanings among Grade 12 ABM Students in Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

Language is the most important thing in this world; without language, you cannot communicate with others. Without the language, we cannot convey what we want to convey. For instance, one individual cannot understand what he hears or reads if he does not have any idea about the language and also cannot express what he wants to say or write if he has no idea about the correct or proper words to express. One of the most important language items that should be taught to children is vocabulary. Having enough knowledge about vocabulary will allow the students to communicate with others. It is important to master this because someone cannot talk without knowing the vocabulary. Purposive method is used in this study. This study enhances the vocabulary of students in Bestlink College of the Philippines. It is necessary to improve the vocabulary skills of a student by using daily spelling with meanings among Grade 12 Accountancy, Business, and Management (ABM) students in Bestlink College of the Philippines. It is concerned with improving a vocabulary skill of a student. Scaling is composed of the indicators based on the variables such as the causes of difficulties, effects, and how vocabulary words can help Grade 12 ABM students in Bestlink College of the Philippines, S.Y. 2019–2020. The study found out the causes of students difficulties in learning vocabulary such as the difficulty of word, lack of understanding of grammar, the students' needs to learn many words, the written form vocabulary is different from the spoken form, and the knowledge about vocabulary words is limited. The following difficulties affect the students in terms of academic performance, such as lack of application of the words in activities and struggling in constructing sentences and paragraphs. Vocabulary is a small part of language. Learning a language cannot be separated from learning its vocabulary. It is important to introduce it as a basic step to children to help them to understand utterances and prepare them to learn next-level English. In the teaching-learning process, the students must focus on studying English subjects that tackle and are connected to the vocabulary word to improve their vocabulary and skills for them, thereby allowing them to overcome their difficulty in communicating and constructing words.

Keywords: improving, vocabulary, learnings

Chilz and Desserts

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Abstract

This research wanted to propose a business store named CHILZ AND DESSERTS that will be located in Quezon City. The business offers three flavors of cake that you can eat anytime and anywhere and added some cookies and cupcakes that the customers will surely love. The main sources of data came from 50 respondents from the Millionaires Village. The researchers also used social media account, such as a Facebook page as alternative sources of ideas to gain additional knowledge and strategy regarding the study. Most of them like the product because of the mixed taste of chocolate and red wine. The store will be successful because the survey proved that the Chilz and Desserts fits those who likes to eat cake and chill. The researchers aim to offer the unique cake in affordable price and introduce it in the market and to more customers. After an in-depth research was conducted on the significant aspects, such as the process involved in preparing the products, marketing, financial, and social economic aspects of this study, CHILZ AND DESSERTS shall be pursued and established.

Keywords: cake and wines

Feasibility Study on Establishment of Posto Segreto in Timog Metro Manila, Quezon City

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Abstract

Nowadays, people are being exhausted from an extremely stressful day at work or personal problems and do not know how to relieve their stress. However, some people go to different places of entertainment, but they only experience the same routine repeatedly. Hence, the researchers came up a nightclub business that offers different types of entertainment where people can pass some time, recharge, and relieve from a stressful day at work and hang out with their friends or loved ones. The researchers wanted to change and improve the idea of clubbing by making customers feel the life in the beach and achieve business goals by giving 100% customer satisfaction experience and build strong commitment to the loyal customer. Descriptive method, specifically survey, was used to achieve the objective of this study. The researchers looked for 50 respondents in Timog, Quezon City, with the gender/frequency of 27 males and 23 females. The survey questionnaire included 12 questions regarding the products, services, location, and promotional activities of the business. This survey was conducted to its target market, such as office and restaurant workers, ABS-CBN/GMA celebrities, event fashion models, and partygoers nearby the location, as well as businessmen. This study also utilized financial statement to determine the capital needed to realize the feasibility study. Based on the result of the survey, in 4Ps used by the researchers, 90% said "Yes," and 10% said "No" in 12 questions given to 50 respondents. In terms of the financial aspect, Posto Segreto is truly profitable as proven in the ROI computation consisting of $37.62 INR 2020 and expecting to increase it in the following years. With the support of the gathered data, the researchers assured that the business has a higher profitability level and can maintain excellent financial condition by the effectiveness of the maximizing management revenue and minimizing all the cost for its operation.

Keywords: posto segreto, night club, club

Mobile-Based Transportation Vehicle for Commuter in Metro Manila

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Abstract

With the growing economy of the countries across the globe, innovation is inevitable in a fast-changing world. Asia's fast-growing financial stability is evidence that cybernation should be more competitive globally in finances and commerce. The Philippines, which is the rising tiger of Asia, is preparing to gear-up and boost its economy through computerization. The government is pushing all its efforts to make all agencies adhere to the computerization processes by which the standard is set internationally. Our method was descriptive qualitative where we survey people using mobile-based transportation to determine what they prefer, whether conventional or mobile-based transportation. Conventional mode of transportation is our usual day-to-day trip, and mobile-based transportation is the use of apps like Grab. Given that it is modern, we have a lot to discover; we can get to where we want to be. If you ride conventionally, then you will have to wait for the vehicles.

Keywords: mobile-based transport vehicle

Acceptability of Heart of Coconut Palm Patty

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Abstract

Coconut palm patty is a delicious patty made of coconut palm that is loved by many Filipinos. It may be prepared in different way, but the base is always palm. The highlight ingredient of this dish is coconut palm, which is being promoted for the health of the students by the DOH and the WHO for its cost-effectiveness and remarkable medical value. The researchers chose the heart of coconut palm patty to make a different product than the other stores. Experimental research can gather considerable data that can help you make better decisions. The instrument used was a survey questionnaire. Survey questionnaire is a type of data gathering method that is utilized to collect, analyze, and interpret different views of a group of people from a particular population. A simple random sampling is a sampling technique where every item in the population has an even chance and likelihood of being selected in the sample. Table 11 shows that teacher group of respondents obtained the frequency of 3.8, with a verbal interpretation of strongly agree. The frequency of student group of respondents was 3.1, which had a verbal interpretation of strongly agree. The difference between the results of the two groups of respondents was not significant. Based on the data gathered, our product has a positive result. Our products had more nutritional benefits than those of the other stores. It is tastier because of the ingredients. Our respondents recommended having a logo in our packaging and placing our finished product in a tissue to make it suck the oil before we put it in a packaging.

Keywords: Coconut

Conducting Writing Contest in Improving English among Grade 12 ABM Students at
Bestlink College of the Philippines

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Abstract

English language has been commonly accepted as a universal language worldwide. People who study English language consider it as their personal proficiency. English is the most widely used language as a means of communication worldwide. Thus, people should learn English particularly in the Philippines. The way English is taught is focused on the ability of learners to master the four language skills, namely, listening, speaking, reading, and writing. Many students who have studied for six or more years of second or foreign language are still unable to express themselves in a clear, correct, and comprehensible manner in the target language through the four skills. Due to the complicated nature of writing activities, many students tend to face constraints in developing their writing skill. The descriptive method was used in this study. This study aimed to focus on students experiencing difficulties in their creative writing skills among Grade 12 Accountancy, Business, and Management (ABM) students in Bestlink College of the Philippines. A descriptive study determines and reports the way things are. It comprises the data of all students and presents facts regarding the nature and status of anything. It is concerned with the circumstances of the relationship that happened. The respondents were 50 selected Grade 12 ABM students in Bestlink College of the Philippines, A.Y. 2019–2020. The focus of this study was to improve their writing skills and boost their self-confidence in Bestlink College of the Philippines. The respondents agreed having difficulties with correct grammar, correct spelling, structuring ideas effectively, generating ideas or elaborating on them, and fluidity in cursive writing. The students were challenged in writing, such as a structure of an idea, plagiarism, unfamiliar topic, awkward phrasing, end conventional grammar, and perfectionism. Having writing contest will push the students to improve their writing skills. They understand more in writing, thereby improving their reading comprehension and enhancing complexity and coherence. This phenomenon resulted in greater clarity of written and oral language. Students can master English spelling by improving their writing skills through joining weekly writing contests to read regularly, improving their grammar, and creating an outline and subtopics.

Keywords: Improving English

Mobile-Based Transportation Vehicle for Commuters in Metro Manila

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Abstract

With the growing economy of the countries across the globe, innovation is inevitable in a fast-changing world. Asia's fast-growing financial stability is evidence that cybernation is a necessity to be more competitive globally in terms of finances and commerce. The Philippines, which is tagged as the rising tiger of Asia, is preparing to gear-up and boost its economy through computerization. The government is pushing all its efforts to make all agencies adhere in the computerization processes by which the standard is set internationally. Our method was descriptive qualitative where we survey people using mobile-based transportation to determine what they prefer, whether conventional or mobile-based transportation. Conventional mode of transportation is our usual day-to-day trip, and mobile-based transportation is the use of apps like Grab. Given that it is modern, we have a lot to discover; we can get to where we want easily. If you ride in conventional mode of transportation, then you will have to wait for vehicles.

Keywords: mobile base transportation

Proposed Office Procedure for Human Resource Department of Educational Institution

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Abstract

Office procedure is the center point of the company. It refers to a continues scheme to ensure the efficiency in the workplace. A good office procedure is the key in establishing an organized institution. It creates consistency, efficiency, and professionalism within the office environment. Human resource and office procedure need a harmonious relationship. Researchers used two methods; the first one was interview. The researcher conducted several interviews of several staff of the Human Resource Department by meeting them personally to obtain information. This method helped some staffs of the Human Resource Department to explore their perspectives on a particular office procedure, program, or situation. The other method was observation method. The researcher observed the ongoing process of the Human Resource Department; it will give reliable insights. The researchers can capture data on what goes down on the Human Resource Department of Bestlink College of the Philippines, that is, the office procedure on how the human resource staffs say during the conducted interview and what actually happens in the actual process. As the result, the researchers proposed some possible solutions to the Human Resource Department that can help the enhance the office procedure. The researchers added modern ways to strengthen the background checking process of the applicant in the hiring process for teaching and nonteaching applicants. In hiring, the researcher added sending onboarding letter, which will serve as a confirmation that the application passed the final interview. In the filing of the documents, the researchers rearranged the steps of the process and proposed new codenames with regard to the filing of the employee documents. The researcher proposed adding an exit interview to the resignation process. It will help the department convince the employee not to continue with his or her resignation. Lastly, in the termination process, the researcher proposed a new and better procedure in the case of dismissal and terminating an employee. The purpose of this study was to improve some of the office procedures of the Human Resource Department of Bestlink College of the Philippines.

Keywords: Human Resources Department, Bestlink College of the Philippines

Conducting Daily Monitoring Contest in Maintaining Classroom Cleanliness Among Grade 11 and 12 ABM Students in Bestlink College of the Philippines

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Abstract

Various lessons about classroom cleanliness students are well-known for leaving a mess and forgetting to pick up after themselves. Students will often clean up their messes but only after their teacher reminds them to do so. Teachers spend a lot of time picking up scraps of paper of the floor or finding books left in places where they should not be. This precious time should be spent instructing students, but the responsibility to clean up often falls on the teacher. Cleanliness means keeping our body, mind, and everything around us clean. Cleanliness is the first law of health. It is the way to stay healthy and lead life peacefully. A competition is any student event where an individual or a team competes for a prize where skill is the main predictor of the winner. A competition can be done between students or teams of students within a classroom or across different schools and geographical regions. Student competitions bring about a student's best effort by inspiring creativity and challenging the student to utilize their skills. Teachers incorporate student competitions as a part of their curriculum to encourage students to stay on task and bring forward their best work by significantly increasing the payoff for the student. The descriptive method was used in this study. This study helped maintain the cleanliness inside the classroom at Bestlink College of the Philippines. It is necessary to identify the effectiveness of daily monitoring of every classroom in Grade 11 and 12 Accountancy, Business, and Management (ABM) students. A descriptive study determines and reports the way things are; the concern of this study is to enhance the good behavior of the students. The data collected were analyzed and interpreted. Data was analyzed manually based on the observed lessons and information from the questionnaires. The analysis focused on the "Daily Monitoring Contest in Maintaining Classroom Cleanliness among Grade 11 and 12 ABM Students in Bestlink College of the Philippines." The following data collection instruments were used to inform the researchers on "Daily Monitoring Contest in Maintaining Classroom Cleanliness among Grade 11 and 12 ABM Students in Bestlink College of the Philippines." "Cleanliness is next to Godliness," which implies that being clean is a sign of spiritual purity or goodness. Moreover, we should not only take care of our personal cleanliness but also of our surroundings. To solve this problem and take back your teaching time, we introduced "Daily Monitoring Contest in Maintaining Classroom Cleanliness among Grade 11 and 12 ABM students at BCP." Then, the month's cleanest classroom will be awarded. The daily monitoring of classroom will be held by the SSG and SSC officers. This study will initiate the students to maintain the cleanliness of their classroom and help them be competitive to can stay healthy.

Keywords: cleanliness

Recycled Plastic Wrappers as Plastic Mat in Bestlink College of the Philippines, S.Y. 2019–2020

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Aliana Butial
Jims Bryan Guerinia
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Bestlink College of the Philippines

Abstract

Recycled plastic mats are made of pure recycled plastic; they help environment considerably because instead of discarding the plastic bags, they are recycled into mats to prevent them from spreading to our environment. You can afford the cost of the recycled mats because ordinary mats can only be used two times. However, this recycled plastic mat is still undamaged, which is one of the differences between this mat and ordinary mat. The descriptive method was used in this study. This study aimed to reduce plastic wrappers and keep our environment clean, especially our school. Plastic helped to lessen the waste in our surroundings; because of its product, the people will be encouraged to give importance to our environment and school premises in Grade 11 and 12 Accountancy, Business, and Management students in Bestlink College of the Philippines. A descriptive study determines and reports the way things are. It comprises the information all students and presents facts regarding the nature and status of anything. It is concerned with the circumstances of the relationship that happened. This is why we came up with this research because even if it looks simple, it can definitely help the people and the community. Health is the main concern of our government today. As we saw and heard in the news, many diseases occur in our country. This plastic mat is suitable for this problem because it is more spacious and durable. Plastic is the number one widespread litter; hence, some sewers and obstruction can occur, thereby resulting in flooding to some areas in addition to causing hurricanes. This will not only help the environment but also the users of the mat, especially in the neighboring provinces. It will also greatly assist the mattress family because it is recycled. Plastic mats are made of leaves that slowly decomposed and are easily destroyed unlike recycled plastic mats, which though sometimes read, are not easily decomposed; its color can fade, but it can still be used.

Keywords: recycled plastic

Improving Grammar Skills through Weekly Activity Session among Grade 11 ABM Students in Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

English is one of the languages that are taught formally in the educational field. At present, the knowledge of the student in English is accelerating. English has become extremely important to the academic, personal, and professional advancements of the student to succeed in their academic performance and perform effectively as a student. English grammar is one of the English competences that consist of a system of a language that must be comprehended and mastered by the students. Grammar has been one of the difficulties in mastering English language in a country where English is still a foreign language. Many students have a problem in constructing sentences and speaking in English because they think that their grammar is wrong. However, in high school or colleges and maybe in elementary school, students are required to speak in English in different subjects. The descriptive method was used in this study. This study aimed to improve and enhance the pronunciation skills through speech lesson among Grade 12 Accountancy, Business, and Management (ABM) students in Bestlink College of the Philippines. A descriptive study determines and reports the way things are. It comprises the information of all students and present facts regarding the nature and status of anything. The main instrument used was questionnaire, which was used to accumulate the data needed. Scaling was composed of the indicators based on the variables such as difficulties in grammar, advantage in grammar, and other interventions in improving grammar skills. The students showed difficulties on grammar in terms of are the recitation, quizzes, written works, and school activities. The respondents agreed that the other interventions in improving grammar skills included reading English books during free time, watching foreign movies, reading articles with a good English grammar, practicing writing with a basic English grammar, and attending a grammar tutorial. English grammar is extremely difficult to learn and master. Thus, we conducted research on how to improve the grammar skills of Grade 11 ABM students. We want to educate students the proper way of constructing sentences because many students nowadays do not how to speak in English. We also want to prepare them for their professions. Therefore, students need to focus on different English subjects and train themselves on how to speak in English. Parents should also encourage their children to learn more about English grammar.

Keywords: Improving, Grammar, English language

BUSINESS ADMINISTRATION

BUSINESS ADMINISTRATION

Feasibility Study on Establishment of Eat's Yum in Commonwealth Avenue, North Fairview, Quezon City

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Abstract

Being overweight is a common occurrence nowadays because everyone loves to eat delicious foods, but not all people have self-control, thereby decreasing one's confidence to socialize because they gaining weight. Being overweight also causes people to be conscious of their body figures and health. Eat's Yum is a business that serves low-carb foods that are good for dieting and improving health. It is a business that aims to help people who want to lose weight and gain their confidence, as well as those who eat a small portion of delicious food in fear of gaining weight and aim to improve or maintain their health. The research methods utilized in the study were the qualitative research method and purposive sampling technique, which can conduct a survey and answers the pointed problem. The researchers surveyed 50 respondents in Commonwealth Avenue, North Fairview, Quezon City where the business will be established to test the level of acceptability. Researchers also applied the financial statement in the study to test the level of profitability in terms of financial viability. Based on the results of the survey conducted, Eat's Yum is extremely acceptable because it will offer healthy foods that are good for dieting and improving health; the price is also affordable. The business location also got a high percentage of acceptability in terms of its accessibility and visibility. The proposed study is acceptable and profitable to the market due to its uniqueness and benefits in terms of health although the entry bar for starting the business is high. This business can generate enough revenue to return the investment. The results also indicated that the proposed study can operate. If it is managed well, then the business will continue to grow successfully. Eat's Yum is highly recommendable to the people around the business location and for people aiming to lose weight and improve health because the business is considered as a necessity and offers low-carb foods. Low-carb foods are the most recommended type of food by many doctors for a healthy diet. The respondents suggested that we improve pricing strategies, make promotional tools, and continually innovate the products offered to gain a competitive advantage because the competition in this industry is high risk.

Keywords: feasibility, establishment, Eat's Yum

HR Policy Development for Fine-Dining Restaurant in San Juan City

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Abstract

The company is an established fine-dining restaurant that started in 2009. It is one of the fast-growing elite fine-dining restaurants within the Metropolitan area and started to expand internationally. The company has nine branches, including a branch in Shanghai, China, and has 115 employees, all of which are regular employees. The company is dedicated to providing quality Italian dishes to its customers. The researchers used a panel and interviewed the respondents to gather information regarding the company policies. A structured questionnaire was also given to the owner, the Human Resource personnel, and other staff. As a reference to the study, the researchers utilized online resources from reliable websites. One of the researchers was also a former employee of this company; hence, he/she experienced the management first-hand. The researchers identified 44 existing policies, which include the policies on appropriate/ethical behavior within the workplace, such as Absenteeism Policy, Coercive Acts Policy, Company Confidentiality Policy, Drug Policy, Electronic Device and Gadget Usage Policy, Honesty Policy, and Smoking Policy, as well as topics related to recruitment methods, placement guidelines, employee retention strategies, basis of wage, employee safety within the workplace, and employment arrangements. Mobility includes employee rotation for developing their personal and professional growth. Mentoring and coaching approaches are used by the management, and they conduct a performance evaluation twice a year, which serves as the basis for rating the effectiveness of their employee. The researchers proposed 26 policies that aim to enhance and improve the existing policies. This includes Anti-Office Bullying, Anti-Discrimination, Conflict of Interest, Guidelines on Workplace Cleanliness and Sanitation Policy, Official Business Slip, and Enhancement of Mandated Employee Benefits, as well as Equal Employment Opportunity, Internal Hiring, Retirement Pay, Absorption Arrangement, Employee Financial Assistance Program, Company Team Building Program, Training Needs Analysis, Staff Rotation Plan, Performance Appraisal and Improvement Plan, Open-Door Policy, Enhanced Duties and Responsibilities of the HR Personnel, and Revision of Code of Conduct. It will help the company manage the overall operation as it is gradually expanding and in compliance with the state law.

Keywords: policy development, procedures, enhancement, fine-dining restaurant

Water Master Philippines

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Abstract

Water is essential to all living creatures, especially to humans. Due to its importance, the need for clean and safe water increases day by day. However, the world, particularly the Philippines, faces major problems regarding water contamination and water consumption. Many Filipinos have been diagnosed with diseases caused by water contamination. A published study also stated that in the future, the Philippines would suffer water shortage. The researchers became determined to solve these problems by providing machinery and equipment designed for water filtration. The business also promotes the idea of utilizing rainwater as a water supply. Water Master Philippines aims to provide aid to eradicate the situation regarding water contamination and helps to remedy the future problem of water shortage. The method used for this study was qualitative analysis. The researchers surveyed 30 respondents, composed by the representative of family (18), school (7), and food industry (5) around Medium Rise Building Compound, Pilot Drive, Brgy. Commonwealth, Quezon City. The researchers used 4Ps as the basis for this survey. The purpose of this survey was to identify if the target market will patronize the products and services and serve as a guide on what would be the best action researchers should take to meet and exceed customer satisfaction. This study also used the financial statement to determine the business's capability in terms of earning and meeting its obligations. The results of this study showed business effectiveness to its respected target market, thereby indicating that the business product and services offering was significant to the problems stated. In terms of the financial aspect, Water Master Philippines is truly profitable, although the product and services are somehow technical. The business earning was enough to fulfill its obligations and had a stout return on investment. The results also indicated that the business has well-organized management and can survive intense competition. The researchers found out that the business has a strong impact on its target market and gaining higher sales from tangible products. Therefore, the researchers recommend investing more capital for tangible products such as filters, carbon blocks, elements, and machines. The owner should also engage in different expos that would showcase the importance of business offerings and create more promotional activities to build strong branding and earn higher profit for future expansion.

Keywords: water consumption, water shortage, eradicate, remedy, feasibility, Water Master Philippines

Feasibility Study on Establishment of Lobat Food Haus in Paso De Blas, Valenzuela City

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Abstract

In contrast to the past, dining out is now indispensable. LOBAT Food Haus was conceptualized through the collaborative ideas of five researchers bearing a concept of a place to recharge in a highly urbanized area where most individuals are opting to dine out or purchase made-to-order food due to a fast-paced lifestyle. It offers a variety of authentic trademark Batangueño delicacies, such as lomi, and exemplifies an eco-friendly commitment through its Zero Plastic Advocacy. The business name correlates with LOW-BAT (short for low battery) and means running out of something. Consequently, a place to recharge has been conceptualized not only for customers' stomachs but also for their phone's battery because it offers free charging of cellphones. A descriptive research method was used to determine prospects' insights regarding the researchers' proposed business and other factors affiliated with it. Survey questionnaires were administered to 100 respondents residing within Paso de Blas, Valenzuela City. It entailed a demographic profile to find out the percentage distribution of respondents and questions about product, price, place, and promotion in line with the proposed business. Financial statements were also used to scrutinize the viability of the business in terms of its profitability. The foregoing analysis showed that a majority of respondents are acquainted with the flagship offering of LOBAT Food Haus, that is, lomi. Most of the respondents are also willing to spend any amount of money, which correlates with what the business has to offer. Discount coupons garnered a favorable response over other promotional tools, with 27% returns on invested capital in the first year of operation and gradually increases in each succeeding year despite the prevailing circumstances. The researchers presumed that the inception of LOBAT Food Haus can be attained or capable of being carried out by enacting the subsequent recommendations addressed by the researchers including, but not limited, to ascertaining that product being served will not be compromised, expansion of business through a franchisor-franchisee agreement, and minimizing operating expenses if necessary to avoid the disbursement of invested capital in an untimely manner. Consequently, a place to recharge is ready to fulfill countless tummies.

Keywords: dine out, feasibility study, LOBAT Food Haus

Feasibility Study on Establishment of Rirar's Veggies Desserts in Buenamar Street, Nova Proper, Novaliches, Quezon City

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Abstract

Dessert is the last part of a meal and it is usually sweet, such as sweet food, fruits, and vegetables, and possibly a beverage, such as a dessert wine. Every people's needs and wants are dynamic. Hence, businesses need to get along with the trends and also need to create an innovative and creative product. The business was conceptualized through the collaborative ideas of five researchers with a concept of adding fresh vegetables to normal delicacies or desserts as a flavor to encourage people, especially children and people who do not like to eat vegetables, to eat desserts with vegetables because it can benefit and provide nutrients and vitamins to his/her health. The business name RIRAR'S Veggies Desserts means that the business offers a healthy product that is made of vegetables. The researchers used a qualitative method to determine the customers' insight about the researchers proposed business. Researchers used a survey questionnaire to survey 100 respondents, such as students, workers, professionals, and residents within the vicinity of Buenamar Street, Nova Proper, Novaliches, Quezon City. Product, place, promotion, and price, which are also called 4Ps, were used as a basis of the survey. A financial statement was also applied to utilize the viability of the business in terms of the financial aspect. The findings of the study showed that the respondents agreed that the chosen location is the best for the business. RIRAR'S Spinach Polvoron, RIRAR'S Squash Pastillas, RIRAR'S Maja Moringa, and RIRAR'S Maja Carrota are listed as the healthiest products the business offers. Respondents are willing to spend the amount of money regarding the prices that these businesses offer. Promotions that will catch customers' attention included a discount coupon, buy one take one, and free taste. The return on investment increases in each succeeding year. The projected ROIs are 8% in 2020, 19% in 2021, 22% in 2022, 33% in 2023, and 36% in 2024. RIRAR'S Veggies Dessert can thrive and grow over the years. The study can help customers know what are the possible benefits of eating vegetable desserts. This study can benefit not only the owners but also the customers because the product can help them maintain their healthy lifestyle.

Keywords: feasibility study, innovate, RIRAR'S Veggies Desserts

Assessment on Safety and Security of Comfort Room at Bestlink College of the Philippines - Senior High School Students: Basis for Improvement

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Abstract

This research is all about providing locks, signage, and soaps for improving safety and security. This study wants to ensure the safety of every student who uses the comfort room. In this study, the researchers aim to improve the safety and security of the comfort rooms by provided locks, soaps, and proper signages. By providing these things, the researchers can help the school in enhancing the students' safety. This research used a survey method in collecting data. The research design used a descriptive research design because it collects detailed and factual information from the students who are bothered by the problems in the school comfort room. The respondents of this study were 50 selected Grade 12 Accountancy, Business, and Management (ABM) students from ABM sections 1201–1218 by using convenience sampling. Based on the results of the study, providing repairing materials and comfort room supplies addressed the cited problems above and promoted the following. (1) Maintaining the security of the students - helping materials and comfort room supplies the students to maintain their security. If the school comfort rooms are not in good condition, then users felt uncomfortable and not secured. Thus, the comfort room should be in good order and is safe to use. (2) Maintaining the cleanliness of the comfort rooms - there is a positive effect by maintaining the cleanliness of the comfort rooms; it would help the school comfort rooms to look decent and comfortable to everyone who wants to use the toilet. This study is helpful to the students and other users of comfort rooms in the school because it ensures their safety and security. It also lessens the complaint issues of the ambiance in the school comfort rooms, such as broken doors, dirty toilets, and unpleasant smells. These issues may be resolved with the help of this study, and it opens the minds of other officials to pay more attention to the comfort rooms of this school. It is beneficial to the school itself to have a good image in terms of cleanliness and hygiene. It will also benefit future researchers to know the possible problem they will encounter and how to resolve it easily if they will conduct research similar to this work.

Keywords: assessment, safety, security, comfort room

Providing Class Schedule Sticker on I.D. of Senior High School Students as Effective Tool in Eliminating Instances of Cutting Classes

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Abstract

This study provides a class schedule sticker to improve the monitoring process of the school personnel to all senior high school students. This action plan has been implemented and tested to the entire Grade 12 Accountancy, Business, and Management (ABM) Strand. This study aimed to lessen the percentage of students that cut classes. Quantitative research was used in the study. The type of quantitative research used was quasi-experimental design, which involves the manipulation of the independent variable to observe its effect on the dependent variable. The researcher also used a survey method to easily gather or collect data. The researcher used convenience sampling in selecting 50 Grade 12 ABM students as respondents. Based on the results of the study, providing a class schedule sticker in the IDs of students was an effective tool in the compliance of senior high school students to follow proper class schedules and to promote the following. (1) Monitor class schedule – it organizes the process of monitoring class schedule to lessen the cutting classes. Identifying their class schedule will help the students organize their schedules and help the students know when to wear their specific uniforms. (2) Avoid cutting classes – Discipline the students in following their class schedule and make them wear their school uniform properly (3) Uniforms – maintain the discipline of the students in wearing their uniforms during class schedules. The result of this study showed that more restrictions are needed to properly monitor students. The teachers must impose and implement the checking of proper school attire during classes. The school administrators can easily monitor the proper uniform based on the provided class schedule.

Keywords: class schedule, sticker tool, eliminating, cutting classes

Improving Academic Performance of Selected Grade 11 ABM Student in General Mathematics using Handouts and Reviewer

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Abstract

General mathematics is one of the core subjects in senior high school. Some of the students have difficulty in this subject because of the lack of connection between the subject and students, self-doubt, having a low IQ or what we called being slow learners, and being inattentive and lazy to memorize formulas. This common problem will result in a low grade, and it will be difficult for the students to answer the mathematical problem. This study aimed to improve the academic performance of Grade 11 Accountancy, Business, and Management students in general mathematics by motivating them to think that math is not difficult unless they are lazy and do not dare to find a way to understand it easily. The researchers used descriptive design to clearly explain the variables of the study. This study also used the Survey method where the Likert Scale is being used. It is distributed to 50 participants that were chosen by using purposive sampling. The result of this study showed that providing hand-outs and reviewers improved the academic performance of Grade 11 students in general mathematic subjects in terms of the following: (1) Performance tasks – providing them a handouts and reviewers helps them easily understand mathematics lessons and perform better in class. (2) Written works and quarterly assessment – by using and reading the reviewer and handouts, the students become more knowledgeable about the subject matter and make it easier for them to answer all given written activities. This research found out that providing hand-outs and reviewers helps the students to truly understand Mathematics and helps them improve their mathematical skills. The teachers and school administrators must conduct reviews and handouts that will practice the students in enhancing their mathematical skills.

Keywords: improving, academic performances, Mathematics, handouts, reviewer

Assessment on Providing Freedom Walls as Effective Promotional Tool to Avoid Vandalism

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Abstract

Vandalism is the malicious act of destroying other properties. People who are responsible for vandalism do not care about the community and do not think wisely before they take an action. The worst thing is when people do it for fun without thinking that it may cause a lasting effect on society. Maintaining the surroundings clean is important; therefore, researchers conducted this study to provide a solution to this problem. This study used a descriptive research design and survey method to gather information from Grade 12 Accountancy, Business, and Management (ABM) students. Data were collected by distributing questionnaires to the target respondents. Researchers selected 3 respondents from Grade 12 ABM sections 1–14 and 2 respondents from sections 15–18, with a total of 50 respondents. The result of this study revealed that the freedom wall can eliminate vandalism and developed the cleanliness and discipline of the students. Researchers found out that (1) family problem and boredom are a factor that influences people in doing vandalism. Students express their fear, guilt, and hatred through vandalism. (2) Desire of expression and discrimination are also factors why people vandalize. The researchers suggested that students must know the importance of cleanliness and having good discipline when using other properties. Teachers should encourage their students to be aware of the case of vandalism. The school administrators should empower this study to prevent vandalism and for the future researchers that this study will serve as a guide and their reference.

Keywords: assessment, freedom walls, promotional tool, vandalism

Evaluation in Improving English Proficiency of Grade 12 ABM Students by Doing Research Papers in Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

English proficiency is required for students to ensure they meet their academic performance. English proficiency is a student's ability to use, make and communicate English meaning verbally and written. English is a medium of instruction and one of the learning areas that develop the learner's confidence and ability by using language speaking for effective communication. Students are lagging in terms of the English language, both in oral and written aspects. One of the strategies used to improve English Proficiency is doing a research paper. Proficiency in English is a critical component of a successful modern society. It will open more opportunities because English is one of dominating languages of the world, which is having an impact on every field of work. English is essential in education because it will affect academic performance. Researchers aimed to improve the students' English proficiency by doing a research paper to develop English skills and find ways in speech or language difficulty, enhance the level of proficiency in English, and improve academic performance. Researchers choose this topic to find ways in English difficulties, such as vocabulary, grammar, reading comprehension, and communicating skills that are a barrier to those who are proficient in the English language. We used descriptive design to describe or explain this study also whether English Proficiency improved by doing a research paper. The respondents were selected using convenience sampling, which is based on the availability of the respondents in section 1201–1209 of Grade 12 Accountancy, Business, and Management students. This study used of survey questionnaire because it is the most applicable method. Based on the results of the study, the English Proficiency of the students was improved by doing a research paper on terms of (1) vocabulary words, the student's depth of knowledge in words gained. (2) Correct grammar, improved the students' skills to evaluate the choices available when it comes to revising an earlier written draft, and know the correct spelling of words. (3) Reading comprehension, students can read beyond the literal words and find understanding. (4) In speaking English, students can communicate in English, and the pronunciations develop and enhanced. Doing a research paper can be one of the learning strategies to improve English proficiency and find ways in English difficulties. Vocabulary words the students will improve in English vocabulary knowledge and enhance of the vocabulary word and understand the word difficulty. For reading comprehension, the students will easily understand a reading text and easy to conclude the whole meaning of a text. Correct Grammar the students will sharpen their skill in knowing correct grammar and correct spelling. Practice speaking English the students will enhance of English speaking through reading books, public communication to speak English, and pronunciations of words will develop.

Keywords: evaluation, English proficiency, research paper

Assessment on Problems Affects Analytical Skills of Grade 12 ABM Students in Accounting Subject in Bestlink College of the Philippines

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Abstract

Accounting subject is one of the cores subjects of Accountancy, Business, and Management (ABM) students. It needs further understanding, analytics, and critical thinking. The researchers observed that some of the students are still struggling on this subject. This study aims to improve the analytical skills of the students. The importance of the study is that it may help the student improve their analytical skill. This study used the survey method because it is the most used and applicable method for our research. The survey method is the technique of gathering data by asking questions to people who are thought to have desired information. The main respondents of the study are Grade 12 ABM students that were selected using convenience sampling. Based on the results of the study, the problems that affected the analytical skills of Grade 12 ABM students in Accounting subject are as follows: (1) lack of mastery of the students–Having unfamiliar terms caused by the lack of knowledge in accounting terminologies has a negative effect; students fail to recognize the term used, and an incorrect solution is provided because of wrong understanding in accounting transactions, and it also lessens their interest in Accounting subject; (2) lack of enough time in reviewing–when they do not do a review, they may forget what they already tackled. Providing analytical activities address the cited problems above and enhanced the analytical skill of Grade 12 ABM; they become more interested in the subject because of the activities held before the class start, and the analytical skill and their performance in class are improved. Researchers recommended applications that can improve analytical skills, such as Brain Out, Accounting Quiz Game, Skillz, Lumosity, and Neuronation. Websites Accounting Dictionary can also be used. Researchers recommended these applications and websites based on the information given by authors and reviewers of these applications and websites. Researchers also recommended always do a class review before every lecture and follow it with an icebreaker for the students' minds and bodies to be active for discussion.

Keywords: assessment, analytical skills, accounting subject

Assessment on Effectiveness of Implementing General Classroom Rules and Regulations to Improve Classroom Management of Senior High School Class Officers

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Abstract

Classroom management creates a set of expectations used in an organized classroom environment. It includes routines, rules, and consequences. It is used to make the students organized, focused, attentive, and academically productive. This study aims to improve the effective use of classroom management techniques that can significantly decrease disruptions in the class. The importance of this study is to know if there are possibilities in improving the existing classroom rules and regulations. The researchers used descriptive design as one of the easiest methods to apply for a research study when analyzing the gathered data. A survey questionnaire was used; this instrument aims to directly identify participants' feelings and opinions about the advantages and disadvantages of classroom rules and regulations to improve the classroom management of 50 Grade 12 Accountancy, Business, and Management class officers that were selected using the purposive sampling technique. Based on the results of the study, implementing general classroom rules and regulations effectively help Grade 12 class officers in terms of (1) compliance to academic activities, which directly affects the students to become responsible students in terms of their studies, (2) compliance to social responsibilities, which helps them become a good leader and become an influencer to other students, and (3) maintain proper behavior inside the classroom, that is, students knowing their limitations inside the classroom and becoming responsible students. The impact of implementing general rules and regulations has positive effects on the class officers. To have better classroom management, students should follow all the regulations inside the classroom. In compliance with the academic activities, students should be more responsible for their studies to become productive. In compliance with social responsibilities, students should be good leader and maintain proper behavior inside the classroom knowing the rules and regulations and become a good student.

Keywords: assessment, implementation, classroom, rules and regulations, classroom management

Assessment on Effectiveness of Conducting Personal Development Program Improving Physical Appearance of Grade 12 ABM Students

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Abstract

Makeup tutorials help students improve their physical appearance and boost their confidence. The researchers chose this topic for their action research because students are struggling when puberty hits them with impurities on their faces, which will bring sadness because of how we look. The purpose of this study is to help women who may have low self-esteem because of their looks and give them hope. This study used the survey method because it is the applicable method for our research. A survey is the technique of gathering data by asking questions to people who are thought to have desired information. The main respondents of the study are 50 female Grade 12 Accountancy, Business, and Management (ABM) students that were selected using convenience sampling on ABM sections 1204 to 1208. Based on the results of the study, personal development activities improved the personality of female Grade 12 ABM students in terms of (1) physical appearance (conducting a personal development program effectively helps the Grade 12 ABM students to be aware of their physical appearance and attire when they are in the school), (2) proper hair dress (helps the Grade 12 ABM students to know different ways to improve their hair dress to make them look clean and neat), and (3) proper makeup (helps grade 12 ABM students to know the proper ways of using makeup to make them look beautiful and presentable). The researchers recommended that this study must be implemented because it will help the students boost their confidence in many ways. The researchers recommended that the study about the effectiveness of makeup tutorials in improving personality should be implemented because it helps the female students to boost their confidence in many ways. They will get many opportunities and will become more successful as they move to reach their ambitions in life.

Keywords: assessment, effectiveness, personal development program, physical appearance

Assessment on Effectiveness of Physical Fitness and Wellness Program in Improving Physical Fitness of Grade 12 ABM Students in Bestlink College of the Philippines

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Abstract

The study aims to improve the physical fitness of Grade 12 Accountancy, Business, and Management (ABM) students. Being physically fit enough is important to do the daily tasks and activities. The importance of this study is for them to be aware of the conditions of their health and body. The study also aims to encourage all Grade 12 ABM students to enhance their physical fitness by practicing physical fitness and wellness program. The researchers used a quasi-experimental research design because it applies to this study where it involves the manipulation of the independent variable to observe the effect on the dependent variable. The respondents of the study were 50 Grade 12 ABM students that were selected through quota sampling. Based on the results of the study, practicing Physical Fitness Wellness Program improved the physical fitness of Grade 12 ABM students in terms of (1) physically fit body (height/weight, a physically fit body improves the condition the body condition of the students to become more physically fit to do their daily tasks well without undue fatigue), (2) healthy body (strong immune system, a healthy body has a positive effect to the students because their overall health condition has improved and helps them to prevent diseases and illnesses), and (3) flexibility and adaptability (productivity and energy, the students encourage themselves to be physically fit enough and live in a healthy lifestyle). It helps them to become more active in their class. The researchers suggested that being physically fit is important because it will help the students to do their tasks well. Students must have time to check the condition of their health and body. Students must always be aware of the condition of their bodies. Being healthy is also extremely important because it can prevent us from having any illness and disease. Practicing a healthy lifestyle can also give us a longer life.

Keywords: assessment, physical fitness, wellness program

Effectiveness of Using Pickle Jar Theory in Improving Academic Time Management of Selected Grade 12 ABM Students

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Shirelyn Layos
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Abstract

Academic time management is the most difficult thing that many students face nowadays because of their lack of knowledge in using their time properly. Pickle jar theory indicates that similar to a jar, time is limited. Our life is the jar, and what is in it is limited. Every day, everyone fills out their time with important, less important, and unimportant activities. This theory serves as a guide to determine what is important and what is not important. The researchers used pickle jar theory because it is an easy way and simple strategy to improve the time management of every student. The importance of this theory is that it will help to manage time every day without any pressure and stress. The respondents of this study were Grade 12 Accountancy, Business, and Management (ABM) students from ABM sections 1201–1218 that were selected using convenience sampling based on the availability of the respondents. The research design of this study was a descriptive design where this design was based on the observation of the researcher, and a survey was used to collect the primary data of the study. Based on the results of the study, pickle jar theory improved the academic time management of Grade 12 ABM students and addressed the cited problems above in terms of (1) better division (the student always make sure that time is enough in specific activity; they become extremely practical in using their time and knowing the exact and enough time that they allocate their time in one activity or task), (2) time-table (the students know and rank the tasks according to its importance, and they know their limit in all tasks that they do and finished the first task that they need to do), (3) task list (the student used the strategy "to-do list" to not forget their schedule). They make sure that their task is done before they proceed to do the next. The researchers recommended the following: (1) assignment and project – they should make a list of all their tasks to accomplish it and for the reminder, (2) reviewing – the students should know their responsibilities and take on action for it, and they should know how to properly allocate their time and become always ready, and (3) group activities – the students must be committed in their task. They should be fair all the time and must know the value and importance of time

Keywords: effectiveness, pickle jar theory, academic time management

Advocacy on Promoting Healthy Eating Habits among Grade 12 ABM Students through Vegetable Planting in Bestlink College of the Philippines

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Abstract

Healthy eating habit is an overall way on how we interact with and approach vegetables in our life. The researchers conducted this study to promote healthy eating habits among grade 12 Accountancy, Business, and Management Strand students because they have noticed that many students do not consider the recommended amount of vegetable intake in their daily meal either because of personal taste or lack of appetite and interest in eating vegetables. The researchers used a descriptive research design to describe those students who took part in the study. To gather data, the researchers disseminated survey forms to 50 selected Grade 12 Accountancy, Business, and Management (ABM) students from the MWF schedule that were gathered through convenience sampling to accomplish the survey method. Based on the results of the study, conducting vegetable planting promoted a healthy lifestyle among Grade 12 ABM students in terms of the following: (1) Healthy eating habits – The students started to eat vegetables by buying the viands provided by the school canteen. The students understand the importance of eating vegetables that is why they always prefer meals with vegetables. (2) Vegetable consumption – The students' vegetable consumption increased after conducting the study. They are eating vegetables not only in school but also at home. (3) Strong immune system – The students were able to resist common diseases and can always perform well in school. They gave importance to their health and lessen the stresses they feel. Then, the vegetable planting developed the strong immune system of the students, thereby making them strong and lessening the common illness they have. The researchers recommended the students practice adding and eating vegetables to their daily meals. For teachers, they should continuously guide and remind the students to eat vegetables and their importance and benefits. To school administrators, they should monitor the menus in the food court, making sure that it includes vegetables and healthy foods. They should also conduct a seminar regarding vegetable planting. Lastly, future researchers should conduct a study that is concerned with the health of the students.

Keywords: advocacy, healthy eating habit, vegetable planting

Assessment on Effects of Creating Green Ambiance Classroom in Academic Behavior of Selected ABM Grade 12 Students

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Abstract

Classroom ambiance added enthusiasm and motivation for the students to be more interested and inspired in attending their classes. This positively affects their academic behavior and outputs. The researchers created a green ambiance classroom to help improve the academic behavior of the students and tested its significant effect on the academic behavior of Grade 12 Accountancy, Business, and Management (ABM) Strand students. The results of the study were compared with the academic behavior of the students with natural classroom ambiance or without green ambiance. This study used a quasi-experimental design and gathered the data needed by using the survey method, wherein it is the most applicable and easiest way. The respondents of the study were selected using quota sampling. A total of 49 Grade 12 ABM students from section 1201 were used as the control group without installation of plants creating green ambiance, and another 49 Grade 12 ABM students from section 1202 were considered as the experimental group with the installation of plants inside their classroom. Based on the results of the study, installing indoor plants in the classroom created a green ambiance classroom and had a significant difference in the academic behavior of the selected Grade 12 students' respondents in terms of the following: (1) Sense of responsibility – Students from section 1202 became more focused on their studies and increase their motivation in doing the most important. (2) Maintain good attendance – Students from section 1202 became active in attending their classes and avoid tardiness instead of cutting classes and incurring absences through of good ambiance of the classroom. (3) Increase the productivity in doing school works – Students from section 1202 became more productive in accomplishing their school works. They became more focused and determined in doing academic tasks on time. The results of the study came up with a recommendation beneficial to the following: (1) Students can provide their plant to contribute for implementing the green ambiance and maintaining the plants. (2) Teachers can serve as a guide to the students. (3) School administrators can implement the green ambiance for the whole school or conduct a vegetable planting in a particular area in the school. (4) Future researchers can develop a creative rack/cabinet for the plants inside the classroom.

Keywords: green ambiance, academic behavior, motivation, engagement, sense of responsibilities, attendance, productivity

Status of Books and Reference Materials in Library: Basis for Establishment of Learning Resource Center for ABM Strand

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Abstract

A library with many useful academic books and reference materials is one of the best assets a school can have. It shows competitiveness in providing better education for generations. This study aimed to assess the status of the books and reference materials in the library of Bestlink College of the Philippines for the benefit of the students and teachers. Establishing a resource learning center in the Accountancy and Business Management (ABM) Strand can provide more academic books and reference materials from the ABM students. With this action plan, the student marketing strategies such as utilizing marketing and product concepts were applied in the entire research study. This study used a descriptive research design and survey method to gather the needed data. The respondents of the study were 50 selected Grade 12 ABM students. This study was conducted on 45 Grade 12 ABM students from section one to nine in the M-W-F class schedule and five ABM teachers as respondents through convenience sampling. This sampling technique selected people based on their availability. Based on the results of the study, establishing a learning resource center for the ABM Strand enhanced the marketing strategies of the Grade 12 ABM students in terms of the following: (1) Product concept – The results of the study helped the students bring out their marketing potentials, especially in creating product concepts either existing, alternative, or innovative ways that provide low costs for the school, such as conducting mini-book fair/book donation to increase the books in the library. (2) Marketing concept – Their marketing concepts were also exercised in this study. They were able to discover ways on how to effectively market their needed books or action plan, and they were able to strategize well with the help of the social site and media. The researchers offered recommendations. For students, keep supporting the researchers by simply donating a book to help not only the school but also their fellow students. Teachers are encouraged to participate in the event because they are also the beneficiaries of it. School administrators should conduct a book month to promote the reading habit of the students and encourage them to donate books. Future researchers can collaborate with some organizations that can help them easily to collect more books.

Keywords: status, books, reference materials, library, learning resource center

Analysis on Involvement of Selected Grade 12 ABM Students in Collection of Plastic Bottles to Promote Recycling Business

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Abstract

Plastic bottles significantly contribute to the waste materials produced by people. Students often use these things to satisfy their needs inside or outside the school. Hence, they need to be responsible and disciplined enough for their trash. By educating all the students to learn proper segregation, willingness to participate, and also by recycling the plastic bottles collected, they can help in improving the atmosphere of the school and their contribution to developing the school's environment. This study aims to involve the students in the collection of plastic bottles and encourages them to turn them into useful materials that are beneficial to them and can be potential products in the future. The researchers used qualitative-descriptive research design, which involves observing and describing the behavior of a subject without influencing it in any way. To gather the data needed, this study used a survey because it is reliable and the most applicable method that researchers can use. A total of 90 respondents from sections 1–10 were selected through simple random sampling. Based on the findings of the study, involving Grade 12 ABM students in the collection of plastic bottles promoted the following. (1) Maintain a clean environment and effective waste management in school – the number of plastic bottles thrown anywhere was lessened successfully. By consistently collecting and disposing of solid waste materials such as plastic bottles properly, the students developed the good practice of waste management. (2) Promote discipline, creativity, and leadership among the students – since they participated, they developed a sense of responsibility in managing their trash and became motivated to continue this practice of proper waste management in their homes. In this study, the students need to understand the importance of having a clean environment. The teachers should encourage their students more and support activities promoting cleanliness of the classroom and school. This practice will help the school personnel to continue the proper segregation of wastes. This study highly recommended the practice of proper segregation in the school and conduct entrepreneurial activities turning plastic wastes into useful products that are beneficial to the students, teachers, and the school.

Keywords: analysis, involvement, collection, plastic bottles, recycling business

Assessment on Effectiveness of Eisenhower Matrix in Improving Time Management of Selected Grade 12 ABM Students

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Abstract

Time management helps students in their daily activities in school or at home. Students divide their time into different activities. Time attitude, lack of priorities, and family problem are their challenges in managing their time. This study aims to help Grade 12 Accountancy, Business, and Management (ABM) Strand students to effectively improve their academic time management. The use of the application of the Eisenhower matrix or urgent-important matrix helps the students to decide what to prioritize in their task listed by urgency and importance up to the least. The researchers used a quasi-experimental design and used a survey method to identify the significant difference in terms of time management of male and female students and the pretesting versus post testing results after using the Eisenhower matrix in plotting academic tasks and other activities of the students. A total of 25 males and 25 females were taken as respondents from sections 1–9 by using quota sampling. Based on the results of the study, using the Eisenhower Matrix effectively improves the time management of male and female Grade 12 ABM students in terms of (1) attitude (develop a good attitude toward time management), (2) priorities (improve priorities in academic activities), and (3) family (learn to balance academic time and family time). In the presented data, no differences were observed in the time management of male and female students, but the difference in the results of students' respondents in the pretest and post-test of both groups of respondents was significant. The results showed that students had difficulty in managing their activities, while the post-test results showed their improvement after using the Eisenhower matrix. Before using the Eisenhower matrix, male and female respondents agreed that the variables attitude, priorities, and family affected their time management. Based on the results of the study, the researchers recommended that the students, teachers, school administrations, and future researchers should know the importance of time management and how the Eisenhower matrix helps to improve their time management skills. They can also use the phone application of E-matrix, which is easier and convenient to use anytime and anywhere. Time management is extremely challenging but can be practiced and developed in the long run.

Keywords: assessment, effectiveness, Eisenhower matrix, time management

Factors Affecting English Fluency of Grade 12 ABM Students as Basis for Proposed Intervention and Remediation in Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

Every individual should enhance and improve their English-speaking skills. Every school institution should intervene to develop the English fluency of every student. Therefore, the researchers chose this topic to give awareness on how beneficial the English language can be. The purpose of this study is to help the students to be globally competitive. The significance of this study is that it will help the students master their English communication skills. The school itself will benefit because the students will not only excel academically but also will be globally competitive. The researchers used a descriptive research design, survey method, and quota sampling to gather the information of the respondents. The respondents of the study were 50 selected Grade 12 Accountancy, Business, and Management (ABM) students from sections ABM 1210 and ABM 1215. The selected respondents are students who have difficulties in speaking English. Based on the results of the study, the proposed intervention and remediation of English-Only Policy during classes addressed the above-cited factors and enhanced the English fluency of Grade 12 ABM students in terms of the following: (1) Improved pronunciation, vocabulary, and grammar – It helps the students to practice the diction and right accent when speaking in English. Now, students can speak English words smoothly. It helped the students improve and widen their vocabulary and their knowledge of the English language. (2) Improved self-confidence – Students are now confident answering the questions of their teachers using the English language. Students' competitiveness also increased because they became confident with their English-speaking skills. The researchers recommended that the students should practice speaking in English. Teachers must motivate and guide their students in speaking English. The school personnel must strictly implement the English-Only Policy inside the school during classes for subjects that use English as a medium of instruction. Parents must show support to their children to encourage them to learn. Lastly, future researchers must conduct more studies on how to improve the English fluency of the students.

Keywords: English fluency, intervention, remediation

Promoting Reading Habits among Grade 12 ABM Students by Providing Books and Improvised Bookshelves Inside Classroom

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Abstract

This action research project aims to promote reading habits among Grade 12 students, especially among the Accountancy, Business, and Management (ABM) Strand students, in Bestlink College of the Philippines by providing a book and improvised bookshelves inside the classroom. Recently, the researchers observed that most of the students engage more in their gadgets and gather academic information in their academic tasks through the Internet without proof of validation. The books and improvised bookshelves were designed motivate to the students to read and explore information in books. The researchers used a quasi-experimental research design. The researchers choose two Grade 12 sections in ABM, that is, sections 02 and 04 in the MWF schedule. A total of 49 students were selected in ABM 12-02 as the experimental group, while 46 selected students in ABM 12-04 as the control group, with a total of 95 respondents that were chosen through quota sampling. Based on the results of the study, providing improvised bookshelves with books improved the reading habit of Grade 12 ABM students and had a significant difference in the benefits acquired by ABM 12-02 students with improvised bookshelves and books and ABM 12-04 students without improvised bookshelves and books in terms of (1) content of the books (students benefited in reading books that contain topics related to their subjects, which widens their creativity and knowledge), (2) relevance of the books (students benefited in reading books that are related in the field of studies sharpens their knowledge about business process and business terminologies), and (3) usefulness of books (students benefited in reading books that are useful in their academics, those that help them in answering their assignments and projects, and those that are useful in their research studies). These benefits improved the academic performance of the student. The study suggested that student should improve their reading habits by reading books daily. Teachers should also encourage their students to read books. School administrators must conduct an assessment of the level of reading comprehension of the students to help them develop their academic performances. Future researchers must improve the action plan provided in this study.

Keywords: promoting, reading habits, books, improvised bookshelves

Assessment on Role of Guidance and Counseling Department to Avoid Cutting Classes of
Senior High School Students

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Abstract

This action research aims to circumvent the continuously increasing number of senior high school students who are cutting classes. This study was performed to enhance the control and organization by disseminating the timetable cards. Its main purpose is to allot help to the Guidance and Counseling Department to bring efficient control and well-organized treatment to students. Cutting classes has a considerable impact on the student's academic status. With the help of this study, these students will not have failing grades. The researchers used a descriptive research design in the form of qualitative research and survey method and interview to gather the data needed. An interview was conducted to gather information from five personnel of the Guidance and Counseling Department, and a survey questionnaire was also administered to 90 Grade 12 Accountancy, Business, and Management students from sections 1–18 by using convenience sampling. Based on the results of the study, the Guidance and Counseling Department addressed the factors causing cutting classes of senior high school students in terms of (1) guiding the students in maintaining good attendance and academic performance and (2) guiding the students in maintaining good behavior. Providing time table card in the ID effectively helped the Guidance and Counseling Department to avoid cutting classes of senior high school students. They used timetable cards, which help check the schedule of the students before they are permitted to enter the school premises to easily track the students wearing/changing improper uniforms to cut classes and effectively control the exit and entrance of the students in the school, and (2) regular attendance check, which became helpful in tracking the record of the student's subject in committing cutting classes (strand, grade level, and section) and in monitoring the attendance students with the improper uniform. The researchers recommended that students should be responsible, considerate, and obliged to follow their class schedules strictly. Student's attendance must be strictly checked and monitored by the teachers. The school administrators must do continuous counseling and guidance of the students to help them avoid and stop cutting classes. Parents should help their children by encouraging them to excel in school and guiding them in ways that can affect their behavior inside the institution.

Keywords: assessment, role, guidance and counseling, cutting classes

Assessment on Effects of Using Online Library Sources on Improving Collection of Review of Related Literature of Grade 12 Students in Bestlink College of the Philippines

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Abstract

This research is all about the assessment of the effectiveness of using online library sources in improving the collection of review of related literature and studies of Grade 12 students. This study was conducted because the students lack sources in completing their review of related literature and studies in their research. This study aimed to enlighten the students that they must not settle with books and the usual websites that they are only familiar with; instead, they should explore and discover better search tools and engines in collecting related references for their studies. The researchers used a quasi-experimental research design research that resembles experimental research and a survey method to gather information from the respondents. A total of 98 Grade 12 Accountancy, Business, and Management (ABM) students from ABM 12-02 were selected as the experimental group, and those from ABM 12-03 were chosen as the controlled group. The respondents were selected through purposive sampling. Based on the results of the study, using online library sources improved the data collection of Grade 12 students and had a significant difference in doing research papers in terms of (1) collecting accurate and legitimate data, which is extremely significant in doing a research paper because it defines the overall sense of the paper, and (2) avoiding plagiarism, which is one of the largest problems in doing research). Based on this study, using library sources will improve the research skills of the students most especially in avoiding plagiarism because those websites already have the complete list of citations. The difference in the data collection between students in ABM 12-02 who are using online library sources to gather information than those in ABM 12-03 who do not use online library sources was significant. The researchers recommended that students should explore the websites that the researchers introduced. Teachers should also study how to use those websites to teach their students. School administrators should add those websites to the curriculum, especially in Practical Research 1, and 2 and consider having online library sources that are accessible to the Bestlink students. Future researchers can use bulletin boards to introduce those websites that will help the students, especially researchers.

Keywords: assessment, online library sources, collection, related literature, studies

Feasibility Study on Establishment of Goday's Combination Flan in Sto. Niño, Novaliches, Quezon City

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Abstract

The traditional leche flan is a common dessert in the Philippines, especially for special events such as Christmas and New Year. The business location in Sto. Niño, Novaliches, Quezon City has a limited store that offers food. Hence, the researchers proposed a study of "Goday's Combination Flan," which is a business that offers leche flan with different kinds of toppings to make it unique and have a variety of choices for leche plan toppings. The researchers used a descriptive research method, with the administration of a survey questionnaire. The researchers surveyed 50 respondents in Sto. Niño, Novaliches, Quezon City to gather information, test the level of acceptability of the proposed business, and test the level of acceptability in terms of price, accessibility, and visibility. The researchers also applied the financial statement in the study to test the level of profitability in terms of financial viability in pursuing the proposed study. Based on the result, the proposed business got a high percentage in terms of acceptability by adding different choices in toppings to the traditional leche flan. The researchers also obtained a high percentage in terms of accessibility and visibility of the business where it will be established. Additionally, the financial statement showed that the business can earn and return the investment in the early year. Goday's Combination Flan is a dessert made up of eggs and milk, with different kinds of toppings. Goday's Combination Flan also ensured it has a good quality and affordable price that will surely meet or exceed the customer's expectation. Given that the operation has a standard quality of the product and due to its uniqueness, the customers will surely be satisfied with the product. Goday's Combination Flan has a general partnership, by which two or more people agree to share in all assets and liabilities. Goday's Combination Flan is unique because it offers different toppings.

Keywords: feasibility, establishment, Goday's Combination Flan

Assessment of Installation of Liquified Soap in Comfort Rooms in Proper Hygiene and Sanitation of Selected Grade 12 ABM Students

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Abstract

Liquid soap is the best-selling and most widely used detergent product group. This study helps a student inside the campus to become consistently healthy and clean when they go to the comfort room. Many comfort rooms are present inside the campus, but it does not dignify the word "comfort" because it lacks proper hygiene. This study aims for every student to be clean and sanitize themselves when they use the comfort room. This study helps the students in the school having this liquid soap and provide hygiene in every comfort room. The researchers used a descriptive research design and survey methods in gathering information. Nonprobability sampling was used and chose 50 respondents among Grade 12 Accountancy, Business, and Management Strand students from sections 1–18. Based on the results of the study, the installation of liquified soap in the comfort room improved proper hygiene and sanitation (practice washing of hands and using of sanitizers and other hygienic and sanitation materials when using the comfort room) and promoted discipline (students became more discipline in using the comfort room properly, especially in the moderation used of the hygiene and sanitation materials provided). The researchers recommended the students to do proper hygiene and sanitation, use any available soap, and provide their products if they want to. This study recommended that the teachers should be role models, discipline every student, and be creative in all ways. The researchers also recommended the school administration conduct a seminar and include a liquid soap in every comfort room. Finally, the researchers recommended future researchers use this work as a reference for their study.

Keywords: assessment, installation, liquid soap, hygiene, sanitation

Feasibility Study on Establishment of Shanghai Temptation in Santa Catalina St., Brgy. Holy Spirit, Quezon City

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Abstract

Shanghai is a more popular version of lumpiang Shanghai. The researchers came up with this study because of the popularity of shanghai. The researchers thought of a way on how they will serve a more delicious Shanghai to those who love it. Hence, the researchers came up with shanghai with a variety of flavors. Shanghai Temptation will be located at 444 Santa Catalina, St. Barangay Holy Spirit, Quezon City, and will have a startup capital of ₱1,000,000. The research method used was descriptive. The researchers surveyed 100 respondents near the proposed location to determine the viability of the business and identify the factors and potential that can occur in developing the business idea. The survey included questions about the respondents' socioeconomic characteristics, such as age, sex, educational level, and weekly budget. The researchers also utilized financials statement in identifying the feasibility of the business. The researchers defended the business on how it progresses in the market. The results showed the power and strength of the business to grow and compete with competitors. The researchers also determined the weaknesses that can be improved and overcome. According to the results of the survey, 40% of the respondents were aged 18–25 years old. The majority of the respondents were professionals who have their families. The respondents preferred to outsource catering services for their events because of their busy schedules. A total of 57% of the respondents were female. Although 55% of the respondents were single, 45% were married and have stable jobs. The business can generate enough revenue, and the return on investment (ROI) is expected in the early year of the business. If the business will be positioned and managed well, then the business will continue to grow per year successfully. The ROI of this proposed business is expected within 5 years, with a 10% increase in sales every year. Given that the business is not considered a necessity, the proponents are confident to invest in the promotion and price of the services. The main focus of the proponents was to ensure the business's viability in the market by having a strong marketing campaign to increase the popularity of the product. The business schedule fits the business; it runs 9 hours daily. The food product is well-prepared following the schedule of the event. Overall, considering proper budgeting and forecasting, the financial stability of the business to operate is sustainable.

Keywords: feasibility study, establishment, Shanghai, temptation

Feasibility Study of Pasta Con Yelo in Quirino Highway, San Bartolome, Novaliches, Quezon City

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Abstract

When the sweet tooth comes a knocking dish, luscious dessert is always present. The love for sweets results in the market of dessert grows over the last few decades, where it greatly increased by commercialism in the food industry. The presence of it has gone popular not only Lumachel in a restaurant but also in simple gatherings and as part of the everyday life of people. Hence, the researchers studied locals' desserts made by Filipinos. All ingredients and flavors were originally produced by locals. To twist these desserts, researchers combined them with rice pasta to make it heavy in the stomach. The researchers considered Filipinos to eat heavily on habit. The business aims to provide a unique dessert that can make a tummy full Lumachel in a place where everyone can enjoy themselves. The researchers applied the descriptive research method provided a questionnaire that will be used to test the sample population and the level of acceptability of the business in the vicinity where it will be established. Other than that, the business also applied the 4P's, SWOT analysis, and the four financial statements to test the level of profitability, liquidity, and solvency ratios in terms of vitality in pursuing the study. The results found out that the schools, business, and commercial establishment were highly acceptable because it is needed by the target market. Therefore, the proposed business has an escalating rate in profitability with a positive return of investment (ROI) of 138.66%, high liquidity, and a solvency ratio. This result indicated the capability of the business to operate and generate more revenue because all products are suitable for all potential customers, and it is strategically located in Quirino Highway, San Bartolome, Novaliches, Quezon City. Given that the business is in the food industry, it can easily attract customers compared with nonfood products. Filipinos love foods; hence, foods can be found everywhere, thereby resulting in high competition. Therefore, the researchers recommended investing in promotion and strategic prices of the products. The expansion of the store's branch is highly considered as the ROI. Partnership with other business establishments, schools, and private universities should be also considered.

Keywords: feasibility study, establishment, pasta con yelo

Feasibility Study on Establishment of Sky Haven Funeral and Massage at Commonwealth Ave., Quezon City

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Abstract

Different from other funeral services, the researchers used the concept of a funeral with massage to help the customers or relatives of a dead person to calm themselves from feelings of pain and being down and reduce their stress by giving them a free massage while he/she on the front of the burial. The business will provide full service, that is, funeral home and death care provider that aids families through their loss. The research method used was the descriptive research method. The researchers determined the growth in the funeral industry by surveying 100 respondents composed of the target market of the business, that is, the residents of Commonwealth Avenue Quezon City and the nearby area of the proposed location. The purpose of this survey was to identify if the massage service will apply to funeral services. This study also used the financial statement to determine the business capability in terms of earning and meeting its obligation. The result of this study showed that the business will be successful in 1 year of operation based on the financial analysis and return of investment. The business is the only funeral to Commonwealth Avenue. Based on the latest statistics, the death rate in Quezon city is 71.8%. Thus, the proposed business is feasible, and the probability of the income is high. The customers will purchase the service offered because it is affordable and has a unique concept by giving them free massage if they avail any of the packages and giving them satisfying service. The researchers found out that the business has a strong impact on the target market. The researchers can offer a more convenient service or price to maximize the profit and utilize the income garnered productively for the business to thrive. The business may expand after 5 years of operation through a franchisor-franchisee agreement.

Keywords: feasibility study, funeral, massage

HR Policy Development for Manpower Cooperative in Epifanio Delos Santos Avenue, Corner P. Tuazon Avenue, Quezon City

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Bestlink College of the Philippines

Abstract

The company is an established manpower cooperative that was formed in 2001. It has 5 branches in the Philippines, with a total number of 14,000 employees. They have 12,000 regular employees and 2,000 probationary employees. In its early years of services, the company was dedicated to providing opportunities and expanding its operation nationwide to cater to more enterprising people in the Philippines. The researchers conducted several interviews with the Human Resource (HR) to collect necessary information, policies, procedures, and common practices. Questionnaires were given to the HR managers. Studies from reliable sources have also been utilized as a reference and basis of this research. The researchers identified 39 existing policies at the company, which included the policies on appropriate/ethical behavior in the workplace, such as attendance, proper grooming and wearing of uniform, and smoking policy. The HR information management includes employees' 201 files, working/scheduled hours, and employment contracts. Compensation and benefits policies also included 13th-month pay, sick leave, vacation leave, maternity leave, paternity leave, medical insurance benefits, bereavement leave, recruitment, placement, and retention, job posting on the internet, walk-ins, and job fair. They have also had health cards and mandatory drug tests. In terms of staff development training, they had performance evaluation and management style. The role of staff representatives included duties and responsibilities. In terms of administration of justice included violence against sexual harassment, violence against company property and interest, violence against criminal acts, and due process. The researchers proposed policies that aim to enhance and improve the existing 27 policies. These proposed policies included dress code policy, conflict of interest, antiliquor policy, anti-office bullying, data privacy policy, outside employment, 105 days expanded maternity law, solo parent law, employee referral policy, anti-age discrimination, employee probationary, certified true copy of job contract, mental health law, lactating area, fitness program, fire safety policy, job rotation policy, employee promotion, employee performance review policy, performance coaching and mentoring, open-door policy, internship policy, anti-nepotism policy, and antibribery and corruption policy. It will help the company in the overall management of the operation in compliance with the Labor Law.

Keywords: policy development, procedures, enhancement, manpower cooperative

Feasibility Study on Establishment of DJLK Tattoo Shop at Brgy. Nova Proper, Quezon City

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Abstract

Nowadays, having tattoos has a negative connotation in our culture. Some people say that having a tattoo is a sin; it makes someone look like a criminal. The tattoo culture faces discrimination. However, the beauty of art and emotions in tattoos can be appreciated in many ways. Due to the increasing trend, there was a lot of innovation on tattooing that has been a trend to attract customers. Therefore, DJLK is a business that provides tattoo, henna, piercing, and tattoo removal services to fulfill the needs and wants of the customers that love art and fashion and eliminate the negative perception of tattoos. This study utilized the descriptive method, which was guided by different instruments such as survey questionnaire, SWOT analysis, and financial aspect. The main objective of implementing marketing strategies using SWOT analysis was to reach the target market and turn them into loyal customers. The business also used a survey questionnaire to gather respondents composed of students, professionals, and residents along Novaliches, Quezon City in determining the effectiveness and influence of appreciating tattoos to every individual. It also utilized financial statement to see if the business will grow and if it is productive and feasible. The researchers also wanted to determine the return of investment (ROI). The results of this study showed that the viability of the business prospecting to a great market in the tattoo industry is effective and efficient. Additionally, the number of demands in service doubled in terms of the level of acceptability and appreciation. The financial analysis showed that this business is remunerative to operate and will generate enough revenue and investment. The business effectuates the visible ROI of 0.68% in circulation every year. If the business is well-maintained and managed, then it will continue to surpass profit and success. For further improvement of this business, the researchers recommended systematizing the organization for the success of the business by being profitable and marketable. The management will have to gain the loyalty of the customer by assuring them the assurance by giving tokens to every customer that is availing of the services and promotions of DJLK Tattoo Shop. The researchers also recommended in terms of financial viability for the effective plan for ROI in the same year. That plan will be implemented to make the business profit.

Keywords: feasibility, establishment, DJLK, tattoo shop

Feasibility Study on Establishment of Baijiu Milk Tea Hub in Novaliches, Quezon City

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Abstract

The business of milk tea products expanded across the globe and now reached the Philippines. As businesses grew, various flavors of milk tea have been produced, but they are similar in taste. Milk tea has been a part of the Filipinos' lives nowadays. The milk tea industry in the Philippines has become in demand due to a great desire of Filipinos to drink something fresh and affordable in handy containers. This study determined how customers will accept milk tea products infused with minimal alcohol content (ethanol). This study utilized a survey questionnaire of the research sample with 100 customers of milk tea as respondents. This study regarded the perceptions of customers about the milk tea that has minimal alcoholic content (ethanol). Customers have been familiar with many kinds of regular milk teas of different brands and flavors, but they have not seen milk tea products with alcohol (ethanol) that is why the researchers add a twist to the regular milk tea by using a variety of alcohols. Based on the gathered information using the survey questionnaire, the customers would like to taste milk tea with alcohol; a total of 87% of surveyed respondents want to try the product. The expected answers had positive feedback because the surveyed customers agreed on and have a high percentage of being purchased. The researchers added a twist on the milk tea products in terms of ingredients and their health benefits to drinkers by adding a variety of alcohol that perfectly suits customers that do and do not drink alcohol. This result showed that the researchers have a positive outcome, with a 27% in terms of the return of investment in introducing the product to the prospective customers. This study can help milk tea customers learn about the positive and negative effects of drinking alcohol. This study also provided information about the perception of the customers if they are agreed about the proposed product, which is milk tea with alcohol. This study also determined the preferred milk tea flavor regarding customer perception. This study showed that not only the owners will benefit from the products but also the customers of milk tea.

Keywords: feasibility perception milk tea with alcohol

HR Policy Development for Kitchen Equipment Services in Las Piñas City

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Abstract

The company is a kitchen equipment service provider that focuses on commercial kitchen services, such as installing, designing, and renovating. The company was founded in July 2015 and is located in Las Piñas City. It has 200 employees because the company is in the early year of operation. The researchers find it beneficial by enhancing its current policies and procedure following the current law and best practices of other companies. The researchers visited the company to interviewed the Human Resource Admin Officer to know about their company policies and made a written interview with the permission of the HR. The researchers were permitted to have the company manual, which was used as the basis for proposing a new policy and enhance the existing policy, procedure, and program. According to the researchers' interview with the HR, they found out the company's current policies and programs include Dress Code, Identification Card, Tardiness, Return of Property, Smoke-Free Environment, Resignation, 201 Files, Authorized Leave, Timekeeping, Overtime Work, 13th-Month Pay, Statutory Holidays, Government-Mandated Benefits and Leaves, Medical Insurance Benefits, Hiring Policy, Recruitment and Selection Policy and Manpower Orientation, Full-Time and Part-Time Employees, Voluntary Separation, Healthy and Safe Workplace, Workplace Violence and Alcohol, Training and Development, Company Foundation, Company Outing, Lateral Transfer and Promotion, Performance Evaluation Appraisal, Autocratic Management Style Policy, Employee Duties and Responsibility, Dismissal of Employees, Handling of Disciplinary Action, Termination of Employment, and Due Process. The policy of this company provides the roadmap for a day-to-day operation in the workplace that ensures compliance with laws and regulations that the employees should follow. The researchers proposed policies and programs to enhance and improve the existing 19 policies. These proposed policies included Equal Opportunity Policy, Relationship in the Workplace and Conflict of Interest, Record Retention Policy, Service Incentive Leave and Special Emergency Leave, Internal Hiring Policy, Work-from-Home Policy, Team Building and Career Pathing Development Policy, Job Rotation Policy, Reward and Recognition Policy and Strategic Performance Management System, Open Door Policy, and Sanction for Clients/Customers.

Keywords: policy development, procedures, programs, enhancement, kitchen services

Assessment on Implementation of "No Plastic Policy" in Canteen and its Effectiveness in Reducing Plastic Use

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Abstract

Nowadays, it is common to see plastic bags and other materials made of plastic in convenience stores, fast-food chains, and even in streets. In Bestlink College of the Philippines, especially in the canteen, plastic is often used when serving foods, but it contains toxic chemicals that can mix with the food and can contaminate a poison, which directly transfers to the people who would eat the food placed in plastic. The importance of this study is to inform canteens and students that plastic can affect their health. This study can reduce the garbage in our society especially in schools. The researchers used a descriptive research and survey method to gather data. The respondents of the study were 50 selected Accounting, Business, and Management students from sections 12-01 to 12-10 and 10 canteens personnel. The researchers selected the respondents of the study using convenience sampling, wherein they were selected based on their availability. Based on the results of the study, the implementations of "No Plastic Policy" effectively reduced the use of plastic in the school canteen in terms of (1) imposed plastic bag charge (students must provide their container or plastic bags to avoid penalty and in the help of recycled materials we can use it as an alternative tool) and (2) used recycled paper containers and bags (it increased the sense of responsibility in applying 3R and the interest of using eco-friendly materials as an alternative way on reducing the usage of plastic bags especially the students who frequently buy food in the canteen). Students must behave and discipline their attitude toward this study. Teachers must keep on reminding and implementing the "No Plastic Policy" in the school. School administrators must implement the "No Plastic Policy" to help their students become responsible for the plastic that they use and lessen the plastic used in the canteen. This study will become the references of future researchers to give an idea on how do students' perception and attitude affects the implementation of reducing plastic bags and container in the school.

Keywords: assessment, implementation, no plastic policy, reducing, plastic

Assessment on Factors Affecting Public Speaking Activities in Improving Self-Confidence of Selected Grade 12 ABM Students in Bestlink College of the Philippines

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Abstract

Many students are inactive in the class, and one of the reasons is that they lack self-confidence. Most of these students are having their cases. Self-confidence is trusting one's abilities, qualities, and judgment. Low self-esteem is a companion for many people, especially those who experience depression, anxiety, phobias, delusional thinking, or who have an illness or a disability. The importance of this topic is to know how we can improve our self-confidence to achieve our goals and make the students aware of their fellow students. This is significant because as an Accountancy, Business, and Management (ABM) student, in addition to analyzing, we also do public speaking. However, it can be difficult to feel good about yourself when you are under stress because of symptoms that are hard to manage. This study aims to help students to avoid losing their self-confidence and help improve themselves. This study used a descriptive research design to describe or explain this study also whether public speaking improved the self-confidence of Grade 12 ABM students. The respondents were 50 Grade 12 ABM students from sections 12-01 to 12-09 MWF class schedules that were selected through convenience sampling. Based on the results of the study, conducting public-speaking activities improved the self-confidence of Grade 12 ABM students in terms of (1) reporting and research defense reporting, which can improve the self-confidence of the student (the student can answer confidently and overcome their nervousness during research presentation), (2) recitation (the student can confidently answer in the recitation and actively participates in class and lastly acquired high grade in the good performance), and (3) performing individual activities (performing individual activities can improve the self-confidence of the student during reporting and research defense, thereby allowing them to confidently participate in this activities. Based on the findings, the following recommendations were made by the researchers: The students should actively participate in the class activities and other public speaking engagements in school. Teachers should motivate their students and create more activities to build their self-confidence. The school administrators should continue conducting school activities that build and improve the self-confidence of the senior high school students.

Keywords: assessment, public speaking, self-confidence, reporting, recitation

Assessment on Factors that Influence Academic Behavior of Selected Grade 12 ABM Students of Bestlink College of the Philippines

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Abstract

In this study, the researchers discuss the influence of academic behavior. The researchers chose this study because most of students are now having a problem with their academic behavior, and it can affect their grades. It also aims to assess the effectiveness of the study group in improving the academic behavior of the students and address the factors affecting their academic behavior in the class. This study used the survey method because it is the most useful and applicable research method in the descriptive research design. The respondents of this study were 50 selected Grade 12 Accountancy, Business, and Management students in sections 3, 5, 6, 7, and 8. Respondents were identified using convenience sampling. Based on the result of the study, the factors such as peer pressure, social media, and family improve the academic behavior in terms of (1) attitude (peer group, family, and social media affected the behavior of the students toward their academic performances; it may negatively influence them in their studies, especially if not properly guided and monitored by parents), (2) time management (most of the time of the students is spent with peers and social media, thereby affecting their academic standing and behavior to perform actively in the class, and (3) confidence (social media, peer group, and family built and destroyed the confidence of the students). Hence, this is why parents should properly guide their children in choosing peer groups and spending time using social media. The researchers recommended that students need to be more effective when they have activities to avoid negative peer groups and excessive engagement in using social media sites. The teachers need to be role models to their students; they should not be permitted to use mobile phones during classes, except when it is truly necessary. The school is the most responsible to give the students a comfortable and good service to students.

Keywords: Assessment, Factors, Academic Behavior

Assessment on Improved Class Participation of Grade 12 ABM Students by Using Classroom-Based Activities

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Abstract

According to the study of researchers, the class participation of every student can improve to get high academic performances by using classroom-based activities. The relationship of students to their teachers is weak because of their self-confidence and attitudes. According to the researcher's observation, class participation was not maintained because most of the students did not have confidence in their skills. This study aims to include classroom-based activities before class discussion and assess their effectiveness in improving the participation of Grade 12 students in an individual group task. The researchers conducted classroom activities to 98 selected samples, that is, 49 from the 12-06 MWF class and another 49 from the Accountancy, Business, and Management Strand 12-16 TTHS class by using purposive sampling. This study used a descriptive research design and survey method. Based on the results of the study, providing classroom activities address the above-cited factors and improve the class participation of the students in terms of (1) individual tasks (student become more active in doing the individual tasks, and they become more motivated before the class discussion starts and (2) group tasks ((students become more participative and cooperative with others). Based on the results of the study, the researchers recommended that those students should be active during classes and class activities whether individual or by groups. The teachers should conduct activities for individual and for group tasks. School administrators should assess the effectiveness of the activities provided by the teaching for improvement.

Keywords: assessment, class participation, classroom-based activities

Effectiveness of "Clean as You Go" Policy in Improving the Cleanliness of the Classroom in Bestlink College of the Philippines

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Abstract

The topic of our research is all about the cleanliness of the classroom of Grade 12 ABM students in Bestlink College of the Philippines. The researchers chose this topic because every student can relate to this topic because they are experiencing the problem of how to maintain the cleanliness of their classroom. The problem with classroom cleanliness is one of the many problems a student encounters every day. The purpose of this research is to educate students on how important it is to have a clean and safe learning place that can help them positively and change their habits to be more productive. The research used a descriptive research design because it describes the situation that can happen to anyone that they can relate to. The method used was a survey questionnaire to gather the data. The respondents were 50 selected Grade 12 Accountancy, Business, and Management (ABM) students of Bestlink College of the Philippines. The respondents were selected through convenience sampling based on the respondent's availability. Based on the results of the study, the following conclusions were made by the researchers on how the "Clean as You Go" policy effectively helps the students to maintain the following: (1) Classroom cleanliness – "Clean as You Go" policy positively affected the students and the cleanliness of the classroom. Having a cleaner learning place can help them focus on their study. (2) Discipline – "Clean as You Go" policy positively affected the students' discipline; they were able to practice it with initiative and compliance because of a better understanding of the importance of maintaining a clean classroom environment to improve focus. Despite implementing the "Clean as You Go" policy, struggles were encountered by the Grade 12 students in maintaining the cleanliness of the classroom. The study was about maintaining cleanliness in the classrooms of Grade 12 ABM students of Bestlink College of the Philippines. It can help them be responsible and obedient in maintaining the cleanliness of their classroom and surroundings. Clean rooms will prevent diseases such as dust in the windows and flooring that are bad for those who may have asthma. It may also cause an uncomfortable experience to the students, which may hinder their productivity. Our sign "CLEAN AS YOU GO" policy is a great help for maintaining the cleanliness of the classroom.

Keywords: effectiveness, clean as you go, policy, cleanliness

Advocating Community Service in School to Maintain Clean Stairs and Hallway

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Abstract

The school becomes the second home of students, and it is a place where students can learn many things. Cleanliness holds a great significance in life. Cleanliness is one of the important things for healthy living. Hence, the school must maintain its cleanliness to lessen the chances of any bacteria and/or viruses that may harm the students. When the school is clean, students will less likely to fall ill. The researchers chose this topic because this year (2019), there was an increased number of students. The researchers think that more students will tend to throw improperly. Thus, this problem must be resolved to have a beautiful school. The purpose of this study was to promote the cleanliness of school stairs and hallways from getting dirty. This study used the survey method because most of the students are walking on stairs and hallways, thereby making it easy for the researchers to gather information from respondents. A survey questionnaire was the tool that was used by the researchers to gather necessary information. The researchers chose 50 Grade 12 Accountancy, Business, and Management Strand students from sections 12-10 to 12-18. The sampling method used by the researchers was a nonprobability technique. The result of this study provided the factors that influenced the cleanliness of the stairs and hallway in Bestlink College of the Philippines. In terms of discipline, students tend to violate the proper waste disposal and are not aware of the sanctions for this action. Students lack the initiative to clean. Therefore community service is applicable to maintain the cleanliness of the school. Based on the results of the study, advocating community service effectively can maintain cleanliness because students can apply proper waste segregation. It will also promote discipline and awareness in the students because the students will know the rules about proper disposal and its sanctions. Based on the result of the study, the researchers recommended conducting a community service program to improve the cleanliness of the school, providing more trash bins in the hallways and stairs should be implemented. Creating several signages that will serve as reminders for the students is also suggested, throwing the trash properly, and discussing the rules and regulations about maintaining the cleanliness of the school.

Keywords: advocacy, community services, clean stairs, hallways

Maintaining Clean Environment Inside the Classroom Affecting the Safety and Security of the Grade 12 ABM Students

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Abstract

This study is about promoting the safety and security of the students by maintaining a clean environment. Students want a pleasant and safe classroom to enjoy studying. Thus, they must learn how to maintain a clean environment. The researchers chose this topic because we always observe the dirt inside the classroom. Many of the students do not care about the trash, especially when they are doing other things. Sometimes, they will wait for the command before cleaning. The researchers made guidelines that will educate the students on how to be safe and be clean inside their classroom. The study can lessen the dirt inside the classrooms. This study used a descriptive research design because the problem is based on researchers' observations. We used a survey because it is the most reliable method to obtain real information and opinions about promoting the safety and security of the students by maintaining a clean environment. The respondents of the study were 50 selected Grade 12 Accountancy, Business, and Management students in Bestlink College of the Philippines in S.Y. 2019–2020. The researchers used a nonprobability technique because the researchers do not seek the profile of the respondents and the ease of information gathering using this method. The respondents agreed that maintaining a clean environment can positively affect the classroom ambiance and the safety and security of the students. Moreover, the assessment in terms of accomplishes cleaning tasks showed that they also agreed that the cleaning checklist is extremely effective in maintaining cleanliness. Lastly, the respondents also agreed that the cleaning checklist is extremely effective in maintaining a clean environment inside the classroom through the accomplished cleaning schedule. Based on the results of the study, the students became diligent in cleaning the classroom and monitored the cleanliness by having a checklist. Observing the cleaning schedule was also necessary. The researchers recommended always observe the cleanliness inside the classroom. The students need to be responsible for waste disposal. Cleaning materials should be provided to make the students practice cleaning their rooms.

Keywords: maintaining, clean environment, safety and security

Advocacy on Repainting Rusty Chairs to Maintain Good Classroom Ambiance in
Bestlink College of the Philippines

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Abstract

The students of Bestlink College of the Philippines are facing a problem with rusty chairs. It can affect the students because they are uncomfortable with their chairs and have low self-esteem because of the stains on their uniforms from their rusty chairs. Students are also judged by others because of how they look. Repainting the chairs will help the students to lessen their problems with their uniforms and help them to sit comfortably. The researchers used a descriptive research design because based on the observation, some students are afraid to participate g the English subject. The researchers also used a survey questionnaire. The respondents were 50 selected Grade 12 Accountancy, Business, and Management (ABM) students from ABM Strand sections 10-15 with a class schedule of TTHS. The researchers used the nonprobability technique because any of the populations being selected is unknown. The researchers also used convenience sampling because it involves collecting a sample that is near, convenient, and based on the availability of the respondents. The result of the study showed that students cannot focus on their classes due to having a rusty chair, which will cause them to have low self-confidence to participate in class activities. They are also being judge by others because of their looks. Sometimes, students were also scolded by their parents because of the rust on their uniforms. Repainting the rusty chairs will positively affect the academic performances of the students and help them focus and participate well in every lesson. It can create a positive and good ambiance in every classroom. Students will also be comfortable because they will not be bothered anymore by the stains in their uniforms. The study suggested that the students should know how to take care of their chairs until they finish studying at Bestlink College of the Philippines. Repainting the school chairs every vacation to have beautiful rooms for the students is important. Having chairs painted with light colors will be pleasant to the eyes of the students and will allow them to have a fresh feeling that will help them to concentrate more on the class discussion and activities.

Keywords: advocacy, repainting, classroom ambiance

Factors Influencing Grade 12 ABM Students to Vandalize Bestlink College of the Philippines's Premises

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Abstract

Vandalism in schools has become a critical educational and social problem. It is particularly serious at the high school level. Vandalism is the defacement and/or destruction of property, such as drawing graffiti and unnecessary illustrations and damaging the furniture of the school. Every institution should maintain cleanliness and good ambiance within its vicinity. In that case, every school should strictly implement the rules about vandalism because its presence makes the school facilities less attractive and even unusable. The researchers used a descriptive research design, survey method, and quota sampling to gather necessary information. The respondents of this study were 50 selected Grade 12 Accountancy, Business, and Management (ABM) students from sections 12-10 to 12-18 with the class schedule of Tuesday, Thursday, and Saturday. Based on the results, the factors influencing Grade 12 ABM students to vandalize Bestlink College of the Philippines's premises are the following: (1) peer pressure (it is one of the factors why many students vandal inside the school because young people are more easily affected to imitate their peers; they tend to follow their bad behavior to prove that they are independent and can do almost anything), (2) behavior (it has a great influence regarding the issue of school vandalism because most of them do not have discipline; as a result, they tend to write anywhere, such as in walls and other school properties), (3) freedom of expression (the students want to freely express themselves because no one can listen to their thoughts and rants; hence, they tend to write their thoughts in walls and draw on their armchairs to express their feelings), and (4) lack of awareness against vandalism (lack of informative guidelines such as the Republic Act about bullying and destroying school property serve as one of the problems encountered by the students with regard to vandalizing because they do not know the consequences of this action). The students should have the self-discipline to maintain the good ambiance of the school. The strict implementation of the rules and regulations about the vandalism is also necessary. Each individual should take part in educating others about the consequences of school vandalism. Additional study on how to lessen vandalism within the school premises is also important. Students should also realize the values of discipline and should respect the work of others.

Keywords: factor, vandalism, school property

Advocacy on Using Seat Cover as Effective Way of Maintaining Good Classroom Ambiance in Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

Most of the students in Bestlink College of the Philippines are facing the problem of having rusty chairs. This study is about the advocacy on using seat covers as an effective way of maintaining a good ambiance inside the classroom. Students must have good a surrounding whenever they spend time studying to acquire knowledge that they would adapt to their daily lives later on. Advocating the use of seat cover will help the students to sit comfortably. They will also look neat and presentable because there will be no rust stains in their uniforms because of the seat cover. The purpose of this study is to take action about this kind of situation by giving the students a task that they need to accomplish as their contribution to the betterment of their classrooms. This study used a descriptive research design because it describes the information easily. The researchers also used a survey questionnaire because it is particularly useful when gathering information. The respondents of this study were 50 selected Grade 12 Accountancy, Business, and Management (ABM) students from ABM sections 10–15 with a class schedule of T-TH-S. The researchers used a nonprobability technique because any of the populations being selected is unknown. According to the data gathered, the effect of maintaining a good ambiance inside the classroom was positive. The respondents agreed that providing seat covers can help the students lessen their works at home and make them look neat/presentable because seat cover is one of the ways for them to avoid having unnecessary stains in their uniforms. Maintaining a good ambiance can help the students to focus more on the lesson of the teachers. It will help the students to participate in the class discussion actively; at the same time, they will no longer be bothered by the classroom environment because it is maintained well and organized. According to the data gathered, the effect of maintaining a good ambiance inside the classroom is positive. The respondents agreed that providing seat covers can lessen the works of students at home and make them look neat/presentable because seat cover is one of the ways for them to avoid having unnecessary stains in their uniforms.

Keywords: advocacy, seat cover, maintaining good classroom ambiance

Effects of English-Only Policy to Students' Class Participation in Bestlink College of the
Philippines, S.Y. 2019–2020

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Abstract

This study was conducted because the researchers saw that most of the students are struggling to participate in their English class, especially when the class requires speaking, presenting, or exposing themselves during classes. The English-Only Policy is strictly imposed on students as a support to the learners of the language and train them to naturally use English in their everyday activities. The researchers made an action plan for improving the students' class participation through the English-Only Policy in Bestlink College of the Philippines. The researchers used a descriptive research design because based on the observation, some students are afraid to participate during their English class. The researchers also used a survey questionnaire. The respondents were 50 selected Grade 12 Accountancy, Business, and Management (ABM) students from ABM sections 10–15 with a class schedule of T-TH-S. The researchers used a nonprobability technique because any of the populations being selected is unknown. The researchers also used convenience sampling because this involves collecting a sample that is near, convenient, and based on the availability of the respondents. The results of the study negatively affect students' class participation because the policy cannot make the students participate in every class discussion because they do not know what exact words and expressions to use. Based on the results of the study, the following are the positive effects of the "English-Only Policy:" (1) Recitation – There are positive effects to the class participation of students regarding recitations, especially because they get more information on the topic. Thus, they actively participate in it. (2) Reporting – It innovates their strategies in presenting their work at the same time improving themselves in terms of reporting their topic using English. (3) Group presentation – Implementing this will improve their skills in different areas of presenting. The researchers recommended that students should not treat "English-Only Policy" as merely a policy but also a part of their learning. Students should know that learning English is a must, and you cannot make the same excuses over the same thing because learning is a process and there is always room for improvement. Thus, the researchers recommend that students should always learn and practice. Practice makes better, and better makes the best.

Keywords: negative effects, English-only policy, class participation

Effectiveness of Implementation of Strand Policy in Improving Classroom Management of Grade 12 ABM Students

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Abstract

This study was concerned about improving the classroom management as lead by classroom officers and creating strand policies that served as the common guide to all classroom officers of Grade 12 Accountancy, Business, and Management (ABM) to improve classroom management. The importance of this study is to equip grade 12 officers in managing their costudents inside and outside the classroom, keep the classroom organized, and build awareness of the students in every situation. The reason why the researchers chose this topic is that they observed that some students disobey the rules and regulations of the school. Different classroom officers also have varying approaches and management styles in dealing with their classmates. The purpose of this study is to guide all Grade 12 ABM students to have awareness of following the same strand rules to develop more distinction from other strands. The researchers sought other strategies on how the students will be reminded of the strand policy with the approval of teachers and strand heads. This study used a descriptive research design because the data were gathered through observation. The method that was used in this study was the survey method. The research design used was descriptive. The respondents of the study were 50 Grade 12 ABM students that were selected through purposive sampling. Based on the results of the study creating "Strand Policies" containing general classroom rules and regulations improve the classroom management of Grade 12 officers in terms of the following: (1) respect and peace in the class (class officers implement peace and order, resulting to respecting one another especially teachers during classes), (2) cleanliness of the classroom (class officers had the same standard in maintaining the cleanliness in the classroom), and (3) orderliness/proper attire of the students (class officers effectively helped their classmate in obeying the proper school attire during classes). To effectively help the class officers in classroom management, the strand policies should be implemented in Bestlink College of the Philippines. Strand policies contain and discuss the rules and regulations that should be followed by the students and implemented by the teachers with the help of class officers. This harmoniously helps create good classroom management.

Keywords: effectiveness, strand policies, classroom management

Advocacy of Providing Cleaning Materials and Checklist to Maintain Clean Environment in Bestlink College of the Philippines

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Abstract

This study is all about the evaluation of improved classroom cleanliness and ambiance by providing cleaning materials and a checklist. Most of the students lack discipline and participation in maintaining the cleanliness of the school. Providing the cleaning materials and cleaning checklist motivates and engages the students to do their cleaning tasks responsibly. The importance of conducting this study is to help the teachers, administrators, and students to know how to keep their classroom clean to have a good classroom ambiance. This study used a descriptive research design and survey method to easily gather the data needed. The researchers used convenience sampling because based on the availability of the respondents. The respondents were composed of 50 Grade 12 Accountancy, Business, and Management (ABM) students from sections 12-01 up to 12-09. Based on the results of the study, providing cleaning materials and checklist helped Grade 12 ABM students in maintaining the cleanliness of the classroom in terms of the following: (1) cleaning materials (providing cleaning materials is an extremely effective way to help the students in maintaining the cleanliness of their classroom; it is extremely helpful to urge them in cleaning their classroom) and (2) cleaning checklist (providing cleaning checklist is an extremely helpful way for the students to monitor and check the tasks that they need to do; it helps them to be responsible in cleaning their classroom before leaving). To effectively maintain the cleanliness of the classroom, the following recommendations were made: (1) Cleaning materials that are enough and durable should be provided for the students to have no reasons not to clean their room before and after classes, and (2) cleaning checklists that will monitor the accomplished tasks of the cleaners should be provided to effectively provide sanctions for noncompliant students.

Keywords: advocacy, cleaning materials, cleaning checklist, clean environment

Promoting Student Talk among Grade 12 ABM Students to Improve Classroom Conversations

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Abstract

Student talk aims to improve classroom conversation. They can express their feeling by telling their story according to strategy. The importance of the topic is to inform the students and teachers that improving conversation inside the classroom can improve the student's academic performance. This research also aims to improve the students' self-confidence in expressing their feeling. The researchers chose this topic because students' behavior is affected by their problems at home, thereby affecting their relationships with other people and their academic performances. The purpose of our study is to give awareness to the students and teachers on how to resolve these issues, promote healthy classroom conversations inside a room, and avoid having a disrespectful attitude. The study adopted a survey method, which is applicable in any research. This study used a descriptive research design because the main problem or concept of the study is based on observation inside the classroom. The respondents of the study were 50 Grade 12 students that were selected through quota sampling. Based on the results of the study, student talk activities addressed the problems and improved the conversation and communication of the students to other person in terms of (1) bible study (it helped them develop a good conversation with their classmates and teachers; they also gain encouragement, motivation, and moral and spiritual support they needed; they can also share their personal problems and develop trusts to one another, having the care and concern with other people without any judgement), (2) homeroom (it helped them develop a good conversation with their classmates and teachers; with the help of the teachers, they were able to identify the issues inside the classroom and address it immediately to develop the harmonious relationship and communication with one another), and (3) counseling (it helps the students to address their problems affecting their academic performances in the school; with proper counselling from the teachers and school guidance and counsellor, they will be able to open up their problems and struggles to direct them to do the right thing). It also developed their trust in themselves and other people. To effectively improve the classroom conversation, the recommended are as follows: (1) student talk activities such as bible study, care group, and other group discussions that help them speak out should be conducted, (2) sharing in homeroom discussion is an effective activity for student because this the way to express their problem to their teacher, and (3) students can talk individually in forums, which may lessen the pain they have.

Keywords: promoting, student talk, classroom conversation

Advocacy on Inclusion of Values Education in Classroom Discussion Affecting Moral Values of Grade 12 ABM Students

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Abstract

This study focused on improving the moral values of Grade 12 students through values formation discussion. The importance of our topic is to give an idea to every student that teachers must be respected for playing an important role in the life of the students. Aside from parents, teachers also shape the student's character by imparting knowledge, especially about having a good impression of themselves. This topic was chosen because the researchers want to remind students that teachers are our second parents. Teachers are not strangers nor our enemies. The purpose of our study was to teach some students who do not use the correct manner of speech to some personnel, especially teachers, and improve the moral values of every individual. The researchers used a descriptive research design and survey to collect the desired information from Grade 12 Accountancy, Business, and Management (ABM) students. The data were gathered by giving questionnaires to the respondents. The researchers chose six respondents from ABM 12-01 to 12-08 and additional two respondents from ABM 12-07 for a total of 50 respondents. Based on the results of the study, the inclusion of values education in the classroom discussion improved the moral values of the students in terms of (1) social development (everyone has different beliefs that affect their social development; through values education, they learned to respect others' beliefs and treat others with respect, especially teachers) and (2) school environment (students develop a positive mindset and show respects to costudents, especially to teachers and visitors. To maintain and continuously improve the moral values of the senior high school students, the researchers recommended that school administrators should elaborate and effectively discuss the school core values and ethics in the students' orientation. Teachers must also be knowledgeable in implementing the core values of the school and continuously include values education in class discussions. Students must be compliant with school core values and apply their learning from values education.

Keywords: advocacy, inclusion, values education, moral values

Boosting Self-Esteem of Grade 12 Students through Enhanced Public Speaking

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Abstract

Self-esteem is one of the most important things that should be built within oneself. Students struggle with their self-esteem because it is a crucial process to improve. Some people may think this process is either hard or easy. It always depends on how an individual is going to handle such a situation. However, in this case, the majority of people who are having a hard time expressing themselves are students. Given that the school is where interacting and communicating is a must, generally in a large group of people. One of the examples of the activities that the students are having a hard time participating in are groupings and reporting because it involves public speaking. Therefore, researchers conducted this study to determine or give a solution to this problem. The researchers used a descriptive research design and survey to collect the desired information from the Grade 12 Accountancy, Business, and Management (ABM) Strand students. A total of 50 respondents from Grade 12 ABM Strand were selected through purposive sampling. The result of this study showed that conducting public speaking activities, such as repeating self-information without interruptions and sharing devotions in front of the class, can effectively improve their self-esteem. Researchers found out that social environment is one of the factors that influence the students' self-esteem. Students are having a hard time communicating and expressing their feeling because they are anxious about what people may think about them. The second factor that affects students' self-esteem is the school environment. Expressing their emotional feelings inside the school causes their low self-esteem, but it also keeps them inspired to increase their confidence. The researchers recommended that the students must know their worth to improve and be willing to build their self-esteem. The teachers should encourage their students to participate and practice public speaking inside the classroom. The school administrators must conduct public-speaking activities for the students. This study may serve as a guide and reference for future studies.

Keywords: boosting, self-esteem, enhanced, public speaking

Advocacy on Reducing Paper Consumption of Grade 12 ABM Students Through 3R Process

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Abstract

The importance of this study is to promote the value of reducing the paper consumption of students in school. The researchers chose this study to help Grade 12 Accountancy, Business, and Management (ABM) students to reduce their paper consumption and practice recycling used paper and turn it into something useful. Students and teachers consumed a considerable amount of paper, especially when doing school works. This phenomenon also results in a large volume of paper waste inside the classroom, Hence, the researchers came up with this study to help the school administrator in reducing paper waste in school. The researchers used a descriptive research design that describes the characteristics of the population or phenomenon that is being studied. The respondents of the study were 50 Grade 12 ABM students that were selected through the convenience sampling technique. Based on the results of the study, using the 3R process effectively reduces the paper consumption of Grade 12 ABM students in terms of 3R. (1) Reduce – The students used their paper properly. They made sure that all pages are used before buying new sets of notebooks or pads of paper. (2) Reuse – Students reused papers that are still useful in their class activities or projects, which lessened their expenses and reduced paper wastes inside the room. (3) Recycle – Students learned how to be creative and resourceful. It also helped them lessen their expenses by selling a product by using recycled papers, and the money that they saved was used to pay other expenses in our school. To effectively reduces the paper consumption in school, the following recommendations are proposed: (1) reduce – avoid the replacement of paper for a simple mistake and use paper wisely when doing paper works, (2) reuse – reuse pads or notebooks that are not yet consumed and used it up to its last page, and (3) recycle – recycle paper and turn it into something useful in daily activities to lessen paper wastes.

Keywords: advocacy, reducing, paper consumption, 3R process

Providing Cleaning Materials in Comfort Room to Maintain Good Hygiene and Sanitation of Grade 12 ABM Students

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Abstract

This research aims to resolve the problem caused by the lack of cleaning materials in the school comfort room by posting signages and rules in using the comfort room. This study aimed to improve the cleanliness of the school's comfort rooms. This topic was chosen for the students to become responsible in using the restroom and follow the rules in maintaining its cleanliness. The research methods used in this study were survey and a descriptive research design. The respondents of the study were 50 Grade 12 students that were selected through convenience sampling. Based on the results of the study, providing cleaning materials in the comfort room of Bestlink College of the Philippines maintained the following: (1) Cleanliness of the comfort room – It helps the students to maintain its cleanliness; however, some undisciplined students did not follow the rules and regulation in cleaning the comfort room. (2) Good hygiene and sanitation – It prevented the spread of disease-causing bacteria. It also helped students to be clean, thereby avoiding getting sick by using sanitizers. To effectively maintain the cleanliness of the comfort room in school, the researchers recommended the following: (1) Providing cleaning materials in the comfort room – The school should maintain the water supplies and cleaning materials in the comfort room. (2) Hand soap and sanitizers – The teachers and school administrators should recommend to their students to bring their hand soap and sanitizer for them to practice proper hygiene and sanitation after using the comfort room and to avoid bacteria causing diseases. (3) Posting signboards and reminders – School administrators should post reminders inside the comfort room on the proper use of the cleaning materials provided.

Keywords: providing, cleaning materials, comfort room, hygiene, sanitation

Enhancing Self-Esteem of Grade 12 ABM Students through Life Class Sessions

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Abstract

Self-esteem refers to self-worth, which is a feeling of respect for oneself and how an individual feels about themselves. This study aims to help the Grade 12 Accountancy, Business, and Management (ABM) students to develop high self-esteem to can perform better whether in school or outside the school without fear and hesitations that they cannot do better. Many of the students did not develop high self-esteem because of different factors around them, such as family, school, community, and media/social media. The researchers' aimed to conduct life class sessions discussing self-esteem, how it develops, and how it can be helpful for the students in reaching their academic success. This study used the survey method because it is one of the most convenient ways of gathering data. The research design used by the researchers in this study was descriptive research design. The respondents of the study were 50 Grade 12 ABM students with low self-esteem that were selected through purposive sampling. Based on the results of the study, life class sessions improved the self-esteem of Grade 12 students and effectively helped them to become more motivated and develop good self-worth, self-trust, and self-esteem. Life class session helps the students to develop a right perception about themselves and how to perform better in their class. To effectively address the factors affecting the self-esteem of Grade 12 students, the researchers recommended the following. (1) Social factors – Students should filter what they received from other people and their environment. They should limit the use of social media and watching shows affecting their self-esteem. Students should also surround themselves with people who will encourage, motivate, and inspire them to do better and trust their selves. (2) Family background – Parents should orient their children how they perceived their self-esteem and self-worth regardless of the socioeconomic status and educational background of parents and siblings to encourage them to study hard and do better despite having low or high socioeconomic status.

Keywords: enhancing, self-esteem, life class sessions

Assessment on Providing Equipped Faculty Room per Strand to Improve Teachers' Productivity

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Abstract

The research was conceptualized to determine the assessment on providing faculty room per strand to improve teachers' productivity. The school provided a cubicle for teachers inside the classroom of their advisory class. However, some teachers had a faculty room, wherein they can focus on doing their school works, such as recording, lesson plans, and activities. However, a cubicle can be distracting because of the noise of the students during class discussions. The results of the study can be a basis for the improvement of teachers' productivity by providing separate faculty rooms for all senior high school teachers per strand. The researchers used a descriptive research design and survey method to gather the data needed in this study. The sampling technique used was purposive sampling, wherein six teachers per strand were selected to present the entire population of their strand in the senior high school department. Based on the results of the study, proper ventilation and good working conditions were the factors affecting the productivity and preparedness of senior high school teachers. The teacher's productivity using the faculty room was assessed and resulted in the following: (1) Timeliness in the report – Faculty room per strand positively affected their productivity in terms of timeliness in submitting reports and other paper works needed. (2) Accomplished work – Providing faculty room per strand positively affected their productivity in terms of the number of accomplished works. They can finish their workloads, such as lesson plans, recordings, and visual aids. To effectively improve the productivity of the teachers, the researchers recommended the following: (1) Proper ventilation – The faculty room must have proper ventilation to avoid bad health conditions, thereby maintaining good performance and attendance. (2) Working conditions – The faculty room must have enough facilities and equipment for teachers, such as tables, chairs, cabinets, and any equipment such as computers and printers that add to the productivity of the teachers.

Keywords: assessment, equipped faculty room, teachers, productivity

Analysis on Effectiveness of Using Queuing Number in Enhancing Services of Cashiers in Bestlink College of the Philippines

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Abstract

This study aims to analyze the effectiveness of using a queuing number in the payment services of cashiers in Bestlink College of the Philippines. Queue means the mathematical study of waiting lines; it is also the process of waiting or scheduling. As a student, we want to help the school to enhance the services of cashier because it has been observed lately that the process of waiting line is getting slower than usual, especially every time the students' needs to pay for their miscellaneous fee. The results of the study can be used as a basis to improve cashier services. The research design used in this study was descriptive. The study used the survey method, which is precise and the easiest way to collect the data that we needed. The respondents were 50 Grade 12 Accountancy, Business, and Management students that were selected through the convenience sampling technique. Based on the results of the study, using queuing numbers enhanced payment transactions and the services of the cashiers in using queuing numbers in terms of the following. (1) Number of transactions of payment – Queuing number represents the number of transactions; hence, there must be one queue number per payee to avoid long transactions of payment. (2) Duration per transaction – Using the queuing number helps to shorten the waiting line and duration per transaction. Based on the results, the results recommended the following. (1) Number of transactions of payment – Limiting the number of transactions means the number of the students must have the limit in the capacity of 500 students per day. To avoid the cut-offs that can waste the time of the students by waiting in the waiting line. (2) Duration per transaction – Set a duration per transaction between the payee and the cashier personnel because the more that the transaction continues to get longer the waiting line as well. (3) Number of cashiers – The number of cashiers should be increased, or a payment department should be established on the MV campus.

Keywords: analysis, effectiveness, queuing numbers, enhancing, cashiers' services

Effectiveness of Voluntary Community Service to Maintain Cleanliness of Tullahan River in Nitang, Novaliches, Quezon City

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Abstract

Tuliahan River is one of the rivers that created a flood in Novaliches, Quezon City, which affects many families with their daily living. The researchers came up with this idea because they want to give them advice and guidelines to express their concern about this problem. Ondoy is a super typhoon that marked a tragic end to thousands of lives because of its unpredicted flash floods. Nowadays, people generally encounter. Some people express their disappointment because of the flood, and one of these causes is foul smell and other diseases they can get from it. The researchers came up with this study entitled "Advocacy to Improve the cleanliness of Tuliahan River in Nitang, Novaliches, Quezon City." The researchers will be able to know what will be the alternative way to lessen the people who are involved in the impurity of the Tuliahan River. The researchers used the survey method to collect relevant information and data. The respondents of the study were 50 selected Grade 12 Accountancy, Business, and Management Strand students living in the area. The respondents were selected purposively for a better assessment of the study. Based on the results of the study, the main reason why the people living near that area is having struggle to prevent the river from being polluted. Based on the findings, conducting community service can improve the cleanliness of Tuliahan River in Nitang, Novaliches, and it may also help the residences in terms of the following. (1) Concerning the waste collected, there is a positive condition in lessening the waste collected because there is a time to segregate their garbage along the river. The students that are living in that area, together with other residents, will also be able to segregate their waste and avoid throwing it in the river. Garbage should be collected three times a week. (2) Concerning the health condition and lifestyle of the residents, community service should be conducted to improve the condition and quality of water in the river. Conducting community service will also be a protection of the residents against harmful diseases coming from the dirty river. It will also help them to become responsible. The residents are recommended to be focused on the alternative ways on how to prevent river pollution. Trash should be segregated to biodegradable, nonbiodegradable, and recyclable should be implemented.

Keywords: effectiveness, community service, cleanliness

Enhancing Reading Comprehension of Grade 12 ABM Students by Reading Vocabulary Words

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Abstract

According to Dr. Seuss, "The more that you read, the more things you will know. The more that you learn, the more places you'll go." To do this, people need to start with basic skills, such as reading comprehension skills and vocabulary knowledge, that will be used throughout their lives. The reader uses knowledge, skills, and strategies to determine the meaning of the word. Reading comprehension is the heart and goal of reading because the purpose of all reading is to gather relevant information from the printed page. It is an act where a person understands what he/she is reading. Thus, every reader should engage himself/herself with the texts for easy understanding. Through convenience sampling, 50 Grade 12 Accountancy, Business, and Management (ABM) students were chosen by the researchers as the respondents of this study. The survey method was also used because it is one of the easiest ways to gather relevant information. Based on the results of the study, the following are the factors that affect the reading comprehension of Grade 12 ABM students. (1) Self-confidence – It is one of the problems of students because they do not have enough ability to deal with many people. They find it hard to communicate with others because they do not know what are the appropriate words to say. (2) Vocabulary words – To have a deeper understanding of the texts, students must be able to comprehend the vocabulary words that are used in the piece of writing. In this case, students have difficulty regarding the correct pronunciation of some unfamiliar words. Some students face difficulty in incorporating new words as they speak. Thus, they are afraid that they may be misinterpreted by other people. Based on the results, this study determined the students' reading performance and evaluated their strengths and weaknesses in terms of reading. Awareness about the student's struggles with reading comprehension should be done because it is one way of enhancing the reading comprehension of the students. The quality of education should be improved, and the English language skills of the students should be developed by at least giving them tasks where the students can learn new vocabulary words.

Keywords: enhance, reading comprehension, vocabulary words

Providing Guidelines Regarding Clean Environment to Avoid Vandalism in Comfort Rooms of Bestlink College of the Philippines

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Abstract

This research is about the importance of reducing violence and vandalism to the comfort rooms and corridors of BCP. The researchers chose this topic because we want each part of the school to be clean even if it is not always seen by students. This study shows that basic social problems and attitudes are the root causes of vandalism. Vandalism is still and will always be a growing problem unless we do something about it. Vandalism involves destroying other people's property, such as benches and windows. The researchers want to resolve this problem to lessen the vandalism in our society. This study used a descriptive research design, which describes the characteristics of the population or phenomenon that is being studied. In our study, we used the survey method because it is the most applicable tool to use in our study. The respondents of the study were 50 Grade 12 students, that is, 25 males and 25 females. The researchers used convenience sampling because the respondents were chosen based on their availability. Based on the results of the study, the following are the factors that influence why Grade 12 Accountancy, Business, and Management Strand students want to vandalize inside the comfort room. (1) Family problem – Family problem is one of the huge problems that cause a child to rebel. It influences the mindset of the students to think that they are not loved by their parents. (2) Bullying – Bullying also influences the mind of a teenager. It can cause loss of self-confidence and self-worth; hence, vandalism is their only way to express their feelings and wants. (3) Form of expression – Students are vandalizing as they see it as a form of expression; peer pressure is one of the things that causes the students to vandalize. As they see on other teenagers, they imitate their action that they think is right and kind of fun to do. The students must be responsible for their actions. They should know what is right and wrong, keep in mind that vandalizing does not make one cool, and learn how to open your heart and thoughts and feelings to someone you are comfortable with, especially to your family and friends. It will also be a great help if the students will be oriented about the rules and policies about vandalism. Having a freedom wall where the students can freely express their feelings may lessen the vandalism inside the school premises.

Keywords: advocacy, vandalism, clean environment

Assessment on Implementing 3R (Reduce, Reuse, and Recycle) in Improving Waste Management of Selected Senior High School Students at Bestlink College of the Philippines

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Abstract

Reduce, Reuse, and Recycle, which is also known as 3R, have many effects in one's country or community. It can make the community grow better and lessen the garbage in the surroundings. The researchers undergo this research to assess the effects of 3R in the community. The researchers assessed the effectiveness of the 3R process inside the Bestlink College of the Philippines, with the participation of the students and using the materials provided in segregating the waste materials. This study used the survey method because it is the easiest and most used method in descriptive design. The respondents of the study were 50 Grade 12 Accountancy, Business, and Management students that were selected through convenience sampling. Based on the results of the study, promoting 3R was an effective practice to improve waste management and promote the following. (1) Maintain cleanliness – It reduces waste, thereby having a good and clean environment; having fresh air; and preventing the pollution that helped to the students, teachers, and other personnel to do the task that they are doing smoothly. (2) Develop discipline and creativity – Proper waste disposal will make the surrounding of the school clean. Students may use their ability to do some unique ways such as creating new products by using recyclable material dry crafts. Researchers recommended focusing on the scattered wastes around the school. With the help of recyclable waste, we can create a new product that will provide extra income. The teachers and school administrators can conduct a project about proper waste segregation by following the 3Rs inside the school.

Keywords: assessment, implementing, 3R, waste management

Assessment on Effectiveness of Conducting Tutorials to Selected Grade 11 ABM Students to Improve their Academic Performance in Accounting Subject

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Abstract

The researchers want to help improve the academic performance of Grade 11 Accountancy, Business, and Management (ABM) Strand students in Bestlink College of the Philippines by conducting tutorials with the help and guidance of teachers. The researchers purposively choose all students of ABM sections 11-05 and 11-09 as the respondents. The researchers used a quasi-experimental research design to assess the significant difference in the academic performance of ABM 1105 with accounting tutorials to ABM section 11-09 without tutorials. The researchers used the survey method. The study was conducted at Bestlink College of the Philippines. The study concluded that conducting accounting tutorials was very effective in improving the academic performance of Grade 11 ABM students in terms of the following. (1) Performance tasks – After conducting tutorials, students started actively participating in class. They were also able to finish the tasks easily, they can cope up with the discussions easily too. Lastly, after the tutorials, they are now reciting in class effectively. (2) Written works – After tutorials, the students can analyze the transactions easily, which is an important variable if they want to improve their academic performance in accounting subjects. They also have better scores in quizzes, and they can answer the quizzes easily without errors of any kind. (3) Quarterly assessment – It helped the students improve their performance tasks and written works, as well as their quarterly assessment. The researchers recommended that students should have more practice in accounting subjects. They should also have a tutor for accounting subjects if they cannot cope with the discussions in class. Teachers should conduct tutorials in accounting subjects for the students. Using this strategy, the students can understand the accounting subject more and they will improve their academic performance. For school administrators, they can implement accounting tutorials as a program for the students. Lastly, future researchers should seek more to get closer to the main result of this study.

Keywords: assessment, tutorials, academic performance, accounting subject

HR Policy Development for Manpower Services Corporation in Quezon City

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Abstract

The company is a recruitment agency located in Quezon City. This company has 14 clients nationwide, all of which are manufacturing companies with 1,600 employees. Given that the company has been operating for almost 10 years and Lansana is still growing, the researchers want to review and enhance their current policies following the current law and best practices of other companies. The researchers used qualitative methods, such as face-to-face interviews with the HR officer/s and questionnaires, to gather data and seek a basis and justification about their current policy. The researchers also used online resources as references for best practices because it was compared and contrasted with the company's manual and different other company's manual. According to the gathered information coming from the HR supervisor, the manpower industry implemented the following policies: Attendance Policy, General Policies on Conduct, Personal Information and Confidentiality, Basic Benefits and Payment of Wages, Maternity Leave, Paternity Leave and Night Differential, Employment Status, Drug-Free Workplace Policy and Program, Alcohol-Free Workplace Policy and Program, Smoke-Free Workplace Policy and Program, Workplace Policy and Program on Hepatitis B, HIV/AIDS Workplace Policy and Program, Workplace Policy and Program on Tuberculosis Prevention and Control, Resignation and Performance Evaluation, Job Description of HR Coordinator, Company Rules and Regulations, and Sexual Harassment Policies and Procedures. The researchers proposed 15 policies, namely, Anti-Age Discrimination, Anti-Office Bullying, Data Privacy Policy, Bereavement Leave, Solo Parent Leave, Enhancement of Retirement Benefits, Seasonal Employment, Lactation Program, Occupational Safety and Health Standard, Enhancement Training and Seminars, Lateral Transfer, Employee Recognition, Open door Policy, Enhancement of Duties and Responsibilities of HR, and Procedure of Termination with Incurable Disease. Policies that are developed and enhanced by the researchers may be beneficial for use or reference of the company.

Keywords: policy development, manpower industry and procedures

Assessment on Effectiveness of Using 50-30-20 Rule in Improving Budgeting Skills of Grade 12 ABM Students

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Bestlink College of the Philippines

Abstract

The research topic is budgeting and how the students can improve their budgeting skills. Budgeting is a plan that is used to decide the amount of money. Good budgeting is spending less than you are earning as you plan for your financial goals. It is also a process of creating a plan to spend and invest your hard-earned money wisely to meet your personal financial goal. It should not be a mathematical exercise that we think we have to endure; rather, it is the result of self-assessment of our relationship with money and a necessary road map to steer toward to higher standard and quality of living. This study aimed to improve the budgeting skills of students to know how to budget money the right way. Following a budget or spending a plan will also keep them out of debt or help their way out of debt. Budgeting shows all the monthly cash inflows and outflows, which will allow them to achieve financial goals by helping them identify spending and saving habits. Given that budgeting allows us to create a spending plan for our money, this study used a qualitative descriptive research design. The researchers created and served survey questionnaires that will help us gain insights into the study. The collected data were evaluated, and conclusions were drawn. The respondents of the study were 50 Grade 12 Accountancy, Business, and Management (ABM) students that were selected through quota sampling. Based on the results of the study, practicing the 50-30-20 rule addressed the above-cited problems and improved the budgeting skills of Grade 12 ABM students in managing their allowance in terms of (1) avoiding the shortage of allowance (the students avoided shortage of allowance), (2) saving excess allowance (practicing the 50-30-20 rule helped them save their excess allowance in school), and (3) improve knowledge in proper budgeting (students practicing 50-30-20 improved their knowledge about proper budgeting). The researchers recommended that the students should apply the 50-30-20 rule in managing their allowances. It is also applicable and beneficial to the teachers and school personnel in managing their salaries. The school administrators must help the students and teachers to improve their financial management by conducting financial wellness programs or literacy.

Keywords: assessment, 50-30-20 rule, budgeting skills

Analysis of Students' Preferences as Academic Source of Information

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Abstract

The research topic focused on the analysis of the library and Internet as an academic source of information. The researchers chose this topic because the library and/or Internet are the most commonly used sources by the students of Bestlink College of the Philippines to get information. The purpose of this research is to let the students know what is best to use to improve their academic performance. It will also allow them to be aware of how to get information from the Internet and library. The researchers used the survey method because this is the most applicable method to use in gathering necessary data. It is also defined as a research method for collecting data from a predefined group of respondents to gain information. The researchers used convenience sampling because the respondents were chosen based on their availability. Based on the results of the study, the Internet and library helped the students to find information and improve their academic performance. In terms of the process on how to find information, the library is being left behind because the Internet is considered the most powerful and fastest tool that can be used by students to get information nowadays. Using the two can improve the students' academic performances because it will be easy for them to gather information. The researchers recommended that students should use the library and the Internet to gather information because it will help them to expand their knowledge and develop their thoughts about getting preferences. More focus must be given to encourage the students to continuously use the library to obtain more reliable information because books have been reviewed before publishing. The use of the Internet was also recommended by the researchers because it also provides timely information and is constantly being updated. A rule that may allow the students to spend one to two hours using the library must be implemented.

Keywords: analysis, students' preferences, academic sources, library, internet

Establishing Life Group Sessions as an Effective Management Practices for Grade 12 ABM
Students in Planning their Life Goals

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Abstract

A life group is a group of people who come together regularly for a specific or common purpose. The individuals involved in the life group sessions need to connect and/or discuss the challenges about someone's life because it has something to do with sharing thoughts. People getting together is a good opportunity for them to grow closer together and make plans to be more accountable with each other. This is a practice of interpersonal relations to improve social skills that may help a person to be more sociable and be successful in terms of life goals. A life group session is one of the keys to developing connections with people who have the same interests or similar life situations. The researchers used the survey method to easily gather the necessary information. The respondents of this study were 50 selected students from the Grade 12 Accountancy, Business, and Management (ABM) department with a class schedule of Tuesday, Thursday, and Saturday. The researchers also used nonprobability sampling because any of the populations being selected is unknown. To be specific, the researchers used convenience sampling because of the availability of the students to answer the questions. The results of the study in terms of planning, leading, and decision-making will help the students in creating and setting their plans to achieve their life goals. The students will be able to come up with the right decisions about their certain priorities, that is, things that they need to do or not. It will help the students to have a broad perspective and expansive understanding in making decisions toward their life goals. It will also help the students to grow and develop as mature individuals. The benefits of this study will help the selected Grade 12 ABM students in terms of motivating themselves by planning and decision-making to achieve their life goals. The researchers recommended that Grade 12 ABM students should learn how to boost their confidence and look for positive things such as inspirational and motivational advice from their families and even friends. Students should also be matured enough regarding how to control their behavior or attitudes, and they should also deal with their problems with proper solutions. To achieve life goals, look for the positive things in life that may be the result of it because it can give people a sense of direction and make them accountable as they strive for success.

Keywords: life group, effective management practices, life goals

Effectiveness of Using Plastic Cover Box in Improving Classroom Physical Environment in Bestlink College of the Philippines

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Abstract

A classroom is a place where the students are taught. Therefore, classrooms are needed to be presentable and have a good ambiance that is conducive to learning. Students complain about the common problems in their classroom such as dirty walls and lack of trash bins that would separate biodegradable, nonbiodegradable, and recyclable materials. Recycling is a good process that reuses materials to avoid causing waste. This study was conducted to address this issue and help them with the cleanliness of their rooms. This study used a descriptive research design because based on the observation of the classroom environment, cleanliness affects the academic performance of the students. This study used the survey method because it is much easier to use in gathering data from the respondents. A total of 50 respondents were chosen randomly from Grade 12 Accountancy, Business, and Management students from sections 10 to 18 in Bestlink College of the Philippines. The result of the study showed that the classroom physical environment had a positive effect on the academic performance of the students because they can focus on studying. The discussions and activities, as well as the classroom environment, were improved through the proper segregation of their trash. Based on the results of the study, improving the classrooms' physical environment will motivate the students to attend class and be motivated enough to participate in classroom discussions and activities. Students can also have or obtain a good result on their written works because more time is being given to them to answer or do the given tasks because of having a clean classroom. Students can review inside the classroom because of the improved classroom; they can concentrate more on answering their written exams. The results of the study revealed that improving the classroom physical environment will affect the academic performance of the students. Repainting the classroom should be done to give the students a better study environment, and additional trash bins should be provided to discipline the students about proper segregations of plastics and recyclable materials.

Keywords: effectiveness, plastic cover box, classroom physical environment

Business Plan on Establishment of GG Daks Bar at Paso De Blas, East North Road, Valenzuela City

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Abstract

A bar also is known as a saloon or a tavern or sometimes as a pub or club, referring to the actual establishment, similar to a pub bar or savage club. It is a retail business establishment that serves alcoholic beverages, such as beer, wine, liquor, and cocktails, as well as other beverages, such as mineral water and soft drinks. The researchers came up with this business because a bar is the perfect place spot to unwind, celebrate any occasion or event, and enjoy the night and feel the ambiance. The name "GG DAKS Bar" came from Gilbert, Gaychel, our professor Ms. Dacuno, Angelica, Kim, and Shiela. The researchers use a quantitative method analysis. The researchers surveyed 565 East North Road Paso De Blas Valenzuela City. A total of 50 respondents were included. The respondents are residents of Valenzuela City (especially from Paso De Blas), employees, passengers, and travelers. The researchers surveyed the respondents on September 07, 2019. The study also utilized a financial statement in identifying the feasibility of the business. The researchers found out that the majority of the customers of the proposed business are male, that is, 29 respondents or 58% out of 50 respondents. The respondents under the age range of 18–25 years accounted for 40%; the respondents were mostly millennials and will be the most prospective customer of the business. A total of 21 respondents were female (42% out of 50 respondents). The researchers showed that the location of the business is easy to reach the target customer. The business operation is fitted to all customers. The researchers found out that the cost of the product and expenses of the GGDAKS bar is the same as other businesses. In the first and second year of the operation of the business, the ROIs are 1.57% and 11.87%, respectively, on its 3rd to 5th year of operation, alternate changes in ROI of the business will be noted. The researchers recommended always monitoring the stocks and the food that offers to avoid the dissatisfaction of the customer. The researchers recommended having a pep talk before and after the operation hour to suggest improving the products and services. The researchers recommended that the business's operating hours should be early at 5 pm because GG DAKS BAR operates from 5 pm onward. The researchers recommended monitoring the cost of the product and expenses of the company to prevent the theft or loss of money in the company

Keywords: GG DAKS Bar

Feasibility Study of Establishment of A-Healing Water in Barangay Narra Francisco Homes, San Jose del Monte, Bulacan

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Abstract

Water is one of the most necessary physiological needs of humans. Water is called the universal solvent because more substances dissolve in water than in any other chemical. Water is generally used for cleaning, cooking, bathing, and drinking or so-called "panulak" by many. Given the importance of water to human's daily lives, researchers think of a business that is suited to their primary needs. The purpose of A-Healing Water is to serve clean and safe water to household users and other individuals, especially to those people who are not able to acquire filtered water and drink directly to the faucet, which occasionally results in minor health issues such as diarrhea. Hence, researchers made the price of their products available and affordable to these individuals. The researchers used qualitative analysis. To conduct a survey, questionnaires were given to respondents to determine if this business will grow in the location of the business in the future. The respondents of this study were composed of 31 residents and 19 students, with a total of 50 persons. The results of the conducted survey in the location indicated that most of the respondents agreed or accepted that the location is feasible for the A-Healing water business, which gained a total of 84% who answered "Yes" and 16% who answered "No." Therefore, the researchers pursued this location because based on the survey results, the respondents said that the A-Healing Water has possible growth in this location. A-Healing Water is recommended to further expand the business in the location for customers to recognize the business in the selected location. A-Healing water is recommended to continuously reach the expectation of the customer to satisfy them. A-Healing Water is needed to satisfy the customers. Thus, the researchers recommended improving the services and products that will maintain and retain the customers.

Keywords: feasibility study, establishment, A-Healing Water

Enhancing Presentation Skills of Grade 12 ABM Students to Improve Performance

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Abstract

The purpose of this action research was to develop the skills of the student in presentation and let them know what are the skills they need to surpass the fright on their self. Students naturally have skills, but they are afraid to show them because they are afraid of judgment and stereotyping. Thus, the ultimate purpose of this action research was to help them to discover their hidden talents and skills in presentation and develop the skills that need to obtain. This study used the survey method to gather the needed information. It also used a descriptive research design. The respondents of the study were 50 Grade 12 Accountancy, Business, and Management (ABM) students that were selected through convenience sampling. Based on the result of the study, the presentation skills of Grade 12 ABM students to improve their performance task in terms of (1) group reporting, (by enhancing the reporting skills of the Grade 12 students, they were able to present actively in the group report and perform well as a group), (2) individual reporting (by enhancing the reporting skills of the Grade 12 students, they were able to perform well in their reports and master the topic before reporting), and (3) oral defense (they can present their research with confidence and mastery by enhancing their reporting skills). The researchers recommended that the students should concentrate more on their self-confidence about their reporting skills. Students should know the topic well. The researchers also recommended that the students should cooperate or participate in the class effectively to practice and improve their presentation skills. The researchers also recommended that the students should cooperate and participate in class more efficiently to improve their reporting skills.

Keywords: presentation skills, performance tasks

Increasing Scores of Grade 12 ABM Students in Accounting Activities by Using Video Tutorials in Bestlink College of the Philippines

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Abstract

To provide the effectiveness of using online video tutorials and increase the score of Grade 12 Accountancy, Business, and Management (ABM) students in accounting activities in Bestlink College of the Philippines, this study examined the opinion of the students through the instructional materials used, such as video tutorials and accounting activities. Video tutorial presentation was also used in two sections to compare the liability of the instructional materials and increase the scores of Grade 12 ABM students. This study aimed to help Grade 12 ABM students in Bestlink College of the Philippines improve their scores in accounting and help them understand accounting lessons. To produce quality research material, the researchers will make sure that they formulated problems for the entire research to be thoroughly executed. The data gathered will also be accurately analyzed, thereby leading to a good result in the end. The researchers of this study used the survey method. Based on the analyzed data about the question regarding the accounting activities affecting the accounting skills of Grade 12 ABM students in accounting subjects found positive effects, such as journalizing, posting, and balance sheet, this research found that the respondents found a positive effect in journalizing. For posting, accurate entries were the priority in posting general entries in the ledger for every transaction made. Every sheet transaction made should be recorded following their assets, noncurrent assets, liabilities, and capital because it determined the cash and debts monthly or yearly for the balance sheet aspect. Regarding conducting video tutorials to increase the scores in accounting activities of Grade 12 ABM students, the research showed that in the aspect of journalizing, posting, and balance sheets, conducting video tutorials increased the scores in accounting activities of the Grade 12 ABM students. The research showed that in the aspect of journalizing, posting, and balance sheets, conducting video tutorials helped the students effectively learn their lessons in accounting and eventually increase their respective scores in different activities. This study also found a significant difference in the score of Grade 12 ABM students in accounting activities between ABM 12-16 with video tutorials and ABM 12-11 without video tutorials. The accounting course is undeniably difficult in all aspects for the students who only started taking the subject. Each student experienced hardships and struggles along the way in some cases, taking unreasonable actions to walk away from the hardships that they experienced are evident. Thus, this study was formulated. The researchers think that performing this research gave chances and opportunities to the students having a hard time increasing their grades, especially in accounting subjects. The researchers of this study hope that learning accounting through instructional materials is helpful and useful for the students in passing the scores. This study is also helpful to those who are planning to take the necessary course in the future as a whole and not only to all Grade 12 ABM students.

Keywords: scores, accounting activities, video presentation

Effectiveness of Using Budget Planner in Improving Allowance Management of Grade 12 ABM Students in Bestlink College of the Philippines, S.Y. 2019–2020: An Assessment

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Abstract

This study focuses on how students will enhance their allowances by using a budget planner. One of the most common problems of Grade 12 Accountancy, Business, and Management (ABM) Strand students is not having a budget and proper management of their allowances; they are impulsive buyers. The students do not understand the differences in their needs over wants, thereby resulting in poor budgeting. We conducted this study to teach Grade 12 ABM students to manage their expenses in school and their homes well for unexpected expenses. Following a budget planner can help the students to stop worrying about their expenses such as food, transportation, and other school expenses. The purpose of this study is to motivate Grade 12 ABM students to allocate their allowances the right way and share them with the next generation. This study used the survey method to gather the needed information. The researchers also used a descriptive research design. The respondents of the study were 50 Grade 12 ABM Students that were selected through convenience sampling. Based on the result of the study, using a weekly budget planner positively affected the budget management of Grade 12 ABM students in terms of (1) food allowances (60% of their allowances were allocated to food and uncontrolled buying of food that is not according to their budget), (2) transportation allowances (20% of their allowances goes to school practices and riding expensive public vehicles), and (3) other school expenses (the mismanagement of allowances resulted in budget shortage). Based on the summary of the findings, the following recommendations were made by the researchers on how Grade 12 ABM students should allocate their allowances in terms of (1) food allowances (control what food they will buy), (2) transportation allowances (this study suggests to apply budget planner to have allowances on unexpected practices, and (3) other school expenses (the students are suggested to apply budget planner to avoid unexpected expenses).

Keywords: effectiveness, budget planner, allowance management

Effectiveness of Practice Reading Sessions in Improving Reading Comprehension of Grade 12 Students in Bestlink College of the Philippines

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Abstract

This study focused on how effective practice reading sessions are in improving the reading comprehension of Grade 12 Accountancy, Business, and Management (ABM) students. This study will enhance the students' reading comprehension by using learning modules. The reason for choosing this study is to help fellow students develop their reading skills and gain knowledge about unfamiliar words. The importance of the study is to address the problems experienced by the students in reading such as, but not limited, to pronunciation that will boost their self-confidence. This study used a survey questionnaire method to gather information and collect data from the respondents. The researchers also used the descriptive research design. The respondents of the study were 50 selected Grade 12 ABM students of Bestlink College of the Philippines. Based on the results of the study, using learning module positively affected the reading comprehension of Grade 12 students in terms of (1) pronunciation (practicing reading comprehension has positive effects on the pronunciation with the use of learning modules), (2) reading stutter (practicing reading comprehension has positively affected reading stutter that is enhanced using learning module), and (3) lack of confidence (practicing reading comprehension positively affected the lack of confidence that is improved with the use of learning module. Based on the summary of findings, the following recommendations were made by the researchers to improve the reading comprehension of Grade 12 students in terms of (1) Pronunciation (the study suggested to continue practicing reading to gain more knowledge on how to pronounce words correctly), (2) reading stutter (the researcher suggested to continue read unfamiliar words, and (3) lack of confidence (the students were suggested to continue reading to gain knowledge that will boost self-confidence).

Keywords: effectiveness, reading sessions, reading comprehension, learning modules

Improving Physical Appearance of Female Grade 12 ABM Students by Using Personal Development Activities

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Abstract

This study examined the opinion of the students through instructional materials such as video tutorials and accounting activities. Video tutorial presentation was also used in two sections to compare the liability of the instructional materials to increase the scores of Grade 12 Accountancy, Business, and Management (ABM) students. This study aimed to help Grade 12 ABM students in Bestlink College of the Philippines to improve their scores in accounting and help them understand the lessons in accounting. To produce quality research material, researchers will make sure that about the research topic, we formulated problems to thoroughly execute the entire research study. The researchers of this study used the survey method. To come up with the desired result and accurate analysis needed, the method used would be carefully and meticulously chosen. Based on the analyzed data about the question regarding the accounting activities affecting the accounting skills of Grade 12 ABM students in accounting subjects, the respondents found a positive effect in journalizing. For posting, accurate entries were the priority in posting general entries in the ledger for every transaction made. Every sheet transaction made should be recorded following their assets, noncurrent assets, liabilities, and capital as it determined the cash and debts monthly or yearly for the balance sheet aspect. Regarding conducting video tutorials to increase the scores of the students, the research showed that in the aspect of conducting video tutorials, it increased the scores of the students. This study also found a significant difference in the score of Grade 12 ABM students in accounting activities between ABM 12-16 with video tutorials and ABM 12-11 without video tutorials. The accounting course is undeniably difficult in all aspects for the students who only started taking the subject. Students who experienced hardships and struggles take unreasonable actions to walk away from them. The researchers of this study hope that learning accounting through instructional materials will be helpful for the students to have passing scores.

Keywords: scores, accounting activities, video presentation

Effectiveness of Utilizing Library in Academic Performance of Grade 12 ABM Students in Bestlink College of the Philippines

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Abstract

This study focuses on the effectiveness of utilizing the library in the academic performance of students. The library is important to the students because reading in the library can cultivate learnings and get practice in reading and obtain information for their studies. We conducted this study to improve the academic performance of Grade 12 Accountancy, Business, and Management (ABM) students in Bestlink College of the Philippines. Utilizing, library, academic performance. This study used the survey method to gather information and collect data from respondents. The researchers also used a descriptive research design. The respondents of the study were 50 Grade 12 ABM students that were chosen using the convenience sampling technique. Based on the result of the study, utilizing library became beneficial to the academic performance of Grade 12 ABM students in terms of (1) performance tasks (they could obtain information and new learnings with the help of the library, and the students will gain confidence to answer during recitation because of the knowledge that they read in the library), (2) written works (they can improve their written works by utilizing a library through reading and analyzation from what they get inside the library; meanwhile, if the students use the learning materials, then they will get correct information/knowledge), and (3) quarterly assessment (it can improve the analytical thinking and reading comprehension to focus on their examination). The researchers suggested that the students are should utilize the library to improve their academic performances. They should also do their written works with the help of what they get from the library. Prioritizing their study must be done by the students to obtain passing scores in their examination

Keywords: effectiveness, utilizing, library, academic performance

Improving Urgency of Providing First Aid by Providing First Aid Kit in Selected Classroom in Bestlink College of the Philippines

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Abstract

The researchers chose this topic because everyone inside the classroom should have an awareness of how to take of their health to lessen the number of students being sick every day. The importance of our topic is for the students that far from the clinic to get their medicine immediately. The purpose of this study is to help students who are sick by using a medicine kit inside their classrooms in the Accountancy, Business, and Management Strand. To provide their first aid kit, and to protect them from a severe illness. This study used the survey method to gather the needed information. The sample size was 50 out of 900 Grade 12 Accountancy, Business, and Management (ABM) Strand students in Bestlink College of the Philippines. The study was nonprobability because the sample was chosen randomly from Grade 12 ABM students. The respondents were selected through convenience sampling to allow the students to answer comfortably without hesitation; this way, their answers will be true and honest. The result of the study showed that having a first aid kit in selected classrooms improved the knowledge of the students and teachers in performing first aid medication. Providing first aid kits improved the immediate and right action for emergencies or disasters. This result showed that first aid kits should be provided in classrooms. Based on the summary of findings, the following recommendations were made by the researchers on how Grade 12 ABM students should apply for the basic first aid assistance in terms of (1) emergencies by providing first aid kit to give immediate care to heal common sickness, (2) minor accidents by conducting orientations and seminars on how to perform basic first aid assistance to give the student enough knowledge to apply it to real life, and (3) disasters by providing training on disaster action to lessen the number of casualties.

Keywords: urgency, first aid, emergencies, minor accidents, disaster

Creating Plastic Bottle Recycle Bin to Lessen Solid Plastic Wastes in Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

This study aims to lessen the plastic waste in Bestlink College of the Philippines to maintain cleanliness and improve the students' ability to love and protect the environment, teaching them the proper way of throwing garbage/waste. The researchers placed recycle bin in every classroom to avoid throwing trash everywhere. They also placed signage saying "NO LITTERING." The importance of creating a recycle bin in every classroom is to educate the students on the proper way of segregating and recycling. Biodegradable and nonbiodegradable wastes should be separated to decompose and recycle properly. Recycling will lessen the harmful effect that causes pollutions to our environment. This study used a descriptive research design because it describes the information easily. The researchers also used a survey questionnaire because it is useful when gathering information. The respondents of this study were 50 selected Grade 12 Accountancy, Business, and Management students from sections 10–15 with a class schedule of T-TH-S. The researchers used a nonprobability technique because any of the population being selected was unknown. Creating plastic bottle recycle bins will lessen solid plastic wastes. It will teach the students how to segregate their waste properly and help the environment to maintain its beauty and cleanliness. Based on the results, creating a recycle bin made of plastic bottles promotes the following. (1) Proper segregation – It lessened improper waste disposal. Proper segregation improved waste management and helped the environment become more attractive and cleaner. (2) Creativity in recycling plastic bottles – Plastic bottles can be recycled into something new. Students can enhance their abilities to do recyclable outputs or creative handicrafts, such as Christmas decorations, flower vases, and lamps. Creating recycled trash bins made out of plastic bottles reduced the plastic solid waste in Bestlink College of the Philippines. The recycling behavior of students improved by providing plastic bottle recycle bins because the researchers observed that upon collecting, the number of plastic bottles increased compared with when researchers collected the bins in every classroom. The students have the initiative to help in recycling plastic bottles by placing them in the recycle bins instead of throwing them anywhere.

Keywords: plastic bottles, recycle, plastic wastes

Enhancing Financial Literacy of Grade 12 ABM Students by Using Business Finance Lesson

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Abstract

Financial literacy is the education and understanding of knowing how money is made, spent, and saved. Students should understand how money works on their hands, how to spend money with their decision, and how to spend the money on the right things. We used Business Finance Subject to enhance the student's financial literacy. The primary purpose of conducting this study was to make Grade 12 Accountancy, Business, and Management students financially literate. The researchers used the survey method because this is the most applicable method to use in gathering data. The design used was descriptive design because the researchers observed that students find it hard to budget their allowance because they spend a considerable amount on unnecessary things. The researchers also used convenience sampling to select 50 Grade 12 students from the Accountancy, Business, and Management Strand. The researchers also made and distributed 50 questionnaires to determine the things that they may help the students with to be financially literate. Based on the findings of the study, the factors influencing the financial status of the students were social media/media and their group of friends. The students cannot manage their allowance properly because they always hang out with their friends, buy things that they do not need, and spend a considerable amount of money on trending products. Therefore, the study showed that Business Finance lessons can help the students improve themselves by becoming financially literate. Spending money with a plan, avoiding debt, learning how to save money, making decisions before spending, controlling themselves to spend a considerable amount of money, and being wise are the things that must be learned by the students. The students who have a problem with financial literacy are recommended to do a daily budgeting plan to minimize and monitor their expenditures. Tracking ones' spending is also important to get an accurate picture of your financial situation. Be wise when spending money because no matter how little or how much money you have, spending it wisely is a good idea. Avoiding impulse buying and planning purchases in advance is also a great idea for the students to save money and at the same time be financially literate.

Keywords: financial literacy, business finance, financial managements

Enhancing Reporting Skills of Grade 12 ABM Students to Improve their Performance Tasks

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Abstract

This study is all about enhancing the reporting skills of Grade 12 Accounting, Business, and Management Strand students. Reporting a topic is one way of participating in class but mastering the topics, overcoming their fears, and lacking self-confidence are the main problems of some students when they are reporting. Presenting in front of other people may be difficult because of the said factors. The researchers used the survey method because this is the most applicable method to use in gathering data. The survey method is defined as a research method for collecting data from a predefined group of respondents to gain information. The researchers used convenience sampling because the respondents were chosen based on their availability. Based on the results of the study, fear of speaking in front of many people, lack of confidence, and being lazy to do the preparation can affect the students' performance when reporting in the class. However, class presentation and communication skills can help the students enhance their confidence and increase the level of their communication skills. During the class presentation, students build their thinking and analyze their studies to boost their confidence. Communication skills will help the students share ideas and have good leadership skills. Using these two customers may help the students to make techniques that they may use for reporting. The researchers recommended the students learn how to manage their time and give importance to the tasks that will be given to them. Be confident when speaking as they express their feelings and their understanding to their classmates. The researchers also suggested increasing the student talking time to allow the students to enhance their ability and boost their self-confidence when reporting in class. Giving topics and activities such as debate, journalism, and broadcasting may stimulate the interest of the students and help the students to increase their linguistic competence.

Keywords: enhancement, reporting skills, performance tasks, communication skills

Advocacy to Create Eco-Friendly Ambiance by Turning Plastic Bottles into Plant Organizer

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Bestlink College of the Philippines

Abstract

The research topic focused on an analysis of the students' preferences as an academic source of information: library and the Internet. The researchers chose this topic because the library or the Internet is one of the most common ways to get information from the students in Bestlink College of the Philippines. The importance of this research topic was to improve the academic performance of students by using the library or the Internet as a source of their academic information. This study used a survey method. This study used the descriptive method because it is the most applicable in this research. This research did not control or manipulate any of the variables and only measured them. Based on the results of the study, by the researchers to Turning Plastic Bottles into a Plant Organizer create Eco-friendly Ambiance in Bestlink College of the Philippines in terms of the atmosphere (turning plastic bottles into plant organizers and hang inside the classroom will create a positive atmosphere and increase cold ambiance inside the classroom), outlook (turning plastic bottles into plant organizers and hang inside the classroom creates eco-friendly outlook, and it produces positive vibes in the students), and creativity (turning plastic bottles into plant organizers helps the students to be more creative in designing the plant organizer). The following recommendations were made by the researchers. In terms of the atmosphere, the researchers recommended placing small plants in the plant organizer made of plastic bottles to easily Tools take care of the plant and to make it less distracting inside the class to maintain a positive atmosphere and warm feeling for the students. In terms of outlook, the researcher recommended that the plant organizer must be made of the same types of plastic bottles to make it look uniform and not distracting. It should complement the color of the classroom to make it more beautiful. In terms of creativity, the researchers recommended that the plant organizer should look beautiful, with good colors and designs to make it more go well with classroom decorations. It should add beauty to the classroom. For the improper disposal of plastic bottles, the researchers recommended that there should be proper disposal of plastic bottles and other plastic wastes. There should be a separate bin for plastic bottles for those to be easily recycled by the students. For the lack of a recycling program of plastic bottles, the researchers recommended that the school should conduct a recycling program or teach subjects such as entrepreneurship, marketing, contemporary arts, and other related subjects to help them use plastic bottles or recyclable materials in their projects to lessen the plastic wastes and create useful materials out of it. The researchers recommended that plastic waste should be collected and made into a plant organizer. The researchers also recommended adding plants to the plant organizer and placing it inside/outside the room. The researchers also recommended conducting an environmental contest/program to engage the students to turn plastic bottles into a more useful material inside the school.

Keywords: recycling, plant organizer, creative

Effectiveness of Student and Parent Orientation in Addressing Dropout Rates of Grade 12 ABM Students

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Abstract

The researchers chose this topic because dropout is a prevalent issue inside the school. Dropout is when the student leaves school for any reason. The researchers aim to determine the reasons why the students are dropping out of school. Factors that contribute to the high dropout rate should be determined to find a program design and identify interventions that may address the problem. The purpose of this study was to know the root causes leading students to drop out. Our research may enable the staff working in institutions to identify high- and at-risk student and student groups. The importance of this study was to determine the effectiveness of students' and parents' orientation in addressing the dropout rates among Grade 12 Accountancy, Business, and Management students. This research used the descriptive research design because it is the most applicable in doing research. The study used a descriptive approach because it allows the researchers to carefully describe and understand the situation of the students. It is the most applicable research design to be used to identify the specific problem and answer it directly. The descriptive design aims to accurately and systematically describe a population. Based on the findings, the lack of parental support because their parents are more focused on earning a living, lack of financial support, academic struggles, and parents who are unwilling to communicate with teachers and school administrators were a few reasons why the students are dropping out of school. The students were recommended to set their goals and at the same time make an effort to fulfill the given tasks. Loving what you do is important; hence, never let negative things ruin your mind. Encouraging and motivating the students by talking to them is important. School counselors should identify potential dropouts and work closely with them to help them stay in school or find an alternative means of completing their education. Exploring the reasons why students are dropping out of school, identifying predictive risk factors, and highlighting social indicators associated with dropped out students should be implemented. Schools and districts should set and meet meaningful progress goals to improving their graduation and dropout rates.

Keywords: effectiveness, students' and parents' orientation, dropout rates

Effectiveness of Using Motivational Activities to Improve the Academic Performance of Grade 12 ABM Students

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Abstract

This research topic focused on the level of effectiveness of using motivational activities to improve the academic performance of Grade 12 Accountancy, Business, and Management students in Bestlink College of the Philippines during the school year 2019–2020. The researchers chose this topic because they want to know the effectiveness of using motivational activities. The purpose of this research was to improve the students' performance for students to obtain passing grades, especially with their major subjects. Using motivational activities inside the classroom may stimulate the students' desire to participate in the learning process. Something should propel the mind of the students to make them more vibrant and active. Research design is a scientific method that involves observing and describing the behavior of a subject without influencing it in any way. This study used the survey method because it is the most appropriate means of gathering data that will be used in this research. The survey method is a field of applied statistics of human research surveys and studies the sampling of individual units from a population and associated techniques of survey data collection. The researchers used convenience sampling because the respondents were chosen based on their availability. Based on the findings of this study, classroom-based motivational activities may improve the following: (1) self-confidence (students will have self-confidence after doing the motivational activities as it will help them to participate in class together with their classmates), (2) communication skills (motivational activities may help the students to communicate with their classmates and enhance their relationship among each other), and (3) productivity (using motivational activities may help the students to be productive because they will be able to have participation with the teaching-learning process). Students are recommended to be more interested and active when it comes to their studies for them to obtain passing grades. Using this action research will improve the students' academic performance. Students should be taught using motivational activities to catch their attention and increase their willingness, thereby making everyone aware of the effects of motivational activities.

Keywords: level, effectiveness, motivational activities, academic performance

HR Policy Development for Retail Manufacturing Company in Cubao, Quezon City

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Abstract

The subject company is a retail manufacturing company that caters to the needs of local and international households. The continuing growth of the company had to do with the underlying vision of the founder, who envisioned that the Philippines should be an exporter not only of skilled workers and nurses in the Middle East but also as entrepreneurs. The retail manufacturing industry is approximately 27 years in the industry and has a multimillion-dollar company with a market presence in over 29 countries and is involved in a plethora of business interests from manufacturing and soon to conquer the real estate and has incorporated the use of digital marketing in demonstrating their products via live demonstration on social media platforms. The researchers interviewed the HR Supervisor for collecting relevant information that the researchers may be able to use during the policy development. The researchers asked for permission to have a copy of the current policy of the company to develop a new policy, enhance the current and update some current policies. The researchers also used online resources, books, and journals as references before developing a policy. According to the gathered information coming from the HR Supervisor, The retail manufacturing industry implemented the following policy: Attendance and Punctuality Policy, Employee Accountability and Clearance Policy, Employee Financial Assistance Policy – Calamity/Bereavement, Employee Financial Assistance Policy – CA for Financial Assistant Assignment, Employee Benefits Policy – Free Uniform, Employee Last Pay Policy, Performance Management Policy, Job Description Key Objectives and Key Result Areas, and Code of Discipline. The researchers perceived that the retail manufacturing industry will benefit if they will implement a No-Gift Policy, Anti-Age Discrimination Policy for the Standard of Conduct, Data Privacy Policy and Enhancement of Records for Human Resource Information Management, Solo Parent Leave for Compensation and Benefits. Assimilation Program for Recruitment, Placement and Retention, Internship Program for Contractual Arrangement, Lactation Program and Lactation Area for Staff Well-Being, Training Program for Product Demonstration, Promotion, Job Rotation and Performance Management for Career Management, Open Door Policy, and Duties and Responsibilities and Penalty for No-Gift Policy for Good Governance. The proposed policies by the researchers aimed to benefit the employees and employers.

Keywords: policy development, retail manufacturing industry, purpose

Feasibility Study on Establishment of DEDUC Tailoring Shop in Phase 9, Bagong Silang, Caloocan City

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Abstract

The DEDUC Tailoring Shop is located at Phase 9, Bagong Silang, Caloocan City. The DEDUC Tailoring Shop Business is one of the best business opportunities because clothing is one of the necessities of the people. Clothing is one of the basic needs of man. The consumer needs the service and product to be able to fulfill one of the physiological needs of a person. This research used a descriptive research method to determine whether the DEDUC Tailoring Shop is accessible by the location, to know the preferences of customers regarding the price, to know the product will be acceptable to the prospective customer, and to determine whether the DEDUC Tailoring Shop can compete with other tailoring shops. The researchers surveyed 100 respondents composed of students, teachers, employees, and walk-in customers. It also utilized financial statements in identifying the feasibility of the business. As a result of the survey, most of the respondents said that the DEDUC Tailoring Shop was accessible, affordable, the product is acceptable to the prospective customer, and can compete with other tailoring shops. Respondents said that the uniform increased the company's/institution's pride to look presentable in their workplace. Respondents also said that they want to avail the product and service of the shop and also have good strategies to gain more customers. The DEDUC Tailoring Shop will continue the service to provide satisfaction to the customer. The financial aspect result of this study showed that the business's return on investment (ROI) is 10.24% on its first year of operation and will continuously increase on the following year of its operation. The researchers found out that DEDUC Tailoring Shop can compete with other tailoring shops that are already operating in the market also can offer products that can suit consumer and their tastes. The DEDUC Tailoring Shop can provide a low price of materials with high quality of products and require a small amount of capital to operate. The researchers recommended that management should sustain the market strategy to compete with other competitors and provide high-quality products to satisfy the customer and create better ideas, plans, and strategies to make the business profitable and feasible. The researchers also recommended the management encourage individuals to invest in the business.

Keywords: DEDUC tailoring shop, feasibility, clothing

Feasibility Study on Establishment of Tealer Shop at Zabarte Road, Novaliches, Quezon City

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Abstract

Bubble milk tea has become uniquely popular across the globe. One reason bubble milk tea has become globally popular is because of its versatility; unlike soda or other prepackaged beverages, there is no limit to how many flavors of a bubble can be created. Considering the trend in milk tea, many entrepreneurs now are putting this business in the market, which also causes plastic waste. Most milk tea shops are using single-use plastic in serving milk tea to their customer. After the customer consumes their milk tea, they will throw away the plastic and it will become waste. Hence, this proposed business came up with this concept of milk tea in a tumbler. Serving milk tea in a tumbler can reduce plastic waste. This study utilized the descriptive method of research design and used a survey questionnaire to determine the market viability of the business. It included the 4P's to know if the business and its product offer are feasible to the market. This study utilized 100 respondents around the business location to know their perception about the business and its product offer. This study also utilized the financial aspect to determine the amount of money required in the realization of this feasibility study. The prospects of this business were teenagers, middle age, male and female, employed, unemployed, and students along Zabarte Road. Regarding the product of this business, out of 100 respondents, 89% said that they are a fan of milk tea and willing to purchase a milk tea that is served in a tumbler, while 11% are not. In terms of price, out of 100 respondents, 96% said that the cost of the product can affect their buying decision, while 4% said it does not. In terms of the location, among 100 respondents, 76% said that the business location is accessible and convenient to the customer, while 24% said the location is not accessible. Lastly, for promotion, among 100 respondents, 91% said that they are willing to purchase milk tea in a refillable tumbler, while 9% said they are not. In terms of the financial aspect, the return of investment (ROI) of the business increased up to 24.65% in 2020, 47.23% in 2021, 51.19% in 2022, 57.38% in 2023, and 85.38% in 2024. The foregoing analysis showed that the business was feasible to the market and can offer a variety of products at affordable prices, which can meet the customer's purchasing power. At the same, the business will also gain profit that can cover its expenses, and location is accessible and enough to gather a wide range of customers.

Keywords: feasibility study, establishment, tealer shop

Feasibility Study on Establishment of Malaya Farm Free-Range Chicken Farm in San Jose del Monte, Bulacan

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Abstract

Free-range chicken is a part of the livestock industry. This is not the chicken we usually eat, but it is still best to be aware of it because of the health benefits it has compared with any other chicken. Free-range chicken farming is a method of raising chicken where they can have full access to fresh air and sunshine. They are permitted to roam freely in areas containing plants, fruits, insects, and other available food resources from the farm. Malaya Farm is located in San Jose, del Monte, Bulacan and is approximately 5,000 sqm large. The initial investment for Malaya farm is Php 1,000,000, and the farm has seven responsible and passionate personnel. This study utilized a descriptive method research design and a survey questionnaire, wherein the researchers surveyed 50 respondents to collect data and inform the researchers about the findings and analyzed data based on the information from the questionnaires, which included the promotions, price, product, and place of the business. This study also used SWOT analysis to build on what the business does well, to address what the business is lacking, to minimize risks, and to take the greatest possible advantage of chances for success. Lastly, financial statement analysis was used to examine the financial data to evaluate the company's performance and estimate future risks and potential. In terms of gender, females were considered as the primary target of the business. The Taya primary target age bracket was 23–43 years old; this age bracket includes young professionals, business owners, and entrepreneurs. Regarding occupation, the primary target market was career-oriented men and women and business owners. The farm will be sanitized, well maintained, and organized. The product will have health benefits, and the location of the farm is accessible, will help the smooth flow of daily operation, and will promote good publicity through recommendations and referrals of the satisfied clients. Under the average condition, the farm is expected to have a return of investment on the 2nd year of the operation with Php 1,131,092. This feasibility study concluded that that the majority of the possible target market are those who are the end consumer of chicken farm produce; there will be more profits in the succeeding years because the more chickens they will raise, the greater income they will get; the management showed sign of positivity. The proponents shared the same interest in the field of business.

Keywords: feasibility, free-range chicken, establishment, farm, Malaya Farm

Feasibility Study on Establishment of More Pancit Canton at Heroesville 3, Gaya Gaya, San Jose del Monte, Bulacan

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Abstract

More Pancit Canton wants to penetrate the market, meet the demand of the customers, and satisfy the potential customers. More Pancit Canton will serve high-quality services to easily reach the customers and vice versa. Hence, the researchers conducted this study. First, due to the seeking of feasible strategy for descriptive research design, secondary data from books and the Internet were used. Second, the financial statement was analyzed concerning the areas if it is profitable. The business used a survey questionnaire to obtain the valid primary data of 50 respondents and guided with SWOT analysis. The gathered data from the respondents showed that the potential customers love the business and are in favor of ages 18 and above. Second, the secondary data from books and the Internet were used to get more information such as from foreign and local related studies, history, and the updated sales forecast of the product. Third, the financial statement's general purpose is to provide information about the result of the operation, that is, the return of investment (ROI). The ROI is 13.63% in 2019, 8.90% in 2020, 13.63% in 2021, 19.08% in 2022, and 25.35% in 2023. This study recommended the following. The owners need to continuously improve what the business offers and its promos to meet people's satisfaction, which changes over time. This is a good strategy to catch every customer's attention and loyalty. The researchers need to be aware of the latest technology and be able to compete with other companies.

Keywords: feasibility study, pancit canton, establishment

Improving Accounting Skills through Peer-to-Peer Tutorial among Grade 12 ABM Students at Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

Accounting is the process of recording financial transactions about a business. Given that the respondents here are taking Accountancy, Business, and Management Strand, they should be able to understand it because this is the guide, and it gives information on how they will transact every transaction. Most people talk about how hard accounting is. Of course, there is no easy major anywhere. However, some factors affect the way how the students understand it. First, they have poor analytical skills. Teacher's strategy in teaching also affects the way of thinking of the students. Traditional teaching provides discussing and giving tests, while modern teaching provides activities that help them relate the topic to their experiences in life. This research contained the effectiveness of using high-order skills instead of using traditional teaching. A descriptive method was used in this study. This study aimed to improve the accounting skills of the students and identify the effectiveness of improving the accounting skills of Grade 12 Accountancy, Business, and Management (ABM) students in Bestlink College of the Philippines. This study comprised all students that presented facts regarding the nature and status of anything. It is concerned with the circumstances of the relationship that happened. The respondents were 50 selected Grade 12 ABM students in Bestlink College of the Philippines, S.Y. 2019–2020. The focus of this study was to improve their accounting skills through peer-to-peer tutorials. The researchers found out the teachers' ways of teaching and their difficulties in analyzing critical situations can affect the understanding of the students. The conflicts in understanding terminologies may lead to malfunctions of transactions. The researchers found out that advance reading books about accounting, attending seminars that talk about accounting, and watching tutorials on social media can help the students improve their accounting skills. The purpose of accounting was to provide information to different users. The users utilized the information in making economic decisions. It can be depicted from some definitions made by accounting bodies. The researchers recommended advance reading books about accounting and watching tutorials for you to improve your accounting skills. Enhancing your logical and critical thinking by solving critical problems can help one solves a complicated problem in accounting.

Keywords: financial transactions, analytical skills, high-order skills

Feasibility Study on InScent Cologne in Commonwealth Avenue, Brgy. Batasan Hills, Quezon City, Metro Manila

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Abstract

The researchers made products that can help people to prevent any kind of insect bite. This business wants to reduce the number of dengue incidents in this country. This business is a general partnership, and the starting capital is Php 3,250,000. The products give a long-lasting fragrance and are affordable but have a high-quality scent that a consumer will never forget. First, in search of a feasible strategy for descriptive research design, secondary data from books and the Internet were used. Second, the external and internal industries of the business were analyzed, and the financial statement was used to determine if the area is profitable. The business used a survey questionnaire to obtain the valid primary data of 50 respondents. SWOT analysis was used as the guide of this proposed business. The prospects of this business were employees, students, and shoppers along Commonwealth Avenue. Regarding the products of the business, out of 50 respondents, 45 people (90%) said that they will buy the cologne with insect repellent, while 5 respondents (10%) said they will not. In terms of promotion, out of 50 respondents, 90% said that they agree with the promotion of InScent Cologne, while 10% said they are not. Out of the 50 respondents, 40 people (80%) of the respondents said that they agree if the price starts at Php 51 with 50 ml, while 10 respondents (20%) said they do not agree. Out of 50 respondents, 45 people (90%) said that they feel secure with the location, while 5 respondents (10%) said do not feel secured. Therefore, InScent Cologne can have more customers because the location is convenient and safe for the customers. In terms of the financial aspect, the return of investment of the business will increase up to 10.39% in 2019, 4.59% in 2020, 0.64% in 2021, 6.41% in 2022, and 12.80% in 2023. The researchers recommended the business continuously improve what it offers and promos, provide seminars and training, maintain a good relationship, and treat every customer as a family to develop a long-term relationship.

Keywords: feasibility study, establishment, InScent Cologne

Feasibility Study on Establishment of Sioggie Fries Burger in Novaliches, Quezon City

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Abstract

Sioggie Fries Burger offers different sizes and combos for a burger. The researchers made this product to serve our valued customers. The target market of Sioggie Fries Burger is the students near the location and employees. The researchers added special ingredients to the product, such as carrots, siomai, and malunggay. The researcher chose burger industries because people are busy at school and work nowadays that they have no time to cook. Hence, the researchers thought that burgers are the easiest to cook, and the customers can eat while they are doing something. Some people do not eat a burger because of some reasons such as traditional beliefs and health practices, especially people who are health conscious. This study utilized the descriptive method of research design and used a survey questionnaire to determine the market visibility of the business. The business utilized 100 respondents from the identified research location in Novaliches Quezon City and was conducted in July to know their perception about the product. The proponents gave survey questionnaires to answer the following questions for survey purposes only. This survey aimed to determine what consumers expect from the product. The respondents who answered the survey were students and workers. Most of the respondents were 16 to 21 years old customers who got 40%. A total of 34% of the respondents were from the age range of 22 to 30 years old, and only 26% of the respondents were from 31 to 40 years old. Therefore, the researchers found that the age of the respondents was one of the most important characteristics in understanding their views about particular problems. Older age indicated the level of maturity of individuals in that sense age becomes more important to examine the response. Sioggie Fries Burger found that the most prospective customers are 16–21 years old; they are in the middle class who generally choose to eat in fast food chains because of their busy schedules. To improve this business further, the researchers recommended innovating more on the motif of Sioggie Fries Burger business to attract more customers, and the business should create better ideas, plans, and strategies to make the business more profitable and feasible to improve the promotional strategy of the business, come up with a good result, maintain the high demand of burgers. This plan will be implemented to make the business profitable.

Keywords: feasibility study, fries burger, fast food

Feasibility Study on Establishment of Veggie Fish Longganisa at JP Ramon St., Barangay Talipapa, Novaliches, Quezon City

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Abstract

Veggie fish longganisa is a Filipino sausage made with fish and vegetables instead of pork or chicken. It is typically made of galunggong and tilapia fish with mixed vegetables. It is prepared similar to how other Filipino longganisas are prepared and is marketed as a healthier alternative. The researchers used galunggong and tilapia because they are healthier than pork and chicken. This study used a descriptive research method wherein different guided instruments, such as survey questionnaires, SWOT analysis, 4Ps, and financial aspects, were used. The main objective of implementing marketing strategies by using SWOT analysis was to assess internal and external factors, as well as current and future potential customers. The business used a survey questionnaire that was sent to 100 respondents near the location of the establishment. Researchers used 4Ps to identify their perceptions about the product. It also utilized financial statements to see if the business will grow, is productive, and feasible. The results of this study stated that the viability of the business prospecting to a great market in the local sausage industry is effective and efficient. The respondents of this study were self-employed, employed, unemployed, and students. Employed respondents were the majority of the respondents who are willing to patronize the product in terms of pricing, demographics, and promotions. The financial statement determined it as remunerative to operate and generate enough revenue and investments. The business effectuates a visible return of investment of 5% circulation every year. If the run of the business is well-maintained and managed, the business will continue to surpass profit and success. The study found out the quality of the product should be reassured, and business offerings and promos should continuously improve to meet customer satisfaction. Every employee must be treated as a family to have a better working environment. Owners should also know the best platform to forecast products. The expenses of the raw materials should be consolidated to minimize the production cost.

Keywords: veggie fish longganisa

Business Plan on Establishment of Vegie's Ice Cream Store at Paso de Blas, Valenzuela City

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Abstract

Ice cream is a sweetened frozen food that is typically eaten as a snack or dessert. It also signifies luck, success, and satisfaction in life in general. Eating ice cream makes one feels good and happier. Vegie's Ice Cream added some vegetables to their ice cream, which is affordable and healthy. Vegie's Ice Cream offers a unique flavor to allow the customers to choose. Vegie's Ice Cream provides customers with enjoyment and ultimate ice cream experience to promote and motivate people to eat vegetables. The researcher used a survey questionnaire to locate the potential customer and know the perception about the product. The study included 100 respondents with ages ranging from 16 to 29 years. The demographic profile showed that the employment status was mainly working (41 respondents), nonworking (10 respondents), and student (59 respondents). The findings revealed the results of the survey regarding product, place, promotion, and prices. Most respondents are likely to eat vegetables and eat ice cream with vegetable flavor in terms of place. Most of the respondents said that Valenzuela Gateway Complex is easy to reach customers, while in terms of promotion, the respondents will avail the offerings of Vegie's Ice cream, which mainly buy 10 get 1 free and likely to stay and eat Vegie's Ice Cream to have a free Internet connection. Lastly, in terms of the price, most respondents think that the price of Vegie's Ice Cream product is affordable. According to the results, the following recommendation was constructed. The researchers need to continue the offerings of the store and ensure the affordability of the product, wherein customers can buy the store's product. Placing a Vegie's Ice Cream stall near the schools and business establishments is a good starting strategy because it is surrounded by many potential customers. The researchers need to treat every customer as a family to develop a long-term relationship with them. This strategy will catch every customer's attention and loyalty.

Keywords: feasibility study, Vegie's Ice Cream

Business Plan of Establishment of Vider Zone in Barangay 186, Barrack Road, Tala, Caloocan City

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Abstract

As one of the convenient transportations, a motorcycle is now an indispensable part of lives. Motorcycle design varies greatly to suit a range of different purposes, such as long-distance travel, community, cruising, and sport including race and off-road rides. Vider Zone is a business that provides the customer's requests for their motorcycle. A business that fulfills the needs and wants of the customer by offering a unique promotion to attract the target market. This method used a survey questionnaire guided by 4Ps, namely, product, price, place, and promotion with 50 respondent motorcycle users in the vicinity of Caloocan City to know what are the needs and wants of their motorcycle and what kind of motorcycle they prefer to use. The results of the survey showed that most of the respondents preferred to use branded motorcycles than cheaper or local brands. Despite many motorcycle users nowadays, only a few motor shops can offer products and services. Based on this result, Vider Zone will become successful because of its uniqueness, quality, store location, marketing strategy, and well-organized management team. Given that the business is prominent nowadays, the researchers recommended to have a more affordable price for all items and operate 12 hours to have an edge over the competitors. The business shall continue to develop and enhance its products and services to achieve customer satisfaction. Thus, the capital used has been returned. Vider Zone is to make an expansion and branching out not only in the chosen location but also in other possible markets available.

Keywords: Vider Zone

Feasibility Study on Establishment of Timeless Cafe at #38 Old Sauyo Road, Novaliches, Quezon City

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Abstract

Timeless Cafe is a business wherein a bookstore and a café come in one that will use eco-friendly straw such as rice straw instead of plastic straws to protect our environment. It is also a place where you can relax while enjoying products coffee, tea, and snacks, which can satisfy your hunger and provide health benefits. The researchers came up with this business because most of the researchers love milk tea, coffee, and food especially when they are stressed. It is a partnership type of business with a total capital of Php 1,500,000. Timeless Café is located at #38 Old Sauyo Road, Novaliches, Quezon City. The research method used was descriptive. By the use of a mixed method, the proponents surveyed 50 respondents along with the business location. It also utilized financial statements in identifying the feasibility of the business and also considered SWOT analysis. The strengths of Timeless Café include products that are in demand and profitable, it is a healthy product, and the location is accessible. The company's weakness is customer loyalty because the business is new in the area, and competitors have more loyal customers. The opportunities of the business are to be a franchise in the local market, provide job opportunities, and offer affordable products. The threats of the business are the existing competition, increasing operation costs, and price war. Out of 50 respondents, 46% like to drink coffee or milk tea while reading. With the idea of combining the café and bookstore, 60% of respondents answered that it was very acceptable. Respondents who liked fries accounted for 46%, 22% of the respondents liked nachos, 10% of the respondents liked burgers, and 6% of the respondents chose bread and cakes. A total of 56% of the respondents answered that they are willing to buy the product offerings with the starting price of 80 pesos. A total of 100% of respondents answered that discount coupons will influence their purchasing decision. A total of 100% of respondents were willing to visit the store in the said location. The projected financial aspect of the business revealed that under the best scenario, the return on investment (ROI) was 59% during the fourth year of the business and 60% in the fifth year. Meanwhile, its average scenario revealed that the ROI was 24% in the fourth year of the business and 33% in the fifth year. One problem that limits the business is that the competitors have more loyal customers. Timeless Café should extend its capacity to reach the demand and expectation of the customers by offering new product flavors and price-worthy products and create promotional tools.

Keywords: feasibility study, establishment, Timeless Café

Business Plan on Establishment of Putche Mix Dessert Delicacy in Fairview, Commonwealth Avenue, Quezon City

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Bestlink College of the Philippines

Abstract

Dessert is a part of Philippine cuisine and even in other countries. It is usually eaten after the meal and mostly it is a sweet kind of food. Putche Mix Dessert Delicacy is a business that offers puto and leche flan in separate and in mix processes and has added offer design to product, put toppings, and combine with fruits. It has customized and personalizes products for customer consumption. The proposed business aims to extend the expectation of everyone with the common food Puto and Leche Flan into an innovation and delicate and to be one destination and distributor of dessert and to bear in mind that Filipino delicacy will never be been missed and will be more interesting as time goes by. The business targeted individuals, groups, and businesses composed of families, employees, couples, canteen in schools, eatery, catering services, buffet, and restaurants. The business utilized a descriptive method of research. The proponents surveyed 100 respondents around the location at Commonwealth Avenue, Fairview Quezon City and used a survey questionnaire to analyze and test the market viability of the business in terms of product, price, place, and promotion. The study also utilizes financial statements and financial conditions that test the level of profitability of the business. The respondents were between 13 and 40 years old, with 74% and 26% of 40 years old above. Based on the response of the respondents, the product should be consumable in terms of product, price, place, and promotion. The researchers found out that possible customers will range from 13 to 40 years old, thereby determining that customer interest and capability to avail on these ages. The financial aspect of business determined the annual revenue and the ROI in five years of comparative financial statements. The result was the business gain acceptability and possible growth. To improve the business, researchers recommended to add valuable meal that is to be pair in dessert, provide combos and sizes with new pricing strategy, develop more ideas for innovation of design to more the attraction of customers for its competitive advantage. A plan and strategy of promotion and distribution for the expansion of the business if investment return and entirely to growth. The financial aspect of the business should always monitor its status. This factor is important in running the business to be able to be a profitable company. Good work conduct and quality of product and service should always be before customer satisfaction.

Keywords: dessert, mix, delicacy

Feasibility Study on Establishment of Peculiar Emporium in Commonwealth West Fairview,
Quezon City

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Abstract

The business will be known as Peculiar Emporium. Peculiar Emporium comes from the Latin word Peculiaris, which means private property, special, and unique, and Emporium, which comes from the Greek word Emporion (means trader or shop). The business will help the company, retailers, and institutions to give unique and special giveaways and souvenirs. Souvenirs, giveaways, and customized stuff are a way of giving freebies or a gift to make someone feels good, and making it customized makes it more special and unique. Because of the changing environment today, the need for innovation for this kind of stuff is high. This business can solve the problem of all customers regarding in what the customer will give to a particular people or group. The researcher used a survey questionnaire as an instrument to evaluate and understand how to satisfy the customer by addressing their needs and wants through the goods offered by Peculiar Emporium. The survey was answered by college students, employees, and teachers. To know the right price for each product, the right location for the business, promotion of the business, and the product's twist which is the customized bags, and understand the customer's perception toward the proposed business. The researchers concluded that most women use bags often compare to men based on the survey they conducted. The target market should be the students, teachers, and employees who are studying and working within West Fairview Quezon City. Through the survey questionnaire, the researchers recommended that the uniqueness and quality of the products by seeking what is the best to the target market to win customer satisfaction and increase the range of the target market the products and service may serve as a tool to give what is the best to every customer that longing to unique qualities according to their genders and perspective. Change is the only constant thing in this world. The trends and needs of the customers are always changing to allow the customer business to offer different styles and designs that catch the attention of the customer.

Keywords: peculiar emporium, feasibility, establishment

Feasibility Study on Establishment of BeautyFull Salon in #24 Shorthorn St., Project 8 Quezon City

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Abstract

BeautyFull salon will be established to fulfill the needs and wants of the customer. Everybody wants to look beautiful; beauty needs maintenance and care that can be best provided by a professional. However, going to BeautyFull Salon can provide many benefits that you cannot get at your normal salon; we offer also food. Hence, you should not hesitate and put off taking care of your appearance. BeautyFull Salon will relieve you from stress. With busy lives people lead today, such as career, children, school, and managing household duties, opportunities for rest and recreation should not be missed. This study used a descriptive research method. The researchers surveyed to know if the BeautyFull Salon is accessible, if the prices of products and services offered are affordable, if the product offered with a twist would be acceptable to the customer, and if BeautyFull Salon offers a good promotion. The researchers included 50 respondents composed of employed, unemployed, self-employed, and students. This study also utilized financial statements in identifying the feasibility of the business. The results of the survey showed that 30% of the respondents said that BeautyFull Salon is accessible and easy to go. Most of the respondents can afford the price of the services and the product offered. Respondents said that the products offered with are acceptable with a twist and BeautyFull Salon have good strategies to gain more customer. The financial aspect of this study showed that the business is profitable and can generate enough revenue. Despite the high entry in starting the business, the return on investment of the business will increase 19% on its first year of operation and will continually increase on the following year of its operation. The researchers recommended that BeautyFull Salon can compete with other competitors, and it also gives high quality and good services to satisfy the customer. BeautyFull Salon will be more productive and much profitable to have another branch not only in Quezon City.

Keywords: Beauty0046ull, salon, feasibility

HR Policy Development for Logistics Company in Intramuros, Manila

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Abstract

The company is a fast-growing holding firm that has seen the potentials of one of the sunrise industries, which are logistics and supply chain. The company provides synchronized end-to-end supply chain solutions inside and outside the country. They have approximately 600 manpower across the country, the majority of which is in Luzon. The company has nationwide operations and has offices in Cebu, Davao, Cagayan De Oro, and General Santos City. The head office of this company is located in Intramuros, Manila. The researchers used a variety of methods to help the researchers in gathering information regarding the company, such as a face-to-face interview with the HR officers and provided questionnaires to the employees as a tool to gather data. The researchers also used online references to support ideas for the study. The researchers compared the company's current policies with those of other companies in the same industry to find out best practices that the company may adopt. The researchers identified existing policies, such as attendance policy, equal employment opportunity, employment exit, office protocol, personnel file, confidential information, compensation and benefits, statutory benefits mandated by law, company benefits, employment process, employment status, employee safety, health work-life balance, drug-free workplace, employee engagement training, new employee orientation, transfer, promotion, performance review, practices having synergy, employee manual, anti-harassment policy, policy against retaliation, conflict of interest, anti-bribery, and code of discipline. The researchers proposed 15 policies that may be useful and helpful, as follows: Earth Hour, Data Privacy Policy, Solo Parent Leave, Bereavement Leave, Employee Referral, Seasonal Employment, Annual Sports Fest, Employee Assistance Program, Defensive Driving Seminar, Site Transfer, Reward and Recognition Policy, Open Door Policy, Fidelity to Duty, and Data Privacy Officer. Lastly, the researchers enhanced the disciplinary action of the company. Policies that are developed and enhanced by the researchers may be beneficial for the use or reference of the company.

Keywords: policy development, procedures, logistics industry

Enhancing Pronunciation Skills through Speech Lesson among Grade 12 ABM students at
Bestlink College of the Philippines

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Abstract

Having poor pronunciation skills is similar to eating with your bare hands; it is messy. Speaking words without proper phonetics is a disaster because you cannot understand what they are saying; it is similar to mumbling without sense. The people who are afraid to speak in English tend to communicate with their body language, such as nodding, shrugging, hand signal, and answering them with a short words such as "yes," "no," and "maybe." Speaking and pronunciation are much alike. To speak clearly, you must pronounce the word precisely for people to understand you properly. Pronunciation instruction is extremely important because it is the main source of understanding. If learners cannot utter the correct version of the word, then they cannot communicate correctly. Pronunciation instruction helps learners to have a better understanding of native speakers and improves their ability to communicate easily and effectively. The descriptive method was used in this study. This study aimed to improve and enhance pronunciation skills through speech lessons among Grade 12 Accountancy, Business, and Management (ABM) students at Bestlink College of the Philippines. The main instrument used here was a questionnaire, which was used to gather the data needed to answer the problems presented in chapter 1 related factors such as of Grade 12 ABM students at Bestlink College of the Philippines during A.Y. 2019–2020. In conducting speech lessons, the instructor should be resourceful in creating activities for students to actively participate in the discussion. In speaking English in an English class, students unconsciously used their regional accent instead of basic English pronunciation that leads to a strong pronunciation. The students can differentiate letter sounds but got confused with several English words, especially those that came from France and Spain or those known as special words. The students know the importance of pronunciation but are hesitant to recite and participate in English class. Grade 12 ABM students are having a hard time pronouncing unfamiliar English words with a unique spelling. As the researchers conducted the action plan, students obtained the lowest scores in the special words category whose spelling is not the same way on how to pronounce the word. After we conducted the speech lesson, the students were able to differentiate the words based on the meaning and the way they spelled. Hence, speech lesson helps them to improve their pronunciation skills through activities such as tongue twister and wikarambulan and presenting unusual words, as well as reciting and performing English words/language.

Keywords: speech lesson, pronunciation skills

Feasibility Study on Establishment of Clean Up and Relax Laundry Shop at 67 St. Scout Borromeo, Diliman, Quezon City

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Abstract

Clean Up and Relax is a laundry shop that began in 2019, with the concept of cleaning, washing of clothes, and relaxation. The business offer laundry care, lawn maintenance, and other tasks that they neither have enough time for nor have the experience to do it. The business was chosen by the researchers because people never considered signing up for a laundry service until they try the service and end up loving it. This study aimed to make every laundry experience easier with affordable packages and make customers relax in the massage chair inside the laundry shop. The researchers applied the descriptive method as a research instrument through the use of test questionnaires that were provided to the test samples of the needs of the laundromat and identify its prospective customers. The researcher had 50 respondents to gather the information that will help identify the needs of the customers on the service pricing, accessibility, and business offering. To develop the market penetration of the business, the researchers created different promotional tools to be aware of whether a similar business already exists. According to the results of the survey, the laundry shop in the area is acceptable because it answers the need of the residences living in condominiums and those living within the vicinity of the laundry shop. Other service offerings offered by the business got a high percentage in terms of the level of acceptability and the given price for it. The researchers also obtained an excellent rating in terms of the level of profitability and payback period within 2 years, with the cost of Php 1,668,407.65. All services and business offerings were suitable to potential customers and accessible in Scout Borromeo, Diliman, Quezon City. Establishing Clean Up and Relax Laundry shop is extremely in demand to the people around the business location because of the accessibility of the customers who wish to purchase packages. Continuous innovation is highly recommendable to compete in this industry. All students, professionals, and residences within the vicinity of the laundry shop are potential customers of the business. The researchers believed that developing services offering and promotional tools to be adopted by low- and middle-income customers to have better and wider market penetration for the business to have a competitive advantage in pricing and services offered and achieve double-digit growth for the first three years.

Keywords: feasibility study, laundromat needs, market penetration, Clean Up and Relax

Promoting Parental Involvement as Concept of Motivating Grade 12 ABM Students in Avoiding Failing Grades in Bestlink College of the Philippines

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Abstract

The researchers chose this topic to obtain information about the contributing factors on having failing grades of Grade 12 Accountancy, Business, and Management (ABM) students. Information that will be gathered may serve as a solution for problems being encountered by students. The purpose of this study was to gather information about the issues and to resolve the consciousness of the researchers about the topic. The importance of this study is that it will serve as a basis for future related studies. The research method that the researchers used was descriptive research design because it is most commonly used in research and application in gathering data for the study. The researchers also used the survey method to gather data from the students. The respondents of the study were Grade 12 students from the Accountancy, Business, and Management Strand. The respondents were selected through convenience sampling because the researchers conducted a survey based on the ability of the students. Parental involvement became an effective concept in motivating Grade 12 ABM students in terms of avoiding failing grades, especially when the parents have good communication and guide their children properly. However, parents' lack of quality time to help the students showed a negative impact in motivating the students. Parental involvement became an effective concept in terms of achieving academic success, innovations, and inspiration from parents may lead to students' academic success. Problems encountered by Grade 12 ABM students in developing motivation in their academics in terms of parents' attention may negatively affect the students. Parents' attention is highly needed by students for them to perform well academically. Academic pressure may negatively affect the development of Grade 12 ABM students' motivation. Parents' involvement in terms of studying was suggested because it will help the students become more active in the teaching-learning process and avoid having failing grades. Promoting the Parents' and Teachers' Association should be done to open communication among parents, teachers, and the school administration. Motivating the students to strive hard and monitoring their child's status in school will help students achieve academic success.

Keywords: parental involvement, concept, motivation, failing grades

Providing Improvised Bookshelves inside Classroom as Effective Tool in Training and Development of Grade 12 ABM Students

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Abstract

This topic is all about the effects of installing bookshelves inside the classrooms. The reason for this study is to have a recommendation or an action in improving the reading skills of the learners. The purpose is to develop and train the students, especially their reading and comprehension skills. The knowledge of the students should be improved where they can equip themselves into more productive individuals. This study used the survey method because it is the easiest method to gather information from the respondents. This study used a quasi-experimental design focused on providing bookshelves as an additional tool for academic and leisure reference. The researchers also used a descriptive research design because it will affect the result of the study and the conclusion of the findings. The respondents of the study were 50 selected Grade 12 Accountancy, Business, and Management students of Bestlink College of the Philippines from sections 12-08 and 12-15. This study used a nonprobability sample because it is commonly used when any member of the population is unknown. The respondents were selected through convenience sampling because the researchers conducted a survey based on the availability of the respondents. A positive effect was observed in training and development of the student about building up their skills and abilities, especially in practicing managing, applying planning, practicing organizing, improving presentation, and expressing creativity because these are the reasons to build student skills and abilities. There is a positive effect in improving the management skills of the students, especially for maintaining practice reading, organizing skills, budgeting skills, presentation skills, practicing short- and long-term planning, time management, improvising materials, creativity skills, self-discipline, and orderliness. The researchers recommended that the students should collect books for the bookshelves by conducting a campaign. The researchers also recommended having an activity about reading books for the students to become active in class and implementing a program about having creative rooms because it opens opportunities for reading books.

Keywords: improvised bookshelves, academic references, leisure references, reading habits

Feasibility Study on Establishment of Auto-Gleam Carwash in Sampaguita St., Maligaya Park Subdivision, Quezon City

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Abstract

Auto-Gleam is a carwash business that offers a massage chair service; it is located at #29 Sampaguita Street, Maligaya Park Subdivision, Quezon City. The researcher came up with this study because of the popularity of the carwash industry. The researchers also chose the location of the business and believed that it is suitable due to the constant demand on the area in which the business will be located. Auto-Gleam will have a startup capital of Php 1,000,000. The researcher used the descriptive method and considered the 4Ps to determine the viability and acceptability of the proposed business. The proponents surveyed 50 respondents composed of students, professionals, and residents of Quezon City. The study also utilized financial statements in identifying the feasibility of the business to consider the efficiency of company performance and lastly. This study also used SWOT analysis to determine what the business is lacking, which can create opportunities for the business and result in a possible advantage for success. The result of this study showed that most of the respondents were male. Concerning age, most of the respondents were 26–32 years old. All respondents owned vehicles such as four wheels and motorcycles. Thus, the business can ensure the demands of its services offered. The return on investment (ROI) was also directly measured. The company ROI indicated that the total cost invested by the partners will already flow back to the company on its first-year operation. Carwash is a necessity in our daily lives. The researcher recommends promoting the business by expanding the promotional tool and creating unique offers for avid customers. Afterward, owners can rely on word of mouth to promote the business.

Keywords: feasibility study, establishment, Auto-Gleam

Feasibility Study on Establishment of Jarns Pick N' Sip in Quirino Highway, Novaliches, Quezon City

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Abstract

A snack is a portion of food that is smaller than a regular meal and generally eaten between meals. Human needs to eat a snack at least once a day to fuel the body, and the largest demographic consumers of snack are millennials who eats an average of three snacks a day. Millennials are more drawn to healthier and organic products due to emotional (rather than physical) reasons. The researchers themselves experienced the need to eat a nutritious snack every day and seek a new trend of foods. Hence, the researchers came up with this feasibility study. The method used for this study was the descriptive research method. The researchers surveyed 50 respondents composed of male and female individuals in Novaliches, Quezon City. The researchers conducted this survey to determine if the business will be patronized by the target market. The researchers also used financial statements to identify the feasibility of the business. Results of the survey showed that most of the respondents prefer to eat food snacks every day, and the product offered by the business obtained a high percentage in terms of affordability. Based on the financial aspect, the business is acceptable and profitable. The business can generate sufficient revenue, and investments will be returned every year. This result indicated that the proposed business study can operate because the product offerings are suitable to the potential customers. Given that JARNS Pick n' Sip has a high impact on its target market and increasing profit, the researchers recommended to continuing to provide good quality products to satisfy the customers and continue to operate to become popular as a snack business. The researchers also recommended creating innovative marketing activities in gaining increased sales for business expansion.

Keywords: feasibility study, establishment, JARNS Pick n' Sip

Feasibility Study on Establishment of Massage for All in Columbia St., Aurora, Cubao, Quezon City

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Abstract

Everyone needs relaxation from a long day of work. Customers can experience massage therapy to reduce pain and stress. Massage therapy heals the patients by using their touch to manipulate the muscles and other soft tissues of the body. Massage therapy is used to release pain, heal injuries, improve blood circulation, reduce stress, induce relaxation, and aid with general health and wellness. Massage for All was conceptualized to give the community the once-in-a-lifetime experience that they will never forget. Massage for all is not only for rich and famous people but also for the middle-class people. The business aims to share massage therapy to give knowledge to the customer. The research method used here was descriptive research to describe the target market of the business. The researchers conducted an interview and surveyed 100 respondents, which included students, residents nearby the business area, elderly people, working individuals, and drivers who can easily afford the service offered. The researchers also utilized financial statements in identifying the feasibility of the business. The result of the study showed that the success of the business was financially based on the business's capability to provide quality service offers to the consumer. The business plan foresaw the effectiveness of marketing strategy on the future operation based on the observation of consumer behavior of the target market. The return on investment was 17% in the 1st year operation, and the initial investment will return in the 2nd year operation. According to the results, the recommendations of the researchers were to established a once-in-a-lifetime experience that the customer will never forget. Massage for All is not only for rich people but for people of all statuses in society to serve individuals who seek relaxation and unwind from a long, tiring, stressful day. Massage for All will set a new high standard of massage spa by providing quality service, affordable price, and easy access to the business location.

Keywords: feasibility, Massage for All, establishment

Feasibility Study on Establishment of Kteav Bar in Mindanao Avenue, Tandang Sora, Quezon City

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Abstract

KTeaV Bar aims to provide entertainment by singing in karaoke with a nature theme. The owner wants the give the business a twist. Most people think that KTV bars are always selling liquor; hence, tea is served in KTeaV Bar instead of liquor. The target market is millennials, students, and workers. The business will be located in Mindanao Avenue, Tandang Sora, Quezon City. The business structure is classified as a general partnership where the capital, liabilities, assets, and skills are equally divided among partners. The method used in this study to gather information was a survey questionnaire guided by 4P's (product, price, place, and promotion) with 50 participants, including students and employees, to check how acceptable is drinking tea while singing karaoke to the target market and financial statement to make an assumption, fair presentation, and reliable information in terms of the financial aspect. Results of the study showed that 78% of respondents were comfortable with the idea of drinking tea while singing in a karaoke. Through this business, people will enjoy reliving their stress, having a pastime, and making an unforgettable experience together with their loved ones at the same time. KTeaV Bar owner wants to convince people that tea can replace alcohol when celebrating any occasion. In terms of the financial statement, the business is profitable to the market, and the return on investment is 6.36% for the first year of operation and will continue the growth over the years. KTeaV Bar aims to help people to make relax for a stressful day and give quality time for the customers. To fully satisfy the customers, the researchers recommended upgrading the facilities, services, and products offered to continuously increase sales. The researchers strongly believe that the business should have another branch in another location to increase profit.

Keywords: KteaV Bar

Feasibility Study on Establishment of Coffee Land in V. Luna Avenue, Diliman, Quezon City

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Abstract

Coffee Land is one of the coffee shops that introduce the local brand of coffee beans in the market and support the local farmers. In the past decade, the Philippines became one of the highest importers of coffee beans because the Philippines is one of few countries that produce four coffee varieties commercially, namely, Arabica, Liberica or Kapeng Barako, Excelsa, and Robusta. Coffee Land caters to people who love to drink coffee and taste different flavors that are made from various cities and regions in the Philippines and is a well-known coffee business that uses the local brand of coffee beans. Therefore, the researchers came up with this business because we want to promote our coffee bean product and its benefits. By using the local brands of coffee beans, we are creating a different product from coffee in the market. As Filipinos, we want to help to increase the profit of local workers by promoting their products to other coffee shops in the Philippines and other countries. The research method of design utilized in the study was quantitative analysis. The participant of the study sampled 100 respondents in the area of V. Luna Avenue, Diliman, Quezon City on August 6, 2019, to determine the accessibility of the place and product on the area. Based on the research, Coffee Land is feasible in the market because most of the people within the area drink coffee daily. The owners know how to run the entire business. Coffee Land used social media to promote and advertise the business. Local farmers in the coffee bean business had an opportunity to promote their local production of coffee beans in the market. Results can be forwarded to improve the business to help Coffee Land continue to reach the demand and expectation of the customers to teach the importance of our local brand of coffee beans. The management will continue to operate and handle the business until it succeeded and to be a popular business in the market of a local brand of raw material on coffee shop business in the Philippines.

Keywords: feasibility study, Coffee Land

Reducing Absences of Grade 12 ABM Students by Using Reward System in Management Concept in Bestlink College of the Philippines

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Abstract

Absence is the state of being away from a place or a person. Reducing absences is important in uplifting the students' academic performances, which include attending school every school day. Being physically present in school can help the students to be successful. There are some strategies on how to avoid students' absenteeism, and these strategies maintain their good attendance record to have a good performance in their work. The reason why we chose this kind of topic is that we want to help the students to maintain their good attendance records. We also want to know the reasons behind their absenteeism for us to help them resolve these kinds of problems. This study used a descriptive research design. The researchers used a survey method to easily gather the necessary information. The respondents of this study were 50 students that were selected from Grade 12 Accountancy, Business, and Management Strand. Based on the study, the following are the factors that affect the absenteeism of the students: (1) Financial – There is a negative effect to the students regarding their absences, especially for students who do not have enough budget and management skills on handling their money. Parents' insufficient income to support educational expenses may also affect the absenteeism of the students. (2) Family – It has also a negative effect on the students in terms of absences because when the family members are having problems such as disagreement, there will be a lack of communication and time with each other to get together. (3) Poor nutrition affects the students during class discussions. The researchers recommended that students should know how to manage their allowances. The family should support the students in all aspects of their studies by providing guidance and having quality time with the students. Parents and teachers should reward the student's small or large achievements in school for the students to continuously be motivated in their academic classes. They should also give proper counseling with the help of a school guidance counselor when they commit consecutive absences for them to resolve the problem immediately, thereby affecting the academic performances of the students.

Keywords: reducing, absences, award system, management concept

Feasibility Study on Establishment of Careman Airconditioning Services in San Jose Del Monte Bulacan

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Abstract

Comfort has been the goal of working individuals and families. A part of the comfort that people want to experience is dealing with the heat, which is also caused by climate change. Researchers came up with this study to provide air conditioner (AC) services that are now becoming a basic necessity to households, offices, and almost all establishments. Careman Air Conditioning Services offers various services related to an AC machine. These services include survey, installation, cleaning repair, and maintenance. Careman also gives free cleaning, gift cards, and service packages with advertisement through social media and printed media, such as tarpaulin and flyers. The business wants to create a brand of not only providing quality service but also being concerned with its clients. The company's office is located on the second floor of Celestial Place Building in Barangay Guijo, Francisco Homes, San Jose del Monte, Bulacan. The researchers used descriptive methods design. Half of the respondents in the survey are from Bulacan, and the other half are from Quezon City and Caloocan. The survey had 11 questions that were answered by 90 respondents. The questionnaire gathered information such as the demographic profile of the respondents and preferences of customers in terms of product, price, place, and promotion to assess the acceptability and feasibility of the business to its target market. The company's strengths and opportunities, as well as how the firm can improve the current position, weaknesses, are extremely helpful in determining where the company is going. The business has a capital of 4 million pesos and is shared by five general partners. Careman Air Conditioning Service's office has a total floor area of 40 square meters. There is an allotted 6 square meters for the stockroom (lower left) and 4 square meters for the comfort room (upper left). The manager's office is also 6 square meters. There is a designated table for the marketing and sales supervisor and a receiving area in front of the front desk or reception. The results of the study showed that almost half of the respondents (58%) used AC in their homes and offices. A total of 49% of the respondents use window-type AC. Respondents who want to have AC units cleaned on standard schedule accounted for 86% and those who prefer to have their AC installed by professionals accounted for 88%. Availing AC services from a company at San Jose del Monte was also agreed upon 80% of the respondents, 19% answered maybe, while 1% answered no. A total of 90% of the respondents preferred to be reminded for AC unit follow-up service. A total of 91% of the respondents also preferred to have the survey fee deducted from the installation fee, while 9% were not sure. In the preferred medium of contact, phone calls ranked 1st with 54 respondents, 2nd was Facebook messenger with 25 respondents, 3rd was text message with 18, 4th was electronic mail with 12 respondents, and 5th was door to door with 10 respondents. The return of investment is expected to be in 1 year. The researchers came up with a feasible business named Careman Air Conditioning Services. It is located on the second floor of the main road, thereby making it visible and accessible to clients. The business will give more options regarding services offered by the Careman Airconditioning Services. The firm will continue to follow up with customers two times before the scheduled cleaning service. The business will keep promoting the services offered through print media and social media. The firm will also hire more employees as the business grows, and additional incentives will be given to the employees to keep them motivated at work. The income gained by the company should be used productively for the continuous growth of the business.

Feasibility Study on Establishment of Bakashot Bar Along Regalado Highway, Fairview, Quezon City

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Abstract

BAKAShot Bar was established because most of the proponents love to drink liquor, and they have skills in mixing liquor. The proponents also wanted to create a new taste of liquor. BAKAShot also offers unlimited liquor and Filipino dishes for pica such as adobo, papaitan, inihaw na bangus, inihaw na liempo, and nachos. At present, many Filipinos are busy with their careers and school. Hence, the proponents proposed unlimited liquors for customers. Having this kind of business is rare; therefore, the proponents added some twists to this business. This study used a descriptive research method and survey questionnaire as an instrument to evaluate and determine the opinion of respondents regarding the business. A total of 50 respondents answered the survey, with 31 males and 19 females to estimate the right price for the promotion of the product. The proponents concluded that most of the respondents are in favor of purchasing unlimited liquor and mix trends liquors with the given prices. The target market includes stressed workers, couples, millennials, family, and celebrants along the Regalado Highway, Fairview, Quezon City. The researchers recommended that the business should maintain the uniqueness and trends of the mixed liquors that the business offers to the customers to expand the target market. BAKAShot should also provide products that customers can afford and create cheaper but unique and trend liquor at the same time.

Keywords: BAKAShot Bar

Feasibility Study on Establishment of Taku Veggie at Tungko, San Jose Del Monte, Bulacan City

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Abstract

Convenience is essential for people nowadays due to the fast-paced lifestyle. Most people prefer to eat outside, consume on-the-go snacks, and are always looking for new flavors to satisfy their needs and wants. Taku Veggie will be strategically located at Brgy. Tungkong Mangga, San Jose del Monte, Bulacan, with a startup capital of ₱500,000.00. The research method used was descriptive analysis. The research determined the viability of the business and identified the factors and potential problems that can occur in developing the new business concept. The proposed business strengths included offering unique flavors, affordable prices, strategic location, and high demand in the market. The weaknesses of the proposed business included being a new entrant in the market, unexpected inflation, many competitors, and considerable products offered in the market. Opportunities include customer's curiosity about new flavors, looking for another alternative raw material, product innovation, and expansion. The threats in this business include competitor's established product offering, lack of supply of raw materials, and the business depending on customer preference and loyalty. High market viability was assessed using a financial statement to determine the return of investment (RO) of the business. The result of this study identified the market viability of the business idea in terms of product, price place, and promotion. This type of business is already existing in the market. The affordability of the product offerings, accessibility of business location, and the promotions used were considered by target markets. The ROI of the business is expected to be within one and half years with a 10% increase in sales every year. This type of business is relevant and provides convenience to target markets. The researchers recommended that the business owner should take time in searching for a strategic location before establishing a business in a certain area. The business owner should also have good camaraderie with the employees to maintain good working environment. In terms of the technical aspect, the researchers recommended focusing on promoting products by using social media for the business to be recognized. In terms of the financial aspect, there must be enough amount of capital to start a business.

Keywords: feasibility study, establishment, TAKU veggie

Feasibility Study on Establishment of Castro One Gift Shop Gallery

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Abstract

CASTRO One Gift Shop Gallery is a new venture in the industry of customized watch straps. Most people nowadays are hooked on the latest gadgets. The proposed business is an innovative strategy for watch straps focusing on customer satisfaction, thereby providing the latest trendy design to satisfy the customer with elegant but affordable products and giving the best quality of our services that will satisfy the customers. The main importance of the business is not only to have high profit but valuing the customers and satisfying them with the products and services being offered. The researchers applied the survey method, and questionnaires were given to the sample population to determine the level of acceptability around the vicinity where the business was established. The researchers also applied the financial statement. The researchers used a survey questionnaire to know the perception and thoughts of the prospect respondents toward the business. Results of the survey showed a positive outcome for the business because most of the respondents showed interest regarding the products and services offered by CASTRO One Gift Shop Gallery in terms of product/service, price, place, and promotion. The financial statement showed that the return on investment will be achieved in the 5th year of operation. This business is not only for strap customization but will also offer other products such as fancy jewelry (e.g., stainless, rose gold, and silver). However, continuous innovation is still highly recommended because competing in this industry also has high risks. The researchers believe that developing pricing strategy and promotional tools to be adopted by low-middle income customers to have a wide range of market coverage.

Keywords: feasibility study, establishment, CASTRO One Gift Shop Gallery

Feasibility Study on Establishment of Rainbow Café in La Forteza Subd., Camarin, Caloocan City

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Abstract

Rainbow Cafe differs from other coffee shops. In addition to offering products, the other purpose of establishing this business is to promote equality and stop discrimination. Rainbow Cafe is not a typical coffee shop because it caters to everyone regardless of age, gender, skin tone, status in life, educational attainment, etc. As long as the customers can avail the products, they are welcome to enter the cafe. Coffee never gets old as it becomes a part of our lives. People drink coffee to help them stay awake and feel relax, but excessive consumption of coffee leads to palpitation. Hence, researchers decided to used rice coffee as an alternative, which is healthier and more affordable than coffee beans. The researchers used the survey method as a research instrument through a survey questionnaire. The researcher surveyed the residents and students at La Forteza Subdivision, Camarin, Caloocan City on August 1, 2019. The researchers designed one set of questionnaires with 12 questions. The questionnaires were distributed to 50 respondents consisting of male and female to help the researchers if the Rainbow Café's location is accessible and if their products and services are feasible and acceptable to the prospective customers. The researchers also utilized financial statements in identifying the feasibility of the business. Results of the study showed that the frequency and percentage distribution of profile of the respondents in terms of gender were 50 and 100%, respectively. This result showed that the possible customers of Rainbow Café will be female, with a percentage of 58%, and most coffee lovers among the respondents are in the age range of 15–25 years old, with a frequency of 25 and a percentage of 50%. The respondents who answered yes obtained an overall percentage of 89%. The respondents who answered no obtained an overall percentage of 11%. Therefore, placing the business near a mall and school will make it accessible. The investments of the owners will return during its 4th year of operation, with a percentage of 53%. The researchers recommended gathering additional information about the customers' desires and formulate and execute better marketing strategies and sales promotions to attract many customers. Training must be provided to the staff to ensure that they keep in touch with the new trends in the industry and be prepared to provide the customers their desired look. The business owners should create the best marketing strategies and plan and invest in promotion. After acquiring more profit, the store owners should expand and hire more employees.

Keywords: equality and freedom, coffee shop, rice coffee, product, Rainbow Café

Feasibility Study on Establishment of Po-tea-to Veggies at SM Savemore Market Novaliches, General Luis St., Novaliches, Quezon City

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Abstract

Po-tea-to Veggies began on September 23, 2019 and is located at SM Savemore Market Novaliches, General Luis St., Novaliches, Quezon City. Po-tea-to Veggies has four employees, that is, the store manager, one cashier, one service crew, and one kitchen crew. Po-tea-to Veggies's start-up is Php 1,250,000.00 and is equally divided by each partner. Po-tea-to Veggies offers a unique style of fried potato plate with different flavors of vegetables, combined with different flavors of milk tea all in one cup. Po-tea-to Veggies is designed to easily hold the snack and take it anywhere. Po-tea-to Veggies's owners conceptualized a business that offers something new and has benefits to the customer. This study utilized a descriptive method of research and financial statement to determine if the business will be applicable in the proposed place. Results of the survey showed that 94% of people around the area are willing to visit the location, most of which are students, workers, shoppers, and commuters. The results of the financial statement showed that the income of the business will increase up to 5% yearly. The researchers should focus on people's stress, struggles, and problems with their work or studies. The newest product of Po-tea-to Veggies with a twist will convince anyone to drink and eat every day instead of buying a milk tea only at a high price. The tea comes with a fried potato plate in a shape that looks similar to a small plate mixing with healthy flavors of vegetables such as broccoli, carrot, spinach, cauliflower, sweet potato, etc. covered with toppings, such as cheese powder, sour cream, and barbeque. The product is better than French fries. The researchers recommended that the owner should enhance the business proposal to make it more feasible by continuously innovating nutritious products that will benefit the customer. The researchers also recommended promoting the business by using social media advertisement and create more strategies that will help the business become successful.

Keywords: feasibility study, Po-tea-to Veggies

Feasibility Study on Establishment of Caf Nonstop Water Refilling Station in Holy Cross, San Bartolome, Novaliches, Quezon City

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Abstract

A water refilling station is an alternative source of drinking water supply in the Philippines. It is managed by private entrepreneurs. It offers a cheaper and more convenient solution to the public's needs for drinking water than bottled water or the use of household filters. The researcher came up with this study to provide new services and products to satisfy the customers of water refilling stations. This business is a partnership type of business where the capital invested is distributed by the owners. This business is owned by five partners, who decided to share Php 150,000.00, each with a total capital of Php 750,000.00. The researchers considered the location at Holy Cross, San Bartolome, Novaliches, Quezon City. The research method used was the descriptive method, which determines the viability and potential problems that can occur in developing the business idea. The researchers surveyed the respondents by using 4Ps, that is, product, price, place, and promotion on 50 respondents composed of students, professionals, and residents in Holy Cross, San Bartolome, Novaliches, Quezon City. The researchers also utilized financial statements in identifying the feasibility of the business and considered SWOT analysis. Results of this study showed that 62% of the respondents can afford the price of Php 13–15 for 500 ml bottles of purified water in a water refilling station. Meanwhile, 38% of the respondents can buy a slim-type gallon at the price of Php 15–18, 78% of the respondents for Php 20, and 22% of the respondents for Php 25. For round-type gallon, 74% of the respondents had a budget of Php 20, and 26% of the respondents had a budget of Php 25. A total of 46% of the respondent preferred social media to find the service and product easily, while 24% of the respondents do not, 30% of the respondents answered sometimes, 42% of the respondents answered that they buy by texting or calling the water refilling station, and 26% of the respondents answered that they buy by messaging the water refilling station's Facebook page while they are walk-in customers is 32%. A total of 78% of the respondents answered that the source of drinking water comes from purified drinking water, 22% of the respondents drink tap water, and 0% of the respondents have a water pump. A total of 44% of the respondents prefer a promotion in a water refilling station, 50% of the respondents want free 1 gallon for every purchase of a dozen of a gallon, and 6% of the respondents want a free 1,500 ml bottle for every dozen of bottled water. A total of 76% of the respondents also said that CAF Nonstop Water Refilling Station that is open for 24 hours may grow in the location, 24% of the respondents answered "maybe," and 0% answered "no." A total of 68% of the respondents give the effort to go and purchase water in the location, 32% of the respondents answered "sometimes," and 0% answered "never." A total of 42% of the respondents also experienced drinking water shortage in the middle watch because they cannot buy anywhere, 32% of the respondents answered "sometimes", and 26% of the respondents answered "never." The projected financial aspect of the business in its best scenario revealed that the return on investment will be achieved during the fourth year of the business and in the succeeding years. The average scenario revealed that the return on investment will be achieved during the fifth year of the business. If the business is well-positioned and managed, then it will continue to grow per year successfully. The business recommended promoting the business. The owner should also always seek a new trend that will help become a reliable water station to its target market. The owner should also improve the services and products that will maintain and retain the target customers of the water refilling station.

Keywords: feasibility study, establishment, water refilling station

Fourtea

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Abstract

Many people are fond of drinking teas with different flavors and combinations. Nowadays, people are more adventurous and love to try a new taste and experiment with new flavors. They adore everything new, exciting, and beneficial to them. Therefore, the researchers created an idea of offering different flavors of hot and cold milk teas that are suitable to their needs and wants, especially in terms of taste. It has many beneficial effects on health, that is, it increases blood flows and reduces disease. Four Tea is a milk tea shop that offers hot and cold milk teas. It is being conceptualized when fourth-year business students were planning to build their business. "Four Tea" is a term that refers to four students, combined with "tea" for the customers to know that the business is a milk tea shop. This research was conducted to determine the extent to which the goods or services that can be generated by the business are needed or demanded and to design the appropriate marketing strategies and plans to ensure that business outputs will reach and can be accepted by the target market. The researchers conducted a survey consisting of male and female respondents. The survey was conducted in 98 Maginhawa St., Diliman, Quezon City. It consisted of 50 survey questionnaires that were given to 50 respondents. A total of 33 respondents were female (66%), and male respondents accounted for 17 individuals (33%). Therefore, the researchers found out that female respondents were more likely to answer survey questionnaires than males. The result of this study can help in improving the business, such as in pricing the products offered that can be feedback of the customer. Although the business will offer good service and superior quality products, the business must have stable offering good service and superior quality to acquire the adherence and contentment of the customers. The researchers will continue to develop and enhance its product and idea to satisfy the customers and loyalty will continuously study the business and products and services offered because nowadays most people prefer changes over time. The researchers will continue to operate and handle the business until it succeeded and become a well-known business.

Keywords: beneficial effect on health, marketing strategies, superior quality and services

Feasibility Study on Establishment of Japanese Oishi Ramen House in Dumalay St., Novaliches, Quezon City

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Abstract

Japanese food is one of the most popular cuisines in the world due to its beautiful presentation and the use of fresh, high-quality seasonal ingredients. Japan's cuisine is delicious and loved by people worldwide. Japanese Oishi Ramen House offers authentic Japanese foods, especially ramen, with high quality and at affordable prices located at Dumalay St., Novaliches, Quezon City with a starting capital of Php 4 million. The concept of the business was created based on one of the people's lines of interest in Japanese cuisines, and both partners agreed after a thorough discussion. The research method used was descriptive. The researchers surveyed 50 respondents residing along Dumalay St., Novaliches, Quezon City. The research determined the SWOT of the business and its viability and identified the factors and potential problems that can occur in developing the business idea. The researchers also effectively analyzed and evaluated the financial performance through the financial statement. The researchers concluded that the products and services offered by Japanese Oishi Ramen House can compete with existing restaurants in Novaliches, Quezon City. Researchers surveyed 50 respondents in the location, and 70% of the respondents were excited to taste the version of Japanese Oishi Ramen. The price acceptance of the products was 80%. The place acceptance that Japanese Oishi Ramen House will stand out in the location despite having many competitors was 75%. The best promotional activities that can be used by Japanese Oishi Ramen House to promote was through social media (60%). The researchers recommended the management of Japanese Oishi Ramen House to continuously innovate their product/services because the business cannot only encounter Filipinos in the restaurant but also Japanese citizens who are more knowledgeable about the foods offered by Japanese Oishi Ramen House. The researchers recommend that the management team should use the creativity, resources, and full range of marketing practices to promote and support healthy meals for customers and develop a strategic plan to operate the business efficiently.

Keywords: feasibility study, establishment, Japanese food, ramen

Feasibility Study on Establishment of MDMBP Carwash in Cafe at Banawe Street Quezon Avenue, Quezon City

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Abstract

MDMBP Carwash in a Café was conceptualized by the researchers in 2019. The business concept was all about offering services and products that will enrich customer satisfaction, especially for car owners and drivers. The importance of this business is to fulfill the problem and needs of customers about carwash, particularly to meet also customer's contentment by offering different kinds of carwash and detailing services. The significance of this business was to comply with customer's gratification by offering different features within products and services, such as packages, discounts, and freebies. The researchers used a descriptive research method for the survey to collect the customers' perceptions about the business concept. The survey will determine if the business concept is approved and if it is feasible in the preferred location. The survey was answered by 50 respondents, which are composed of private car owners and drivers, public vehicle drivers, and other respondents such as parking attendants and salespeople at Banawe Street. The study also used a financial plan to analyze and predict the estimated budget, sales, and capital of MDMBP Carwash in a Café. The results of the survey showed positive perceptions from the respondents in terms of the business location; the respondents said that it was extremely suitable, especially for private and public car owners. The business was also approved by the respondent because of its uniqueness of having a café that has a special treat such as movie streaming and free WIFI, which are advantageous for car drivers or owners to stay, entertain themselves, and relax. The business is also highly acceptable because the business offers, discounts, freebies, and packages with low prices. The results of the financial statement showed a reasonable outcome. As of the first year of the business operation, the business already gained profit from the estimated sales of the product and services. Simultaneously, the return on investment was also well-founded because it produced 11% from the first year of operation. The researchers discovered that MDMBP Carwash in a Café is extremely acceptable and accessible from the location because it was along the highway and near the auto parts station, where there is a high possibility for customers to visit and purchase any of the products and services offered.

Keywords: MDMBP Carwash in a Café

Feasibility Study on Establishment of I Cafe` D'sal at San Antonio St., Area B Camarin, Caloocan City

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Abstract

Cafe D' sal was conceptualized by the researchers on September 23, 2019 and will be located at San Antonio St., Area B Camarin, Caloocan City. It focuses on giving a satisfactory and memorable experience to the customers by providing them quality service and a comfortable place. This study utilized a descriptive method of research design and survey questionnaires to determine the market viability of the business. It also utilized marketing strategies and financial aspects. The guide of the business is to determine the market viability of the business by using a survey. It included the 4Ps, that is, the product, place, price, and promotion to determine if the business is visible to the area. Results showed that only 20% of the respondents do not like drinking coffee and eating bread. The researchers also identified the preference of the possible customers in terms of the 4Ps. A total of 80% of the respondents are possible customers of I Cafe` D'sal. The new product will be known, and most respondents are satisfied with the quality of the product. In terms of price, I Cafe` D'sal may be known due to its reasonable prices. The customers will patronize the business not only because of the quality products but also because of the spacious environment. The researchers recommended the following. The researchers need to continuously improve the business offerings and promos to meet people's satisfaction, which changes over time. Placing a cafe` near schools and business establishments is a good starting strategy because there are a lot of potential customers in the vicinity. The researchers need to treat every customer as a family to develop a long-term relationship with them. It is one of the good strategies to catch customers' attention and their loyalty. The researchers need to be aware of the latest technology and social media trends. The researchers must be ready financially in putting up this kind of business.

Keywords: feasibility study, establishment, i Cafe D' sal

Feasibility Study on Establishment of Siomai De' Calle in Paso De Blas, Valenzuela City

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Abstract

Siomai is a popular snack for modern street-smart Filipinos and one of the favorite snacks of the people because of the affordable price. Many siomai businesses produce foods of good quality. Several franchise food carts sell siomai on the street, food court malls, and transport hubs. However, siomai businesses have challenges such as many competitors and imitation of products that confuse the people to purchase. Hence, Siomai de' Calle's owner creates something new and creative taste with cheaper and affordable price to the market; this will surely bring a new, healthy, and creative taste of Siomai at an affordable price without losing its delicious taste. The proposed business applied the descriptive method as a research instrument and interviewed 100 respondents composed of commuters, students, and employees along VGC Paso de Blas, Valenzuela City, which are the target market of the business. The researchers used SWOT analysis to identify its internal strengths and weaknesses, as well as its external opportunities and threats. The researchers applied financial statements to the level of profitability. The result on investment (ROI) that was calculated in the first year of operation was 38.30%. For the second and fifth years of operation, the ROI was calculated by dividing the net income by the average investment of the business before establishing a business. Siomai de' Calle is highly recommended to have a research in the area around it, not only the business market itself but including to a probable number of customers in an area. The owner should also pay attention to promoting the business regularly with a unique style of advertisements online and in the area around it and having a saving account on starting up a business, thereby resulting in easy and stable financial management.

Keywords: feasibility study, establishment, Siomai de' Calle

Proposed Office Procedure for Library Department of Educational Institution

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Abstract

The library department is important because the library is one of the most important parts of the school. Without a library, a school will have limited information to offer the students. A library is a place where books, magazines, and other materials such as videos, musical recordings, projectors, etc., are available and can be found for those who want to use or borrow them. The library is where books and similar items are kept. However, the good condition of the library does not reflect the lack of problems. Based on the observation of researchers, borrowers do not have any proof when a problem occurs in the library system. Students are not given reservation slips for a collaborative room; if the student who wants to make a reservation on a specific date cannot come on the date reserved, other members cannot enter the room. If all computers are being used, then the student and faculty cannot have a reservation. The researchers interviewed the librarian in charge and their unit head for the flow of work in a library. Researchers surveyed the borrowers, asking them for suggestions and answers to questions. The researchers also observed inside the library. Based on the interview, survey, and observation, researchers proposed receiving a copy of the list of borrowed books or the continuation process of borrowing books, which is the returning of a book with and without fines. This will be the proof of borrowers when a problem occurs in the library system to avoid complaints. In terms of the collaborative room, researchers proposed to have a reservation slip for all members to enter the room even when they are not the ones who made the reservation. For computer services, researchers proposed to have a reservation slip; borrowers will only have a chance of using a computer. Having a reservation slip will make the system flow of using a computer for the borrowers will be smooth and the chance of using and waiting will be avoided. These enhancements will benefit both parties. The results of the study of the researchers showed improvement to enhance the services in the library department.

Keywords: improvement, benefit, smooth

Feasibility Study on Establishment of Wander Waffle in SM City Novaliches, Quirino Highway, Quezon City

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Abstract

In the past years, the researchers saw the increasing popularity of beverages, such as milk tea, fruit shakes, and coffee or tea-based drinks. Meanwhile, there was no new food category in the market. Thus, the researchers came up with this business to introduce a new snack category in the market. A snack wherein people do not need tables, chairs, spoons, and forks. The researchers made a grab-and-go snack. They created waffles with a twist that can attract the customer's attention. This time, they tried some Filipino dishes for fillings, where they can enjoy eating them in the form of waffles. The method used for this study was the quantitative research method. The researchers surveyed 50 respondents, including 26 females (52%) and 24 males (48%). A total of 29 respondents are students (58%), 15 respondents are privately employed (30%), and 6 respondents are self-employed (12%). The purpose of this survey was to give a new face to an ordinary classic waffle, create a new twist, and introduce Filipino delicacies to others. The results of the survey showed that the respondents are satisfied with the outcome of promoting a free taste as the best advertisement tool that will help the business be recognized as unique fillings in the waffle industry. In terms of the financial aspect, Wander Waffle is accessible and profitable to the market and can generate enough revenue. The return on investment is expected in the early years of the business. Given that the business is only in the Philippines, the researchers recommended expanded the business locally and internationally to attract investors and promote local waffle that has a unique filling. The researchers also recommended that the business should add more products.

Keywords: waffle, Filipino dishes

Improving Proper Disposal of Recyclable Plastic Bottle by Using Basketball Ring Trash Can in ABM Strand Students in Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

Nowadays, proper disposal is important to our generation because the world is experiencing global warming, pollution, diseases caused by garbage, flash floods, and other calamities. In school, most of the students are not aware of proper disposal, but we all knew that we can make a useful product by using solid waste. In Bestlink College of the Philippines, trashcans are placed in every room, in the food court, and everywhere. However, many of the students still leave their garbage anywhere. These students do not think about the possible effects of this habit because they know schools have utility workers and janitors. The primary objective of this study was to encourage students to be aware of their environment and teach them to throw their trash properly. The objectives of this study included protecting their health, reducing and reusing waste, safe disposal of waste, being creative, and decreasing the production of plastic bottles. We used the descriptive method as a research design. The researchers distributed survey questionnaires to gather data that will reflect how respondents perceive our research. Out of 50 Accountancy, Business, and Managemen students who were chosen as respondents, most agreed regarding the indicators based on the variables of this study for improving the proper disposal of plastic bottles in the food court. The researchers indicated that this study can effectively reduce, reuse, and recycle plastic bottles on the campus. This action research can also be enjoyable in disguise. The researchers encouraged the students to properly dispose of plastic bottles while enjoying how to do it at the same time.

Keywords: proper disposal, plastic bottles

Effectiveness of Controlling Management Function in Managing Academic Stress of Grade 12 ABM Students

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Abstract

This research introduced the academic stress of the students and how they will avoid it using controlling management functions. Academic stress is a stressor that someone experienced through academics because of pressure, nervousness, overthinking, high expectation, etc. The students are the most prone to this stress because they do many school works, they experience academic pressure, and they have many performances and activities in school. The importance of this study was to teach students what academic stress is, what are the causes or sources, what will be the effect of this stress on students, and how to lessen or avoid academic stress. The researchers used a descriptive research design and survey method. The respondents of this study were Grade 12 Accountancy, Business, and Management students that were selected through the convenience sampling technique. Based on the results of the study, applying the controlling management function effectively helped grade 12 students to address the factors causing academic stress in terms of (1) performance tasks (the students created effective strategies how to manage their time in preparing for performing tasks such as group and individual presentation to lessen academic stress by controlling management function), (2) written works (the students prepared ahead on their written works, such as assignments, projects, seat works, and quizzes in different subjects), and 3) quarterly assessment (the students effectively prepared and managed their task especially when preparing for quarterly assessment, such as exams, chapter tests, and long tests. The researchers recommended that students should manage their academic tasks to perform their performance tasks, written works, and quarterly assessments well. The teachers should help their students to meet and comply with the set deadline for the submissions of written works and other performances tasks. Parents should also support their children by helping them accomplish their academic tasks on time.

Keywords: effectiveness, controlling, management function, academic stress

Improving Hygiene and Sanitation of Sidewalk Vendors for Customer Satisfaction of Grade 12 ABM Students

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Abstract

There are some types of small businesses that are found almost everywhere. One of these businesses is a street food business, ready-to-eat food, or drinks sold on sidewalks and other public places such as markets or in a fair. These kinds of businesses are often in food booths or carts that are commonly prepared on hand for immediate consumption. Due to its diversity, many find these businesses ceaseless to subdue. In urban areas, these businesses include small-scale businesses from which vendors get benefits perceived to be usual. Thus, street food has been widely tolerated among the community. For many years, no particular laws are mandated vendors in terms of their responsibilities to ensure that the food they offer is free from any contamination. This study used a descriptive research design and survey to easily gather the data needed in the pre-test and post-test. The respondents of the study were 50 grade 12 Accountancy, Business, and Management students that were selected through the convenience sampling technique. The results of the study revealed that improving the hygiene and sanitation of sidewalk vendors positively affected the customers' satisfaction of grade 12 students in terms of (1) cleanliness of food (freshness and proper sanitation of food can avoid the contamination of the product in bacteria), (2) cleanliness of the vendor (having personal cleanliness of vendor and wearing proper attire when cooking can make sure that the food is clean and safe to eat), and (3) cleanliness of area/stall (cleaning the area regularly can reduce food contamination. The results demonstrated the need for the teachers and school administrators to guide the Bestlink students on the street foods they consume outside the school. The results of the study showed that the cleanliness of the food depends on how the vendors prepare the food. Having personal hygiene and wearing proper attire when cooking can avoid food contamination.

Keywords: hygiene, sanitation, sidewalk vendors, customer satisfaction

Promoting Awareness in Grade 12 ABM Students in Proper Electricity Consumption Using Posted Guidelines in 3rd Floor Phase 1 Classroom

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Ejay Quilantang
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Abstract

The electricity in the school can be used by the students in the form of using lights and electric fan. Students have access to plugs whenever they need to use electricity for their laptops and a projector for their presentations. Some of the students use the electricity in the school to charge their mobile phones and gadgets. This study aimed to promote awareness to Grade 12 students on how to properly use the electricity inside the school because plugs and electricity access should be used for academic purposes only. The results of the study are helpful for the safety of the students and will be beneficial for the school. The researchers used descriptive research design and survey method to easily gather necessary information. The respondents of this study were 50 Grade 12 Accountancy, Business, and Management (ABM) students that were selected through convenience sampling. The findings showed that the following are the guidelines that promote awareness in Grade 12 ABM students in using the electricity within the school properly: (1) establish standards in proper consumption of electricity inside the classroom (posting guidelines will promote awareness in students because they will follow a set of standards in using the electricity inside the classroom), (2) giving importance to the school facilities and equipment (posting guidelines can promote awareness to students to give importance to school equipment that they used during classes), and (3) taking corrective action in preventing fire and other accidents relative to electricity consumption (posting guidelines can promote awareness of the students to prevent and avoid accidents related to electricity consumption in school. Based on the results of the study, the following recommendations were made by the researchers. First, students should follow the given guidelines. Second, the students should be reminded about the policies. Third, posting guidelines about the sanctions of illegal charging would be a great help for better understanding. Effective communication and implementation of school personnel and teachers in charge in the classroom will help the students to properly use the electricity in the school.

Keywords: awareness, electricity, consumption, guidelines

Benefits of Proper Selection of Peer Group Influencing Academic Performance of Grade 12 ABM Students

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Abstract

Peer is derived from the Latin word "paar," which means equal. Peers are individuals who are equal in terms of their age, status, or skills. Teenagers are likely to refer to people around them as peers; a dyadic relationship is also called a couple. College students experience "peer pressure" in their academic performance and their community. To avoid the negative impact of peer pressure, students must address the problem of lacking self-confidence in their ordeals to avoid being pressured by his or her surroundings. This study aimed to apply the benefits of proper selection of peer groups in the academic success of Grade 12 students. The researchers used a descriptive research design. The survey method was used to gather information and collect specific information that will be used for the study. The respondents of the study were 50 Grade 12 Accountancy, Business, and Management (ABM) students that were selected through simple random sampling. The benefits of the proper selection of peer groups may influence the academic performance of students in the school. It had a positive effect on the academic achievement enhance their teamwork and creativity as peers sharing knowledge in academics. Negative peer pressure was one of the problems that were encountered by Grade 12 ABM students, that is, students cannot do independent judgments and proper decision making. The researchers suggested the students choose their peers carefully, which will help them to have an appropriate conceptualization of ideas and improve their decision-making skills. Applying proper selection of peer groups also enhances the creativity of the students inside the school and teamwork, including communication skills and motivation. Peer influence causes enjoyment in academic performance.

Keywords: benefits, selection, peer group, influence, academic performances

Feasibility Study on Establishment of Kutchi Moto? Linis Kita Carwash at 134 Susano Road, Novaliches, Quezon City

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Abstract

Carwash is a business that has special equipment for washing vehicles. As time passes, the carwash industry continues to develop equipment to make a car clean to satisfy their customer and repeat availing the service. Hence, KUTCHI MOTO? LINIS KITA Carwash was created for busy car owner that forgets to bring their vehicles to a   car wash for cleaning maintenance. The business will be located at 134 Susano Road Novaliches, Quezon City and had the capital of Php 1,000,000. The research method used for this study was descriptive. The researchers surveyed 50 respondents near the proposed location to determine the business and potential problems that can occur in developing the business idea. The researchers used SWOT analysis as an instrument in the study. The researchers also utilized financial statements in identifying the feasibility of the business. Based on the result of the survey conducted, KUTCHI MOTO? LINIS KITA Carwash is acceptable because many of the target markets of this business prefer the service it will offer. The price is affordable and suits their budget. The chosen location is acceptable in terms of accessibility and visibility. Lastly, the promotion materials used in the business had a high percentage for uniqueness. According to the financial aspect of the business, the researchers expected to generate gross income for the first year of operation and expected to increase by 20% per annum. The researchers also revealed that the return of investment was achieved during the fourth year. The researchers found out that the business had a strong impact on its target market, gaining higher sales from the service/product offered. The researchers recommended having additional branches in different areas or expand the location of the business and a good ambiance of the location to attract possible customers. The owner should also recognize the employee who performed well with monthly incentives if they reach the business quota depending on sales. The researchers also recommended having more employees when the business grows and give benefits for the employee of the month and employee of the year to boost the employee's morale to work hard. Lastly, the researchers recommended adding more assets and expenditures, such as office supplies, expanding to other branches in different locations, and improving the facilities.

Keywords: feasibility study, establishment, carwash

Feasibility Study on Establishment of Restore and Design Furniture in Regalado Ave., North Fairview, Quezon City

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Abstract

Furniture is a signifier of taste and an indicator of social and physical mobility. However, with enormous demand, many customers want a cost-effective store that would help them save money while making their home space interior relatively exquisite. This paper sought to fill in the gap of the unsatisfactory customer services by offering services such as item repair, upholstery, customization, and trade-in, as well as products that are stylish modern but functional home furniture. Restore and Design Furniture aims to assess every customer's needs and provide excellent customer service to meet the ends of every buyer. To comprehend the viability of the study, the researchers used a descriptive method and utilized a questionnaire according to product, place, price, and promotion to determine the elastic perception of 100 respondents coming from 3 different subgroups residing within the vicinity of Regalado Highway, Quezon City. The proponents also conducted an extensive financial analysis of a five-year best-case scenario to determine the profitability of the business. Based on the gathered data, in terms of products and services offering, the researchers found that a majority of the respondents are willing to avail the products and services offered by Restore and Design Furniture by acknowledging the idea of repair and upholstery for their damaged furniture and even agreed about a trade-in. Regarding technical viability, the data showed a high tendency of success in putting up a business in Regalado Ave. Highway, North Fairview, Quezon City. Regarding the best-case scenario of the return on investment, the proposed business is expected to earn approximately 1.17%, 22.55%, 24.31%, 26.61%, and 27.42% of its capital in the first, second, third, fourth, and fifth year of operation, respectively. The proposed business has predominant viability in terms of the target market, management, technical aspect, and financial aspect. However, the researchers suggested that Restore and Design Furniture should continue prioritizing the quality of products and services by making durable and functional articles. The development of engaging promotional activities for the business' ceaseless sales opportunities should be the top priority. Lastly, the continuation of the financial success of the entity will be achieved through justified allocation to create a stable and solvent organization in the long run.

Keywords: feasibility study, establishment, Restore and Design furniture

Reducing Used Papers by Creating Handicrafts Entrepreneurial Projects of Grade 12 ABM Students in Bestlink College of the Philippines

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Abstract

A particular skill of making a decorative object by hand, handicraft should be extremely precise and artistically done. Expressed as artisanal handicraft or handmade, it is any of a wide variety of types of work here. Useful and decorative objects are made completely by hand or using only simple tools. Handicraft has become an important element in the world. This study will help students and future students to control and reuse used paper to make handicrafts. This study aimed to enhance the creativity of students in making handicrafts and reduce used or scratch papers. This study used a descriptive research design and survey method. A total of 50 respondents were randomly chosen from Grade 12 Accountancy, Business, and Management (ABM) students in sections 10–18 in Bestlink College of the Philippines. The findings showed that the following may improve the entrepreneurial skills of the students: (1) Creating new products – Having new ideas and strategies in making products by recycling used paper is an effective way to improve the entrepreneurial skills of Grade 12 ABM students. Being an entrepreneur is being an innovator; thus, the students need to think of unique strategies and original ideas for them to produce a beautiful product. (2) Develop effective marketing strategies – Helping the entrepreneurs to be increasingly creative in making a new invention or material through the use of papers improves the entrepreneurial skills of the students. Being an entrepreneur does not mean that you already have extensive knowledge about the field of business. Students need a assistance to create a different product that will make them more competitive. The researchers made the following recommendations: the students should use their notebooks and paper pads wisely and should recycle used paper as materials for their projects. Teachers t can include using recycling materials in doing projects. School administrators can also conduct entrepreneurial activities that can be a potential business by using recycled papers. Future researchers can improve the aims of the study.

Keywords: reducing, papers, handicrafts, entrepreneurial projects

Policy Development for Health Insurance in Building N, UP Ayala Land Technohub, Central Ave. Gate, Diliman, Quezon City, 1101 Metro Manila

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Abstract

This health insurance company is located in Minnetonka, Minnesota and was founded in 1997. This company has a branch in Quezon City. This company is the largest healthcare company in the world by revenue with a 2018 revenue of $226.2 billion and 155 million customers. As the company is running for the past 43 years, the researchers want to review and enhance the current policies following the current law and best practices of other companies. The researchers gathered data by using a one-on-one interview with the HR Manager of the company. The researchers were permitted to have the company manual for review and reference because one of the researchers is an employee of the company. The researchers found that the existing policies of the company include guidelines and/or procedures for Anti-Corruption, Background Verification Policy, Compensatory Time Off Policy, Conduct at Work, Confidentiality and Non-Disclosure, Corrective Action Matrix, Critical Workday Policy, Capability and Grievance Policy, Dress Code Policy, Drug-Free Workplace Program, Employee Referral Policy–Philippines, Employee Sanctions Monitoring Policy, Information Security Policy, Internal Job Posting Policy–India and Philippines, Internal Transfer Policy, Internet and Telephones, Lactation Policy, Non-Retaliation Policy, Personal Relationships at Work, Policy on Ailment of HIV/AIDS at Work Place, Policy on Ailment of Hepatitis B in the Work Place, Prevention of Sexual Harassment, Probationary Employees Confirmation Process, Quiet Room, Rehire Policy, Relocation Policy, Secure Building Access Policy, and Separation–Full and Final Settlement Process. The researchers proposed policies that should be enhanced or developed, including Enhancement of Prevention of Sexual Harassment for the safety of employees; manual timekeeping to keep an accurate record of their working hours, overtime, and if there is a failure to their time in and out; Financial Assistance for emergency and calamity; Enhancement of Probationary; Work Safely Policy for the safety of employee; Fire Safety Policy to educate the employee about the risk of fire accident; Safety Training to educate the employees about disaster and ensure safety, and Performance Coaching and Mentoring One on one daily to make sure that the employee is getting all the help he/she needs and address all other issues that hinder him/her from meeting the company standards.

Keywords: United Health Group, monitoring policy, researchers proposed policies, review and references

Feasibility Study at J2KLC Wifi Vendo Machine in 591 Bagbag St., Quirino Highway, Novaliches, Quezon City

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Abstract

The Internet is extremely important because it is a limitless space where people have access to an infinite amount of information. The Internet is where a large amount of knowledge comes from. Wi-Fi connection using a vending machine can be the cheapest Internet connection because a vending machine is coin-operated. "Coin-operated" means that one only needs to insert a coin on the machine to access the Internet through a Wi-Fi connection. The idea of Piso-net largely influenced the creators of the J2KLC Wi-Fi Vendo machine to establish this kind of business. The word J2KLC came from the acronym of each member of the researchers. The researchers provided an affordable and easy way to have an Internet connection to the community and also give profit to possible customers. The business was established to provide convenient Internet connection to the customers and meet the expectation of the target market. The proponents conducted surveyed 70 respondents to know what products and services the customers will avail themselves of in the J2KLC Wi-fi Vendo machine. The researchers studied the product, price, place, and promotion of the product. According to the results of the survey after completing the feasibility study of the proposed business, the researchers concluded that the establishment of the J2KLC Wi-fi Vendo machine is feasible and will be viable based on different studies. The researchers recommended adding additional freebies and extensions for the business to make the business visible and provide products that are of good quality to satisfy the customers. To build a loyal following, the business should plan for expansion.

Keywords: J2KLC Wifi Vendo Machine

Feasibility Study on Establishment of R3 Milktea in Batoda Terminal, Batasan Hills, Quezon City

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Abstract

Milk tea is a beverage that originated in Taiwan in the early 1980s in a small tea stand. When adding flavor, the tea and flavoring need to be shaken for a good all-around taste. This action forms bubbles, which became known as "bubble tea." Today's milk tea brings a unique flavor to the consumer. Many milk tea shops offer different flavors from one another. Hence, the proponents conceptualized R3MILKTEA, which is a business that aims to offer a flavorful milk tea while building a sustainable environment. Regular milk tea offers are being served with plastic cups. The proposed business aims to offer collapsible cups that are easy to use and handy. The researchers studied the newest trend for two generations to offer a unique service that fulfills the needs and wants of the target market and promotes drinking healthy beverages. The research method design utilized in this study was quantitative analysis. The participants of the study were 100 respondents in the area of 1126 Batasan Hills, Batoda Terminal, Quezon City. They were surveyed on August 6, 2019 to determine the accessibility of the place and the product in the area. The results showed that R3MILKTEA is feasible in the market because the daily routine of most of the people within the area includes transportation through terminals. In terms of management viability, the owners know about how to run the entire business. In terms of technical viability, R3MILKTEA will use social media as a tool to promote and advertise the business. The researchers recommended improve the business's marketing viability; R3MILKTEA should continue to reach the demand and expectation of the customers to know the importance of the local brand of coffee beans of our local farmers. In terms of management viability, the management should continue to operate and handle the business until it succeeds and become a well-known business in the market of local branded raw material on R3MILKTEA business in the Philippines. In terms of technical viability, R3MILKTEA may acquire more customers by using social media and other sources of promotional strategies to gain more customers in the future. In terms of financial viability, R3MILKTEA should offer products at an affordable price.

Keywords: R3MILKTEA, eco-friendly

Feasibility Study on Establishment "A Latte of Fun" in Fairview Terraces, Quirino Highway, Quezon City

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Abstract

The coffee house, which originated in the Middle East around 1511, began as merely a place to enjoy an exotic drink, that is, coffee, but soon evolved into a place that changed the course of history. Before coffee houses arrived in London, the normal social gathering place was a pub or a tavern. The first attraction to coffee might have been its newness or exhilaration from the caffeine, but quickly it became another reason to meet, and the coffee house became a place for socialization. This study aimed to promote the local coffee beans and delicacies of the Philippines. This study utilized a survey questionnaire of a research sample with 100 possible customers of the A Latte of Fun. This study considered the perceptions of customers toward the promotion of the local coffee beans of the Philippines. Customers have been familiar with too many coffee beans of different coffee shops that offer international coffee beans but not local coffee beans. Hence, the researchers wanted to promote the local coffee beans and delicacies of the Philippines. Based on the results of the survey, customers prefer to have a hot coffee. A total of 70% of the respondents want a hot coffee, and 76% of the respondents prefer to eat delicacies while drinking coffee. The results of the survey showed positive feedback and presented a high percentage of being purchased. The researchers promoted local coffee beans because they have health benefits to young people and adults. The researchers saw a positive outcome in promoting the local coffee bean to the surveyed customers. This study can help coffee lovers to learn about the difference in the taste of local coffee beans. This study also provided information about the perception of customers if they agreed about the proposed products, that is, the local coffee bean and delicacies of the Philippines. The researchers also wanted to know what is the preferred coffee bean of the target market in terms of the customers' perception. This study is not only for owners but also for coffee lovers.

Keywords: feasibility study, establishment, A Latte of Fun

HR Policy Development for Direct Selling Industry in Quezon City

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Abstract

The company is a direct selling business that is located in Quezon City. This company has 40 regular employees and 160 quota-based sales agents. It is a 100% Filipino-owned company and the leader and one of the largest in the industry. The company was established in 2015 and continues to offer products of the highest quality. In the company's 4 years of experience in the direct selling industry, it specializes in providing the needs of the clients. The researchers wanted to review and enhance the current policies following the current law and best practices of other companies. The researchers used qualitative methods such as a review of the company manual, face-to-face interview with the Human Resource Officer, and questionnaire to gather additional data and justification about the company's current policy. The researchers also used online resources for references and best practices of other companies to compare the existing policies of the company and cite what should be enhanced as proposed by the researchers. According to the researchers' gathered data from the company's manual and information from the Human Resource Officer, this company has an existing policy, including Attendance, Tardiness and Under time, Attire/Uniform, Identification Card, Resignation and Clearance, Separation from Employment, Code of Discipline and Disciplinary Action, Exit Interview, 201 File Maintenance, Service Record, Time Keeping, Hours and Schedule of Work, 13th-Month Pay, and Absence without Official Leave. The researchers proposed 19 policies that may help the company to excel in its industry. The proposed policies included Smoking Policy, Biometrics, Data Privacy Act, Expanded Maternity Leave, Paternity Leave, Solo Parent Leave, Anti-discrimination Policy, Employee Referral Program, OJT Program, Security of Tenure, Random Drug Testing Policy, Occupational Safety and Health Program, Company Team Building, Job Enrichment Program, Employee Performance Program, Employee Recognition, Open Door Policy, Employee Job Description, and Grievance Procedure Policy. These policies were developed and enhanced by the researchers and may be beneficial for other companies as a reference.

Keywords: policy development, direct selling industry and procedures

Feasibility Study on Establishment of Famdom Salon in Quirino Highway, Novaliches, Quezon City

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Abstract

The importance of Famdom salon is to give a satisfying service to the customer and provide relaxation to relieve stress after a hectic schedule while their kids are playing in our indoor playground. Even with the busy lives people lead today, including their career, children, school, and managing household duties, opportunities for rest and recreation should not be missed. It is a special time when one can simply enjoy being taken care of. Whether you are having your hair styled or having a facial, a manicure, or a pedicure, you will feel the pleasure of the massage, water, heat, and the application of gentle pressure on your skin. The study used a descriptive method. The researchers surveyed to determine the market viability of the business. It included 4Ps to know if the business and the product and services it offers are feasible to the market. The researchers surveyed 100 respondents composed of employed, unemployed, and self-employed individuals, as well as students. It also utilized financial statements in determining the feasibility of the business. The target mark of the business included kids, teenagers, middle-aged people, male and female customers, employed and unemployed adults, and students along Quirino Highway, Novaliches, Quezon City. The results showed that most of the respondents can afford our services. In terms of the location of our business, out of the 100 respondents, 82% were willing to go to the location of Famdom Salon, while 18% did not agree to the said location. A total of 28% of the respondents preferred to avail haircut and styling in Famdom salon, which are extremely common services to girls and boys. Meanwhile, 22% of the respondents preferred massage, 28% of the respondents chose hair color, 28% of the respondents preferred manicure/pedicure, and 10% of the respondents chose hair rebond. A total of 60% of the respondents indicated that they usually go to a salon with their family/children because they cannot leave their child alone, and 40% of the respondents go to the salon alone or with friends. In terms of the financial aspect, the return on investment was 33.73% in 2020, 33.68% in 2021, 33.82% in 2022, 33.69% in 2023, and 33.75% in 2024. The researchers indicated that Famdom salon can compete with other competitors because it is unique and consistently gives high-quality services to the customer.

Keywords: Famdom salon, feasibility

Feasibility Study on Establishment of Dollars Computer Sales and Services in Tandang Sora Avenue, Quezon City

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Abstract

Dollars Computer Sales and Services is a computer retail store that focuses to provide a high-quality product and a variety of computer-related services to satisfy the target potential customers, allowing them to experience the best products that they can afford at a discounted price and offering them a unique lounge to entertain the customers in the lobby while waiting. The research method used here was qualitative analysis. The research determined the viability of the business and identified the factors and potential problems that can occur in developing the business idea. The researchers surveyed 50 respondents composed of 25 residents, 10 students, and 15 employees around Tandang Sora Avenue, Quezon City. The purpose of this survey was to identify if the target market will patronize the product and services offered by the business. The results of this study identified the viability of the business, proving to see a great deal in the computer industry. People in Tandang Sora need computer products, especially services. Executing promotional strategies and more advertisements for the customers will increase the sales of the business. Providing unique computer services will help the business become profitable. Stocking products every month will help the business maximize its capital. The researchers found out that a computer retail store is needed in Tandang Sora Avenue, Quezon City. The researchers recommended making a computer package to attract customers at a price that they can afford. The researchers also recommend boosting the social media advertisement and sales promotional activities for the business to become well-known by the target customers. The management should make a company website and social media page to execute promotional strategies and advertise for the business to be known in the market, provide services to satisfy the customers, and make the lounge more appealing for the customers waiting for the service to be done. The researchers also recommended getting a bank loan to make the capital large to stocks more products.

Keywords: Dollars Computer Sales and Services

Assessment of Inclusion of Values Education in Classroom Discussion: Its Impact on Moral Development of Grade 12 ABM Students in Bestlink College of the Philippines

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Abstract

Molding one's character through values formation is a huge challenge for educators. The influence of social media and media causes diversification in the characteristics and behavior of the students on how they see and understand themselves. Teachers nowadays must also adapt to this diversification without neglecting the duties to continuously impose good moral and right conduct inside the classroom. This study aimed to assess the effectiveness of including values education in classroom discussion to improve the moral development of the senior high school students in terms of the moral awareness and development of students. It also aimed to assess the culture, diversity, and modern technology affecting the moral development of the students. This study was beneficial for the teachers encountering challenges in improving the moral development of their students. This study utilized a quasi-experimental design wherein two groups were chosen as the respondents of the study. One Grade 12 Accountancy, Business, and Management section was assigned as the control group, and another section was assigned as the experimental group. The inclusion of values education in classroom discussion was undertaken in the experimental group, while it was not included in the control group. Based on the results of the study, the teacher respondents were challenged in the inclusion of values education because of the different cultural backgrounds of the students in terms of religion, race, and social status. They also faced challenges, including values education to the experimental group of students due to their diversities such as self-acceptance, self-understanding, and self-realization. The modernization of technology was also one of the factors that challenged the teacher respondents in the inclusion of values education inside the classroom. Based on the summary of the study, regardless of the culture, diversity, and modern technologies, the inclusion of values education in the classroom discussions can improve the moral awareness and development of the students if teachers will include the fear and love of God in every student. The researchers highly recommended teachers attend seminars and training on values education. Teachers must also have knowledge and understanding of the Word of God before sharing and explaining its importance to students in terms of moral living.

Keywords: inclusion, values education, classroom discussion, moral development

Feasibility Study on Establishment of Beogeopsal at Unit G-1C TPI Building Edsa Muñoz, Quezon City

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Abstract

The concept is to cook their burger patty and toppings. Customers can choose their mix of ingredients, such as lettuce, tomato, cucumber, onion, and cheese, to create their burgers. In addition to the beef patty, the business also offers bacon, ham, and grilled egg. It offers unlimited burgers and ingredients. Beogeopsal is located in Edsa Muñoz, Quezon City with approximately 41 sqm. The initial investment for Beogeopsal is Php 1,000,000. This business employs seven personnel. The research method used was qualitative analysis. The research determined the viability of the business and identified the factors and potential problems that can occur in developing the business idea. By using mix method, the researchers chose 50 respondents composed of students, workers, and residents. Structured questionnaires to be filled out by the respondents were distributed. This study also used SWOT analysis to build on what the business does well, address what the business is lacking, minimize risks, and take the greatest possible advantage of chances for success. It also utilized financial statements to examine the financial data for the business performance to evaluate the future risks and estimate the potential. The respondents were composed of 29 females and 21 males. The researchers found that 17 respondents were in the age range of 21–25 years old. These respondents are classified as employees who generally eat a burger. A total of 100% of respondents preferred to eat a hamburger. Therefore, all respondents love eating a hamburger, 83% of the respondents like to eat a cheeseburger, 17% of the respondents do not like eating a cheeseburger, 72% of the respondents agreed to the price of the burger, 28% of the respondents disagreed with the pricing, 63% of the respondents were satisfied with the location of the business, 37% of the respondents did not agree. A total of 100% of the respondents will promote the product to their friends to help the business become recognized in the food industry and grow it. The researchers expected to have a return on investment on the 5th year of the operation with the amount of Php 1,338,906.66. The weaknesses of the business include competitors and price. Many competitors are selling hamburgers at a low price. As a new business in the food industry, it is difficult to promote this business. Hence, the business will promote unlimited burgers, which is one of the strengths of the business and what sets it apart from other competitors.

Keywords: feasibility study, establishment, beogeopsal

HR Policy Development for Manufacturing Company in Sauyo Road, Novaliches, Quezon City

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Abstract

This company specializes in designing, manufacturing, trading, and supply of public seating and other kinds of furniture. This company was founded in 2008 and is located in Novaliches, Quezon City. It has 157 workers that are knowledgeable in fiberglass, metal, and wood furniture, with well-trained offices staff and a dynamic sales force. This company is the leading furniture manufacturer for public seating in the country and continuously provides high-quality products in the Philippines. The researchers want to review and enhance their current policies. The researchers perceived that the company will benefit from a reliable proposal in the study. The researchers visited the company and conducted a face-to-face interview with the Human Resource Department to gather data. The researchers were entrusted with a photocopy of the employee manual of the company. The researchers also visited the company several times with a formal letter signed by the adviser and dean of the BSBA Department. Based on the gathered information and interview, the researchers identified presently implemented policies, including Honesty Policy, Smoking Policy, Attire Uniform, Identification Card, Exit Interview, Regular Work-day, Attendance, 201 Files, Time Keeping, Memorandum, Service Record, Undertime Request, Straight Time Slip, Overtime Authorization Slip, Filing of Application for Leave Absence, Overtime Pay, Vacation Leave, Reward and Recognition, Mandatory Benefits, Job Posting, Referrals, Probationary, Regular Employee, Paging System, Fire Alarms and Fire Extinguisher, Pantry, CCTV's, Recreation Area, In-house Training, Outside Training, Orientation, Team Building, Promotion, Job Rotation, Retirement, Performance Evaluation, Commission, Open Door Policy, Job Description, and Disciplinary Actions. The researchers observed that the company will benefit if they will implement policies such as Free Internet Usage, Mobile Phone Policy, Good Grooming, Liquor Policy, Data Privacy, Birthday Leave, Personal Cash Advance, Seasonal Leave Conversion, Equal Opportunity, Seasonal Employment, Random Drug Testing, Occupational Health and Safety Program, Morning Zumba, Team Building, Transfer Work Policy, Employee Performance Program, Open Door Policy, Job Description Manual, Falsification of Documents, and Disciplinary Action.

Keywords: policy development, policies, manufacturing industry

CHEMICAL ENGINEERING

Tinea Versicolor Remover Cream

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Abstract

The researchers conducted this research because they need a product that is effective and affordable in terms of skin caring. The researchers started studying skincare because this product contains six ingredients. The product is also affordable for customer and effective. Quantitative research was used as the research design for the study. Purposive sampling was used to gather respondents in assessing the level of acceptability of Vermover Cream. Using the instrument of the study, that is, questionnaire, the researchers surveyed the respondents to determine whether the proposed project is acceptable in terms of safety, effectiveness, odor, expiration, and packaging. The results of the study in terms of safety, effectiveness, odor, expiration, and packaging were acceptable as assessed by Chemistry teachers and Science experts. This result indicated a significant difference between the assessments of the two groups of respondents in terms of the cited variables. Chemistry teachers obtained an overall weighted mean of 3.17, which was interpreted as acceptable with the variance of 0.1245. Meanwhile, the Science experts obtained an overall weighted mean of 2.53, which was interpreted as acceptable with a variance of 0.0221. The two groups of respondents had a t-computed of 3.76 a degree of freedom of 8 with the value of 1.860. The t-computed value was higher than the t-critical value. Hence, the assessments of the two groups of respondents are rejected. The subsequent discussions forwarded by the two groups of respondents are as follows: use strong fragrance, water, and palm oil instead of faint fragrance to be used on the product for a smell of sulfur; refer to different fungal infections and ingredients that are applicable to the skin; and pay more attention on the chemical content for a higher quality product.

Keywords: Vermover Cream, remover, cream, tineaversicolor remover

Effectiveness of Paragis Hair Cream

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Abstract

Concerns about Dry hair and dandruff problems are growing. Some people want to prevent dandruff. Thus, the researchers created a product that can be used to dry hair and scalp, especially those approaching puberty when dry hair and dandruff problems are mainly associated with hormonal changes. Given that the environment is very polluted, the scalp can easily get bacteria from air. Hence, we need to take good care of our scalp. Paragis (*Elusine indica*) is a plant that has antioxidant properties that remove dandruff from scalp. Paragis has protein, and its leaves have silicon monoxide. In this study, quantitative research was used as the research design. Then, purposive sampling was utilized to gather information from respondents in assessing the level of acceptability of Paragis Hair Cream. Using questionnaire, which was the instrument of the study, the researchers surveyed the respondents, including Science teachers and BCP STEM students, to determine whether the proposed product is acceptable in terms of safety, effectiveness, feasibility, and marketability. The results showed that the product was acceptable in terms of science investigatory project, safety, effectiveness, feasibility, and marketability of the overall project design are. This result indicated that the difference between the assessments of two groups of respondents in terms of the level of acceptability was not significant. Science teachers obtained an overall weighted mean of 4.1, which was interpreted as acceptable with the variance of 0.02233. Meanwhile, the BCP STEM students obtained an overall weighted mean of 2.93, which was interpreted as acceptable with a variance of 0.0203, t-computed value of 2.21, and a degree of freedom of 17 with the value of 2.567. The two groups of respondents had higher t-computed value than t-critical value. Hence, the assessment of two groups of respondents is accepted. The subsequent discussions forwarded by the two groups of respondents are as follows: select appropriate ingredients for better looks in terms of cleanliness, use a clean and presentable container, indicate the expiration date improve the substance of the product, and be consistent on some measurements for a presentable appearance of the product.

Keywords: paragis, hair cream, *Elusine indica*, dandruff

CHEMISTRY

Carica Papaya, *Solanum lycopersicon*, and *Malus domestica* as Beauty Soap (Pamaple Soap)

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Abstract

Nowadays, people rely more on machinery and artificial processors. People also prefer using inorganic ingredients in medicines and treatments that result in sickness or illness, thereby worsening one's condition. Organic products from the market are more likely to satisfy the needs of our bodies. As years go by, skin products grow frequently in the market. Skin is one of the best assets in people's bodies. Wounded or scarred skin is unattractive. "Be trained to be the best, be linked to success." Pamaple soap with ingredients such as papaya, tomato, and apple brightens the skin, reduces redness on the skin, removes acne, moisturizes the skin, and has anti-inflammatory effects on the skin. The researchers conducted an experiment and a template, which is important for the project. Next to it was the formulation of methods as a guide to experimenting with a soap. After the formulation of the methods, the researchers discussed and attempted several materials to determine the most suitable material for the project. The chosen materials were used to produce the soap. When the product was done, the researchers conducted a survey questionnaire and surveyed two groups of respondents, that is, 10 science teachers and 5 science experts. The collected data will be processed using statistical tools and will be used to answer the statement of the problem. The difference between the two groups of respondents was determined. Science teachers obtained the overall mean of 1.83, with the variance of 3.35, a t-computed value of 0.0779, and a degree of freedom of 13 with 2.650; its t-computed value was less than the t-critical value. Therefore, the assessment of the science teachers is accepted. Science experts obtained the overall mean of 1.72, with the variance of 2.96, a t-computed value of 0.0779, and a degree of freedom of 13 with 2.650; its t-computed value was lower than the t-critical value. Therefore, the assessment of scientific experts is accepted. The study showed that correct ingredients can achieve the expectation, such as the quality, texture, and effectiveness of the product. The study also showed that the proper handling of funds, proper methods, and a correct procedure can lead to the success of the product.

Keywords: CPSIMDABSPS

Effectiveness of Using Gumamela Ink among Grade 12 ABM Students in Bestlink College of The Philippines

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Abstract

The research focused on how organic ink affects the life of a user and the environment. The study showed the aspects that may lead to the cleanliness of the environment and ensure the health of Grade 12 Accountancy, Business, and Management (ABM) students of Bestlink College of the Philippines. A qualitative method was used in this study using the descriptive research design. This study involved 50 selected respondents from Grade 12 ABM students. Using gumamela ink, teachers and students may use a medium of gumamela marker in school to lessen their expense in buying markers. Gumamela ink can help the students in saving expenses in printing projects and in buying ballpens and markers. This study revealed that using organic ink in markers, highlighters, and ballpens will allow the user to use it in different ways. The pigment or color of organic ink should be good to get the best color of the ink. The smell should have a good fragrance to avoid any allergy and discomfort for the user. It is advisable to improve the color of the gumamela ink and know what ingredient can improve the absorption of the ink, rate of the stick consistency, and odor.

Keywords: gumamela ink

CIVIL ENGINEERING

Proposed House Mitigation for Natural Disaster in Marikina City

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Abstract

According to the Philippine Statistics Authority (PSA), the Philippines is the third most vulnerable country to natural disaster, and it lacks the focus to consistently provide a resilient and sustainable structure. To visualize a model that focuses on durability and weathering resistance, this study proposed a house mitigation model that promotes earthquake and windstorm resistance measures through an architectural design and housing plan that reduce destruction and risk of natural disasters. A quantitative-experimental research method was used for the study. Purposive sampling was also used to gather the information of the respondents in assessing the level of acceptability of the house mitigation model. The process of constructing the house mitigation model started in preparing the floor plan of the structure and materials needed. The next stage was the execution of making the structure that will support the damper. Afterward, the exterior design was added, and the researcher tested the mechanism of the model. The results of the study were highly acceptable as assessed by civil engineers and the Marikina Risk Reduction and Management Office. This result indicated no significant difference between the assessments of the two groups of respondents in terms of the cited variables. Meanwhile, Civil Engineers acquired an overall mean of 3.27 with a variance of 0.219, a t-computed mean of 0.348, and a degree of freedom of 8 with a value of 2.896; its t-computed value was also lower than the t-value. Therefore, the assessment of the Marikina City Risk Reduction and Management Office is accepted. Meanwhile, the acquired overall mean of Marikina City Risk Reduction and Management Office was 3.36 with a variance of 0.014, a t-computed mean of 0.348, and a degree of freedom of 8 with a value of 2.896; its t-computed value was larger than the t-critical value. Therefore, the assessment of Civil Engineers is accepted. The researchers decided to make a 14-floor condominium that has a standard scaling of 100 cm:1 cm, with a mass damper of 10 tons. The researchers used foam board as a cement molder of the frame and post of the whole structure. The suggestion of the respondents was to address the factors affecting the variables to have a stable and durable building structure. The researchers also recommended studying the building code before the floor planning for the architectural design and construction of the project model. Despite all trials and errors that our model went through, we conquered it with time, effort, and determination.

Keywords: mitigation, damper

Proposed Military Training Camp in Plaridel, Bulacan

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Abstract

This study aimed to construct a proposed military training camp in Plaridel, Bulacan, and the campus is located in Bulacan. The training equipment and facilities in this campus are unique. It is the training campus for soldiers. On this campus, students can improve their fighting skills and military abilities. The research method of design utilized in this study was quantitative analysis. The researchers prepared a floor plan and a miniature for this project. The researchers discussed and tried several materials to determine the most suitable materials to construct the military training camp miniature. When the miniature was finished, the researchers conducted a survey. They surveyed two groups of respondents, that is, five civil engineers and five Architects. The collected data were processed using statistical tools and used to answer the statement of the problem. The results of the study in terms of concept, design, feasibility, and presentation were strongly acceptable as assessed by civil engineers and architects. This result indicated no significant difference between the assessment of the two groups of respondents in terms of the cited variables, wherein civil engineers obtained an overall weighted mean of 3.29, which was interpreted as strongly acceptable with the variance of 3.28. Meanwhile, architects obtained an overall weighted mean of 3.04, which was interpreted as strongly acceptable with a variance of 3.03. The results of the study showed the suitable materials to achieve the expectations, such as the toughness and quality of the project. It also showed that the proper handling of funds, proper methods, and correct floor plan could lead to the success of the project.

Keywords: military, training campus, engineering

Isolated Waffle Box Evacuation Center

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Abstract

This study aimed to construct an isolated waffle box evacuation center, improve the evacuation center here in the Philippines, and determine the materials that can be utilized in constructing the isolated waffle box evacuation center. The procedure taken to construct the miniature, the problem encountered in the process of constructing the miniature, and the findings were utilized as a guide for the successful construction of the isolated waffle box evacuation center. This study found that the isolated waffle box evacuation center was planned following the floor plan, and the stairs in the miniature were long. Quantitative research was used as a research design for this study while utilizing purposive sampling to gather respondents in assessing the level of accessibility of the isolated waffle box evacuation center in terms of concepts, design, suitability of construction materials, and presentation. The researchers surveyed the respondents to gather data and to determine whether the proposed project was acceptable in terms of concepts, design, suitability of construction materials, and presentation. The results of the study in terms of concepts, design, suitability of construction materials, and presentation were strongly acceptable as assessed by mechanical engineers and civil engineers, thereby indicating no significant difference between the assessment of the two groups of respondents in terms of cited variables. Mechanical engineers obtained an overall weighted mean of 3.88, which was interpreted as strongly acceptable with a variance of 1.86. Meanwhile, civil engineers obtained an overall weighted mean of 3.89, which was interpreted as strongly acceptable, with a variance of 1.86. The recommendations of the two groups of respondents are as follows: add more design on the miniature to make it look creative and realistic, and researchers have to pay more attention to doing the miniature to make it more accurate and precise according to measurement. The researchers should also be mindful of the materials that were used on the miniature.

Keywords: TIWBEC

Renovation of Parthenon Cathedral in Athens and Greece Miniature

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Abstract

The main purpose of the Parthenon Cathedral in our generation is for worship because there are many religious people in the Philippines nowadays. The next generation of our study will benefit by putting Parthenon Cathedral together to can maximize the help it provides for religious people. Establishing this cathedral may help not one but all religious Filipinos. The study showed that this organization needs to apply more durability and inspiration to make this cathedral useful for many orphans. This study showed that this structure needs to innovate to become more useful in the community to increase the number of people going to church. Hence, this cathedral should be more appealing than existing religious structures.

Keywords: Church

CLINICAL PSYCHOLOGY

Impact of Counseling to Decision-Making Process of Grade 12 Students of Humanities and
Social Sciences in Bestlink College of the Philippines: Basis for Proposed Action Plan

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Abstract

Researchers assessed the impact of counseling on the decision-making of Grade 12 Humanities and Social Sciences Strand students in Bestlink College of the Philippines. It is correlated to decision-making counseling where it can change the behavior of a person who is in counsel. This study helped students especially those experiencing various problems. Several students are involved in decision-making with their concerns about school stress, family problem, and financial problem. Counselors use critical thinking to provide choices to give the best decision. The researchers used qualitative research with descriptive design to understand the nature, characteristics, components, or aspects of a situation or phenomenon. A survey questionnaire was also used to gather information in selected Grade 12 Humanities and Social Sciences Strand students. The researchers used a random sampling technique to gather the target number of respondents and statistical treatment of data, which are the frequency distribution and percentage, as well as weighted mean. The researchers found that counseling affects the decision-making process of Grade 12 students in terms of relationship conflict, with an average weighted of 4.34 and verbal interpretation of agree. In terms of academic performance, the students were motivated to attend their class with the average weighted mean of 4.16, with the verbal interpretation of agree. In terms of behavior, the students can control their emotions, with an average weighted of 3.68 and the verbal interpretation of agree. Several students had issues that they need to seek council in terms of self-awareness. Students had difficulty in understanding themselves, with an average weighted of 3.58 and the verbal interpretation of agree. In terms of self-acceptance, students compared themselves with others with the verbal interpretation of agree. In terms of decision making, students analyzed one situation with the average weighted mean of 4.88 and the verbal interpretation of agree. The researchers suggested that the student must seek council with a professional guidance counselor to prevent negative thoughts and to know the process and step-by-step in solving a problem and making a solution.

Keywords: counseling, decision making

COMMUNITY DEVELOPMENT

Effects of Putting A "Ring-Like" Trash Bin Inside Classroom for Proper Waste Disposal of Grade 12 ABM Students at Bestlink College of the Philippines

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Abstract

In this generation, our trash is increasing rapidly. Several students are irresponsibly throwing their trash in the proper trash bin. The setting of our problem is in Bestlink College of the Philippines. Trash bins were present in classrooms, and the researchers wanted to know why trash is still scattered around. Even with the presence of a trash bin, if students do not have discipline, then the trash will still scatter around. This event served as inspiration for the researchers and motivated them to conduct this study. This study has many positive outcomes; it can reduce the amount of trash thrown everywhere by students, satisfy the teachers, and keep their focus on teaching because they will not be irritated again on trash being scattered, and it will promote the cleanliness of the campus. The descriptive method was used here. We used a type of nonprobability sampling method wherein the sample is taken from a group of people that are easy to contact or reach. Placing "ring-like" trash bins in classrooms reduced the amount of garbage being thrown by students and for innovating the students' discipline on proper waste disposal. A ring-like trash bin was placed in classrooms to decrease the trash and teach the students to be responsible for their surroundings. The researchers conducted this study to improve the discipline of the students about the proper segregation of waste and decrease the trash in the campus or classroom and prevent the rapid increase in the amount of trash.

Keywords: descriptive, discipline, management, trash bin, creative, attractive

Benefits of Recycling Plastic Spoon into Flower Vase in Grade 12 ABM Strand at Bestlink College of the Philippines

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Abstract

School is the student's second shelter. Thus, students should be responsible have a responsibility to maintain the cleanliness of our second home. We must know the consequences if we are not aware of the surrounding of our school campus. This study is conducted in Bestlink College of the Philippines Novaliches Quezon City Year (2019). According to the National Geographic Society (2019), plastic cutlery is everywhere, and most of it can only be used once. Billions of forks, knives, and spoons are thrown away per year. However, similar to other plastic items, bags, and bottle cutlery can take centuries to break down, thereby naturally giving the plastic waste ample time to work its way into the environment. This problem is extremely common but cannot be solved easily. Plastic cannot be biodegraded; hence, plastic waste is increasing. The increase in plastic waste can affect our health. Billions of items of plastic chock our oceans, lakes, and rivers and pile up on land. The objectives of our study were to reduce plastic spoon waste that is increasingly being scattered to the surrounding of our school which we can apply to our home and community. This study used a descriptive survey method with a questionnaire, specifically a checklist, as the main tool in gathering the respondents' feedback. This research will assess making a flower vase by using plastic spoon waste to minimize the increasing plastic waste in our school. The results of this study showed that the majority of the students agreed that recycling plastic spoons into a flower vase can help maintain the cleanliness in school and will help the student's learning and professor's discussion. However, the researchers cannot force the management of Bestlink College of the Philippines to monthly orient the students on proper waste management. The overall purpose of our study was to help our mother earth from suffering from different types of pollution. In this action, we can gradually save our orient environment and our lives. It can lessen the percentage of plastic waste in our country and promote having proper hygiene. The students can be disciplined to know proper waste management in our school, teach the students to concentrate well on their studies because of clean surroundings, prevent health disorder causes by plastic waste, make the school presentable to other people, and prevent burning plastic waste. Instead of burning, the plastic waste can be used as an alternative product, thereby helping to save our ozone layer.

Keywords: plastic pollution, clean surrounding, proper waste management

COMPUTER SCIENCE & ENGINEERING

Development of Hydroponics by Using PH Level and Water Temperature, as well as Micro-Controller and Sensor Devices

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Abstract

Urban farming is not popular in the Philippines, thereby increasing the prices of the vegetables because of the time needed to transport the goods from a rural farm into the market. Vegetables would cost even higher when a middleman is used. The vegetables are not even fresh when the goods reached the market. Hence, the consumers eat vegetables that are not less healthy than those acquired in the garden in rural areas. These problems seek a solution by undertaking different ways to supply foods even if the land is not that conducive for farming. Some of these problems may cost considerably, which can increase the difficulty of having a return on investment due to several aspects. The methodology used in this research was design sprint methodology, which was used to measure and validate the performance of the proposed design project. The product design process was done in small iteration to allow all ideas to be checked regularly and changed if necessary. This approach led to the instant improvement of the product. Lettuce was observed and monitored daily, and the ranges for pH and water temperature were controlled. Lettuce grows considerably fast in hydroponics, and the researchers could harvest it in only 25 days. The temperature of the greenhouse was hard to control because the humidity in Metro Manila was low in the afternoon. Thus, the result of the plant is not what the researchers wanted, but the main purpose of the design project is still accomplished. The results showed that hydroponics was a much faster way of farming than a traditional farm. Hydroponics is also a way of farming that is well-suited in urban places. Making the application of hydroponics into a business can also benefit the user itself. However, the parameters needed for a plant must still be put into much consideration because its result can affect the growth of plants grown in hydroponics.

Keywords: Hydroponics, pH level, water temperature, temperature, humidity, urban farming

Implementing Faculty Information System in Bestlink College of the Philippines

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Abstract

Our research team developed a Faculty Information System (FIS, profiling). This system is being used to manage teachers' data and information. Our was Bestlink College of the Philippines. We found that Bestlink College of the Philippines does not have an existing FIS and only uses folders and Microsoft Excel in storing and managing teachers' data. Bestlink College of the Philippines also encountered several problems in managing data such as searching teachers' data that are stored in folders, which is time-consuming and also has an extremely high risk of data security. Hence, we built a system that can solve all problems Bestlink College of the Philippines encountered. The method used was the system development life cycle, which has seven phases, namely, planning, analysis, design, development, testing, implementation, and maintenance. During the planning phase, we proposed a project budget proposal and prepared a feasibility study. We gathered all the data we needed by interviewing the proponents and observing the current system. From the data gathered, we made a blueprint for our system based on what our client requested using design tools such as UML. After developing the system, we tested all its features and implemented it after ensuring that is it free from errors. The demonstration of the system functions and how it works was provided to the client for familiarity purposes. As we tested our system including all its functions and features, such as audit trail, login attempts, searching, deleting, updating, editing, and adding profile features, it successfully met the client's requirements. Searching the teachers' data became easy, and Bestlink College of the Philippines now has a better security feature because our system contains an audit trail that can record the system's user time-in and time-out. Our system has also an interface for user log-in that requires a username and password to access the system. The primary purpose of this study was to make a system that is secured, simple, easy to use, and can provide a better FIS for Bestlink College of The Philippines. Based on our study of published articles about FIS, each one of the FIS in every school has unique and extremely useful features, but they have similar features such as high security in every data and information being stored in the system. Our system complied with these features because it has a Faculty Profile that can easily be accessed by system users by providing a searching feature by using the Employee ID. Our system also has delete, update, and add features.

Keywords: audit trail, Faculty Information System, System Development Life Cycle

Proposed Medical Information System of Students in Bestlink College of the Philippines

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Abstract

A medical information system is a system that stores the medical records of the student in Bestlink College of the Philippines (BCP). We encountered many problems; one of the problems is the security of the system. The system storing the medical information of the student is confidential. We used system development life cycle (SDLC) type that has five parts, that is, planning, design, testing, implementation, and maintenance. The planning stage involves all processes that we have to do to make the system, which includes brainstorming. The design includes the layout and flowchart of the system that we are doing. Testing meaning running the system if it works properly and making seminars in using to the possible users for to know how to use the system. The implementation of the system for the user to completely use it for them to have easy work to do. Maintenance includes continuously updating the system if it works and adding possible features that may be needed. We now have a system that stores the medical records of the student, a system that can handle all the medical records of the student in the school, and store them properly. The system includes the medical result of the student during the enrollment process containing all the records of students when they visited the clinic. The system stores the medical record of the students. The system can be helpful to the school management and students. Students can check their previous medical results to determine if they have a certain disease or not. Many schools should provide a system similar to the system we made. The main function of this system is to store the result, history, and previous health status of students. Inside the campus, we suggested making a system that also gives the possible disease that the student may have based on the previous results in future studies.

Keywords: System Development Life Cycle

Booking and Reservation System

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Abstract

A hotel and restaurant management system is software that helps carry out the tasks that should be done in the hospitality industry. Booking Reservation System manages all the guests who want to book or reserve a hotel or a restaurant. Booking Reservation has submodules, such as guest monitoring, general reports, booking reservation, facilities, and events. Guest monitoring is the process where you can monitor all the guests who booked or reserved in a hotel and restaurant; it can also approve or cancel a particular guest. A general report is where you can report all the transactions that happened in booking a reservation. Booking reservation is the process where you can book or reserve for a certain guest who wants to book or reserve a room, facilities, or events. The facilities submodule is where you can see all the available facilities in the hotel and restaurant management system. In the events submodule, one can see all the available events in the hotel and restaurant management system. The agile approach was used to build a proposed system. The developer team initialized requirement analysis to gather data and conducted a formal consultation that helped in building the idea for the proposed system. Document Design and Prototype designed the phase into a plan as the solution for the problems specified by the requirements of the proposed system. Iterations, demo, and feedback in this phase are the specific needs and wants of the company. Identify defects and resolved bugs in this phase are needed to determine if the function reached the requirement. The production and technical support of the proposed system indicate that it must completely function. The development team has created a system where the hotel and restaurant management system, booking reservation system, and the guest will benefit. For the booking reservation system, the system is created by the developers to speed things up in terms of booking and reservation and to determine who the people who booked/reserved are. For the guest, the developer team carefully studied how the developer team can meet the guest's needs. As a result, the developer team successfully provided what the user needed to do his/her daily work activities. The developer team created a well-designed system to provide the needs and perform the daily work of the user. The CRM should manage the needs of the guest, and the developer provides those needs. However, this project study is still working in progress and has many aspects that can be improved. Future researchers can use this project study as a basis for the study. Researchers can also upgrade the system in the future.

Keywords: HRMS, submodule, agile

Monitoring and Control of Soil Acidity and Moisture by Using Microcontroller Unit for *Capsicum frutescens*

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Abstract

One of the major problems of the farmers in the Philippines is the soil. There are so many reasons why the land is needed in the Philippines by the farmers continues to decrease. In this research, the proponents focused on the problem of soil acidity and lack of moisture. The purpose of this study is to help people on the farm or farmers and future researchers. The main objective of this study was to build a device that would help people on the farm or farmers to be easily notified about the soil status if their soil is already acidic or if it lacks moisture. It can also cure the soil quickly by using water if the soil is reported as lack of moisture and liquid fertilizer if the soil is reported as acidic. Lastly, the proposed device is environmentally friendly because it is a solar-powered device. This device will lessen the workload of the user while adding productivity. The Sprint Methodology was used by the proponents to create the proposed device. This product design process was done in small iterations. Thus, all ideas are checked regularly and changed if necessary. Hence, the device can easily adapt to changes if there is a need to change. The device has 6 phases starts with phase 1, that is, understanding the whole concept, information and ideas continued to phase 2 define is getting all means or value of a product. Phase 3 is a sketch of the tentative draft. Phase 4 is the deciding phase where all concepts, information, and ideas are analyzed all at once and finalized to be able to build a product. Afterward, phase 5 prototype refers to making a release of a product built to test a concept or process the last phase that validates the product by testing it multiple times. As a result of using the proposed device, the highest height of the chili plant cured plant height was 9.75 inches (24.765 centimeters), while the lowest height of the chili plant from the uncured plant was 6.00 inches (15.24 centimeters). The proposed device can give proper supervision to the soil. Healthy soil provides healthy plants. Based on the result, the proposed device is effective, and the proponent recommended using this device to improve the soil condition and plant. s

Keywords: soil acidity, soil moisture, monitoring and control of soil, *Capsicum frutescens*, healthy soil, healthy plant, solar-powered device

Human Detection Surveillance Camera Based on Face Recognition for House by Using Movidius Neural Compute Stick 2

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Abstract

At present, video surveillance is not new for house owners to have. It is essential due to the increasing crime and theft rates around the community. It can provide video footage, whether live or recorded, allowing the house owners to keep an eye on their property while they are away. It also helps the security personnel to identify and solve the crimes by reviewing the recorded videos. Unfortunately, reviewing the footage took a long time. Thus, our device (HD-SC) allows the house owner to be notified in real-time through the Internet and send short message service. Using the prototyping method, we created a preliminary design to build this device. With the aid of Movidius Neural Compute Stick, we managed to build a program structure of deep learning broader family of machine learning based on artificial neural networks. We also conducted a survey and follow-up questions that lead to a mini-interview, which enhanced our device based on the result we gathered from house owners that already own a surveillance camera on their house. Afterward, we refined and integrated our device based on data collected through quantitative analysis. On our device, we perceived the following substantial problems with the assessment innovation. 1.) Technical problems – Low CPU usage causes a bottleneck of programs. A poor Internet connection can causes a delay in notifications and camera quality that causes failed recognition. With these problems, the device cannot function well. Similar issues like this is cannot be avoided since our device is a prototype that needs considerable improvements; 2.) Follow-up Remarks – Good feedback from the house owners from having a surveillance camera that can identify any person that may have contact on the perimeter of the camera. Having SMS and smartphone notifications, they are satisfied with this innovation. Nonetheless, they also recommended some functions that we did not include recording video footage and saving video footage. The results we indicated were based on the assessments we observed and the comments of our respondents for our device to work efficiently. Our device can compare to other innovations of surveillance cameras such as facial recognition and smartphone integration. However, we have a SMS notification that can notify the user without an Internet connection on the phone. Hence, it is not enough to secure the house. Future researchers can use this study as a basis to implement the solution to the same problem that they want to enhance in the future.

Keywords: Movidius neural compute stick, HD-SC, SMS, deep learning

Usability of Ultrasonic Sensor Blind Stick and Glove with GPS Tracking System

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Abstract

The white cane is a tool for independence and a symbol of our sight-impaired citizens. The invention of the white cane was claimed by James Biggs after lost his sight and felt threatened by the traffic near his home. He painted his walking stick white to be more visible to motor riders. The implementation is done in small iterations. Thus, all data are checked regularly and changed if necessary. This approach improved our project and then continued in the design and development phase. It is a methodology that helps the developers to validate the ideas and align the team vision of a product while setting clear goals and objectives. It took a one-week sprint to work through the project construction, testing, and evaluation with the target users. According to the technicality of our project, our device is efficient and reliable to sense the distance of objects and water and determined exact location. Blind people struggle with traveling dependent on the assistance of their custodian or a simple stick to walk to the places they want to go as well as avoiding the obstacles in their path. Their safety is important to avoid accidents and getting lost. Thus, the developed device improved the mobility of blind persons, thereby allowing them to travel independently and helped their custodians to easily monitor them. The implementation of the microcontroller-based blind stick and love with location tracker is a low-cost, simple, portable, and user-friendly. Our device has obstacle detection 20 cm ahead of the user, water detection, location tracker, and sending/receiving SMS to view the real-time data of location. The microcontroller controlled the overall operation of the device and generated a buzzer sound for the obstacle and water detection. The additional feature of our device is a finder for the stick that alarm through a whistle. The system was designed using Arduino IDE (C language).

Keywords: Ultrasonic, Arduino, GPS, GSM

Arduino Uno Based Instaprint Vending Machine

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Abstract

With the fast growth of technologies and the growing needs of society, the proponents' prime objective is to create a machine that would lighten the workload and benefit society. The proponents considered developing a project device that will instantly print a document where you can pay by inserting coins, is stand-alone, and can be installed anywhere. Hence, the proponents conceptualized a design project regarding the interest in the automation of devices, which leads to the creation of an InstaPrint Vending Machine that would provide instant printing service to the users. The iterative method used to develop the project device has the following four stages that the proponents repeatedly underwent until reaching the current system: requirements, designing and development, testing, and implementation. The proponents specified and gathered all requirements, planned and designed how the system flows, tested the machine through evaluation, and implemented the created machine by installing it in an area that is accessible. In testing the device's performance in accepting coins ranging from old and new and from P1.00 up to P10.00 coins, 26 (86.7%) out of 30 tests were recognized and accepted by the program, thereby proving that the device is performing efficiently. In testing the printing process of the device, 34 (85%) out of 40 tests successfully met the standards given, thereby proving its functionality. After random students tried and tested the device, 35 (70%) out of 50 respondents rated the device as very excellent, 7 (14%) out of the 50 respondents as excellent, 4 (%) out of 50 respondents as fairly, 3 (6%) out of 50 respondents as needs improvement, and 1 (2%) out of 50 respondents as poor. The results were gathered, and the computed data proved a significant effect in the performance of the InstaPrint Vending Machine printing service compared with the existing printing services. Based on the result shown, the F-value was higher than the critical value of the 0.05 level of significance. Hence, the null hypothesis that there is no significant difference in the evaluation of the printing service given by the project entitled Development of InstaPrint Vending Machine is rejected. Based on the results, the proposed project provided the user a better experience in printing their document than the existing printing services. A percentage can evaluate whether what you are doing meets the standards set out in your quality plans to show that the standards of the customer are being met in the results.

Keywords: InstaPrint, Arduino Uno

Real-Time Water Level Monitoring and Early Warning Alarm System

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Abstract

Awareness is a great factor in keeping someone safe and ready for any situation, most especially during calamities. Knowing when a certain event will happen and knowing its risk will make someone react accordingly to save lives and avoid considerable damages. The researchers proposed the development of Real-time Water Level Monitoring and Early Warning Alarm System. The system can monitor the water level through an ultrasonic sensor and will calculate the estimated time before the runoff occurs. The processed data will be displayed to the LCD monitor attached to the device and will send SMS messages to the selected individuals. When the risk is critical or the runoff has already happened, the beacon light and the siren horn will send a signal for a possible action that can be applied. The system has a power backup system in case of power interruption. The researcher used the waterfall method to develop the system. It is a method that defines several consecutive phases that must be completed before moving from one phase to the other. The process can be endlessly repeated until each phase was perfected. The phases of this method are Requirement Analysis, System Design, Implementation, Testing, Deployment, and Maintenance. Using a stopwatch timer, the researchers monitored the water level until it reached the runoff point where the water will spill out. The test showed that it will take 16 min and 38 s before the demonstration platform will experience runoff. This test was conducted without the system installed. The system test showed that it will take 18 min and 57 s before the possible runoff of the demonstration platform in the presence of sensor devices where the possible changes in the water behavior happened the real-time water level monitoring and early warning alarm system showed accuracy because it can measure the changes in the flow rate of the water. This system can also send a notification after the data was been processed.

Keywords: real-time monitoring

MCU-Based Home Automation by Using Android Application

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Abstract

Home automation is building for a home that is called a smart home or smart house. A home automation system will control lighting, entertainment system, and appliances. The proposed project is MCU-based home automation by using an android application. The electrical appliances at home are usually turned on and turned off switch manually. The proponents proposed this project for home automation where the user can control their appliances at home by using an android application. This device can help the user to lessen the use of manual switching on and off their appliances. The scientific method and engineering method are typically represented as a set of steps that will help guide a project, investigation, innovation, or experiment. First, the proponents determined what the main problem of their proposed project is and identified the main needs of this project. Second, the proponents did background research to determine the existing solutions to similar problems and avoid mistakes that were made in the past. Third, the proponents specified the requirements, the proponents gathered all the specific requirements both the hardware and the software parts of the device for better features, design, and excellent functioning. This device can prevent fire accidents and lessen the electricity bills because the user can turn their appliances on and off when they are far from their home with the use of mobile phones. This device is very useful to owners because they only need to click on their mobile phones to turn off their appliances, thereby resulting in fewer worries. Before, we need to manually switch our appliances on and off. However, at present, the proponents built a device not only for switching on and off the appliances and they used mobile phones so that the user can forget their appliances at home with the use of study and technology. The project contained a standard description of what is expected to be done, the prerequisite of the project, and how to produce the expected amount of work. It included the discussion of the requirements to do the project, which covers the planning stage to make the device possible. Input, identity data, or the possible requirements of the system were also included. The researchers also specified the hardware and software requirements in developing the system. To have a unique design, the process of conducting data gathering through interviews, surveys, and observations should be performed.

Keywords: MCU

Development of Classroom Automated Power Control by Using Arduino and RFID with Classroom Scheduling System

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Abstract

Nowadays, power control management plays a vital role in reducing consumption and increase the efficiency of resource utilization. In the traditional system, the manual operation of electrical devices in colleges gets unnoticed, which leads to high electricity consumption. To solve this problem, the proponents designed a scheduling power control system in two classrooms that will be equipped with a Radio Frequency Identification Device (RFID) that will cater to the occupants. These devices can switch on/off automatically. The RFID-based Power Control with Scheduling System is a centralized system that can be monitored and controlled by the administration and by the college department to find out the whereabouts in their system. The faculty staff/member can use the device by tapping their RFID/ID by turning on/off the power control device in the classroom. Teachers can use the classroom up to their last period and the system will automatically turn off the controller of the classroom. The researchers gathered information by using the engineering method to determine the analytical and logical approach to problem-solving that uses science, mathematics, and physics to define, analyze, and solve issues for the improvement of the existence of life on Earth. The researchers obtained the frequency and percentage of the gathered data to conclude the problem on where the researchers are focused and to know what is behind the problem of the College on their electric consumption. The significant increase in the electric bills is one of the major concerns of schools. The school management wants to know how can they save on electricity when classrooms require ventilation, light, and other electrical devices. Students occasionally forget to turn off the light or electric fan upon leaving the classroom, which may lead to even higher electricity consumption. This phenomenon results in inconsiderable energy misuse and overspending of resources. This situation calls for an automatic power control system to utilize electrical consumption.

Keywords: scheduling system, classroom power control, RFID Arduino-based system

Development of MCU-Based Fish Feeder with SMS notification

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Abstract

A MCU-based fish feeder with SMS notification is a microcontroller device that is run by Arduino Uno. The fish feeder was designed ergonomically and is a user-friendly device that can help fish farmers with its versatile and functional features. A MCU-based fish feeder with SMS notification has a scheduling system to help the fish farmers feed the fish at a specific time. The device is also equipped with an ultrasonic sensor to notify the user if the fish pellets are at a critical point and would send data to the GSM module to notify the user via SMS message to restock fish pellets. The device power source was controlled by a sealed rechargeable battery, and the device is electrically supplied by a solar panel. Lastly, it can distribute 1 kg food pellets in 43 s. The mechanism of the device was prototyped by an auger together with a stepper down motor for dispensing feeds from the hopper storage to the centrifugal blower that would throw the pellets to the fishpond for approximately 23–25 ft. long-range and can occupy 60 sq areas of the fishpond.

Keywords: Ardiono Uno, ultrasonic sensor, stepper motor, GSM module

CONSTRUCTION AND PROPERTY MANAGEMENT

HR Policy Development for Material Handling Equipment Company in Quezon City

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Abstract

The firm is an established material handling equipment manufacturing industry that was founded on May 03, 2004 and serves the entire Luzon area. The firm is located in Quezon City. Currently, the firm has 117 employees and has been operating for over 15 years providing good quality products, professionalism, and well-experienced material handling services. The researchers used a variety of methods to help in gathering information regarding the company, such as employee surveys and advice from professors. The researchers provided questionnaires to the HR personnel and employees during the interview. The researchers also used online reading materials as references to support the ideas for the study. The researchers identified 52 existing policies, including the policies on the ethics/standard of conduct such as quality policy, honestly policy, and sexual harassment policy. HR information management covers employee records, time-keeping, employee information, resignation, and data confidentiality. The aspect of compensation and benefits contains government-mandated benefits and leave benefits. Recruitment/placement and retention followed the standard recruitment process, that is, contractual arrangements (e.g., probationary), contractual, and regular employment. For the staff's well-being, safety and security are implemented. Staff development and training included a development policy. Mobility includes policies on promotion and lateral transfer. For the performance management and management style, the policies are democratic and management by wandering around. The management responsibilities and policies are included in the Role of Staff Representative. Lastly, the Administration of Justice includes general policy, rules and regulations, and disciplinary action policy. The researchers proposed 16 policies to improve the company policies and develop policies to improve the good working relationship between the employer and employees. The suggested policies are the following: Conflict of Interest and Anti-Discrimination policy, Biometric policy, Solo Parent, Paternity Leave and Hazard Payment, Enhancement of Hiring Process, Seasonal/Temporary Employment, Occupational Safety and Health Standard, Medical Clinic, Forklift Safety and Training, Job Rotation, Enhancement of Performance Management, Participative Management Style, Security and Health Personnel, and Anti-Bribery and Corruption Policy.

Keywords: policy development, procedures, material handling equipment

CRIMINOLOGY

Human Rights Issues and Impacts on Person Deprived of Liberty in Correctional Institution for Women

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Abstract

Imprisonment and other measures that result in cutting off an offender from the outside world are noxious by the fact of taking from the person right of self-determining by depriving him/her of liberty. Then, the prison system shall not, except as an incidental to justifiable segregation or the conservation of discipline, aggravate the distress innate in such a situation. The basis and justification of a sentence of imprisonment are to protect society against crime. A multiple methods design was used. Using a grounded method approach, the researchers conducted a focus group discussion with persons deprived of liberty (PDL) in the Correctional Institution for Women on January 7, 2021 in Mandaluyong City; they responded to a set of semistructured questions (human rights issues and impacts to PDLs in correctional institution). Inventory was also conducted, with data collected through qualitative data analysis of use in determining the issues inside the women's penitentiary. Many PDLs who participated in our survey and interview perceived substantial problems with the assessment of the human rights issues and impacts, which stern predominantly from 1) a pecuniary aid, 2) communication, 3) inmates/PDL's interview, and 4) Good Conduct Time Allowance (GCTA). In instances where correction personnel and PDL sounded highly involved. The highest assessment cited on the following questions was the fact that the respondents corresponded on the problem that they encountered inside every dormitory, especially in terms of lacking monetary budget, media misinterpretation, and inaccurate articles about PLDs. The highest assessment was on the measure that may utilize to assess each problem arising inside the women's penitentiary, particularly on providing appropriate pecuniary aid and granting GCTA to those with a sentence of life imprisonment. The results demonstrated the need for additional funds for the pecuniary aid as needed by PDLs and medical assistance when the interview of PDLs was ongoing and educational teaching skills to further enhance the knowledge of young and illiterate PDLs. They also seek for the review of the legislative branch of the government of GCTA for PDLs whose sentence is life imprisonment.

Keywords: Human rights, CIW, GCTA, pecuniary aid

Effectiveness of Emergency Response Team in Rodriguez Municipal Jail

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Abstract

Everyone should be prepared for any emergency. In a prison setting, the emergency response team (ERT) is the well-trained team that is always ready to respond during emergencies. The team assists casualties and evacuate individuals or people that are suffering from such situations or occurrences in jail. This team is flexible, holistic, and can extend the life of victims by using their systematic life support training. The ERT can handle situations even in the hardest kind of disaster/s. The team should be the fastest unit to respond to such a disaster/situation and are trained to solve it quickly. The ERT is composed of medical professionals who are focused on ensuring health and safety with the help of jail officers and persons deprived of liberty (PDLs). The effectiveness of the safety execution depends on the coordination of the personnel and the PDLs with the ERT during emergencies. This research used a qualitative method to study every detail or information about the correctional emergency response team. The researchers used a random sampling method in choosing the respondents. A total of 10 of the respondents were chosen from the personnel, while the other 10 were from the PDLs. It is a subset of a statistical population in which each member of the subset has an equal probability of being chosen. The findings showed that the highest percentages of respondents were male Bureau of Jail Management and Penology (BJMP) officers and PDLs with 95%. The age bracket of 36–45 years old achieved 55%, while the civil status of single garnered 75%. In terms of educational attainment, the college level achieved 75%. The respondents strongly agreed that the emergency response team is effective during the emergency response in terms of personnel, training, and equipment. The respondents strongly agreed that in terms of the behavior of the PDLs, the most challenging and hardest experience for ERT was with self-harming PDL. The respondents strongly agreed that being physically trained and responsible for coordination with other teams are the best characteristics of an effective ERT. The purpose of this study was to assist the BJMP and DILG to use precautionary measures for the ERT in Rodriguez Municipal Jail for the safety of the jail officers and PDLs.

Keywords: emergency, response, team

Business Plan on Establishment of DJLK Tattoo Shop at Brgy. Nova Proper, Quezon City

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Abstract

Contraband is a major issue behind the walls and can be anything from a "homemade" shank by inmates or drugs/weapons smuggled inside the prison in various ways. The problem is not only the different types of contraband in the prison; the questions also include how it was smuggled inside the walls, what are some ways to prevent its entry into prisons, and what are different types of contraband found in prisons. The researchers chose this topic to determine the nature and status of the Bureau of Jail Management and Penology (BJMP) personnel against contrabands, identify different items of contraband that exist, and know various measures that can be undertaken to minimize the problem encountered by BJMP personnel against contrabands. The researchers utilized a descriptive method as the research design because this method describes the nature of the situation as it exists at the time of the study and explores the causes of particular phenomena. The researchers utilized purposive sampling, which is a nonprobability sampling method that occurs when elements selected for the sample are chosen by the judgment of the researcher. Researchers often believe that they can obtain a representative sample by using sound judgment, which will save time and money. The instruments used in gathering data were survey questionnaires, interviews, and observation. The respondents were described according to different demographic profiles. A total of 40% of the respondents are from the age range of 34–41 years old. A total of 90% of the respondents are male, 80% are married, and 80% are college graduates. Different contrabands exist in Makati City Jail, such as deadly weapons, vices, and gadgets. The BJMP personnel also encounters common problems at Makati City Jail. The results of the study can be used in developing enhancement programs, training, and continuing updates through seminars concerning the campaign against contraband inside the jail for better and more effective techniques and procedures.

Keywords: nature and status, Bureau of Jail Management and Penology, contraband, city jail

Effects of Incarceration on Persons Deprived of Liberty in Malabon City Jail

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Abstract

In general, incarceration is the state of being jailed. In the broader sense, an individual is incarcerated as a punishment and reformation for the commission of offenses that become detrimental to the lives of the member of society. At present, jail management has many rehabilitation and reformation programs being implemented. These programs can efficiently work if the persons deprived of liberty (PDLs) have been trained behaviorally to accept such programs positively. The acceptance of the person to such training and behavioral reformation can only take place if, despite the stressful jail environment, the PDL has a stable behavioral orientation and a positively inclined personality. The researchers aimed to identify the effects of incarceration on PDLs in Valenzuela City Jail. The researchers utilized descriptive research. It can only be used to create a causal relationship, where one variable affects the other. Descriptive research has an essential requirement for internal validity. The researchers utilized the following instruments to gather the needed data on this particular research. The researchers first used the questionnaire method as the instrument of data collection. The second instrument was an interview; an oral interview was done to gain more knowledge, especially on the respondents, and emphasize the factors involved. The third instrument was focus group discussion. The researchers also used books, magazines, newspapers, Internet sources, and previous theses to develop the concept and contents of the study. The respondents were described according to different demographic profiles. A total of 40% of the respondents were from the age range of 42-50 years old. A total of 100% of the respondents were male, 100% were married, and 60% are M.A. graduates. The respondents agreed that the effects of incarceration that lead to reformation in terms of skill development, job creation, and lifestyle were regarded as extremely effective. The problems encountered that affect the effect of incarceration that led to reformation was regarded as less serious by the respondents. The results of the study can be used as an invitation to investors coming from the business sectors to promote livelihood programs to all PDLs for their total reformation while serving their sentences.

Keywords: effect, incarceration, persons deprived of liberty

Effects of Marawi Siege on Maranao Tribes

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Abstract

The Maranaos are one of three indigenous Muslim groups that are native to the island of Mindanao in the southwestern part of the Philippines together with the Illanun and Maguindanao. This tribal group shares a generalized Southeast Asian culture but has its own cultural identity. Almost all Maranaos are Muslims, but some groups living in the hills around Lake Lanao are committed to a version of Islam that is fused with traces of pre-Islamic traditions. The spreading of Islam in Mindanao created a differentiation between its native peoples; those who became Muslim were named "Moro," and those who did not are called "Lumad." The Maranao, who were the first inhabitants of the shores of Lake Lanao, still inhabit this region. The name Maranao means "People of the Lake" or "Lake Dwellers," referring to the indigenous people who inhabited the grounds around Lake Lanao. The method used for this research was purposive sampling (also known as judgments, selective, or subjective sampling), which is a sampling technique wherein the researcher relies on his or her judgment when choosing members of the population to participate in the study. Researchers often believe that they can obtain a representative sample by using sound judgment, which will save time and money. The results from the data gathered in 50 respondents answered why Maranao tribes choose to relocate to Manila City. The highest assessment on the part of respondents was "Start a new life," with a weighted mean score of 4.76. The effects of the Marawi Siege are as follows. In terms of the psychological aspect, the highest assessment on the part of respondents was "phobia," with a weighted mean score of 4.9. In terms of lifestyle, the highest assessment was "lack of proper hygiene," with a weighted mean score of 5. In terms of social interaction, the highest assessment was "inactive in a social gathering," with a weighted mean score of 4.36. In the proposed solution, the highest assessment was "The government should give programs to overcome the problem about mental health" and "Give them proper relocation area to start a new life," with a weighted mean score of 4.76. The results showed that the local government unit must give attention and help them to secure their life and also give them programs that may help them start a new life.

Keywords: Marawi siege, refugees

Hygiene and Sanitation of Persons Deprived of Liberty Inside Quezon City Jail

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Abstract

The hygiene and sanitation of persons deprived of liberty (PDL) inside the Quezon City Jail serve as a guideline to all municipal, provincial, and city jails for improvement. It guides the personnel and detainees daily. This personnel implement every detail on how detainees and jail officers should act to keep the facilities clean. These guidelines help the personnel work easily daily and control the maintenance of the facilities. The Bureau of Jail Management and Penology (BJMP) exercises supervision and control over all city and municipal jails, including their establishment and maintenance in every district, city, and municipality for a secure, clean, adequately equipped, and sanitary jail. The BJMP is also involved in the custody and safekeeping of city and municipal prisoners, any fugitive from justice, or person detained awaiting investigation or trial and/or transfer to the national penitentiary, including a violent or mentally ill person who endangers himself or the safety of others, duly certified as such by the proper medical or health officer for pending transfer to a mental institution. Health-related provisions within the penitentiary institutions must include assistance as a part of secondary and tertiary prevention but also in a pre-eminent way of promoting health. (Garcia-Guerrero, Marco, 2016). The study utilized a descriptive method of research to show the appraisal of the respondents on the quality of Bureau of Jail Management in Quezon City Jail. The research was collected to answer the question concerning quality. It involved descriptive recording analysis and interpretation of conditions that exist. The fundamental reason for carrying the descriptive research was to identify the cause of the latest events and whether it is concerned with the description of the existing distribution of variables. Based on the aforementioned summary of findings, the following conclusions were drawn. The respondents regarded the hygiene and sanitation of PDLs inside the Quezon City Jail in terms of facilities, food preparation, comfort room, and garbage disposal as satisfactory. The common problems encountered by the Bureau of Jail Management and Penology and the PDLs in the implementation of hygiene and sanitation inside the Quezon City Jail were regarded as satisfactory. The respondent strongly agreed with the proposed solutions in the first table to improve the hygiene and sanitation of PDLs inside the Quezon City Jail. The proposed solution "Prioritize acquiring additional equipment for cleaning" was the most recommended. The researchers recommended having additional facilities for PDLs to reduce congestion, building water treatment facilities to produce a sufficient supply of potable water, building additional facilities for the proper segregation of waste, and requesting additional kitchen equipment to be able to prepare food cleanly and efficiently.

Keywords: person deprived of liberty, Bureau of Jail Management and Penology

Proliferation of Tuberculosis inside Makati City Jail

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Abstract

The problem is specified toward the proliferation of tuberculosis inside the Makati City Jail. This disease is extremely known to persons deprived of liberty (PDLs) inside the jail. Tuberculosis is an infectious bacterial disease that is characterized by the growth of nodules (tubercles) in the tissues, especially the lungs. The main cause of this disease is crowded living conditions, which is the main problem in most prisons in our country. The reason why this is a preferred study is to provide enough knowledge for the PDLs with devoted education to avoid this kind of disease. Even if only one student would have been able to help us, our synthetic solution would have still come. The researchers utilized a descriptive method of research. It involved the collection of data and answered the questions concerning the current status of the subject of the study. A survey questionnaire was the main instrument for this study, which was designed to obtain information about the proliferation of tuberculosis inside the Makati City Jail. The researchers first used the questionnaire method as the instrument of data collection. The second instrument was an interview; an oral interview was done to gain more knowledge of the respondents and emphasize the factors involved. The third instrument was focus group discussion. The researchers also used books, magazines, newspapers, Internet sources, and previous theses to develop the concept and contents of the study. The respondents were described according to different demographic profiles. A total of 45% of the respondents were from the age range of 34–41 years old. A total of 100% of the respondents were male, 80% were married, and 80% were elementary level. The respondent regarded medication, crowd control, and facilities were "satisfying." The respondents regarded the common problems encountered by the respondents in the prevention of tuberculosis inside Makati City Jail were regarded as "moderately serious." The results of the study can be used in crafting a guide for addressing the immediate need inside the city jail, which is prevention and medication for the infected PDL; it can also be used to improve the facilities and supervision to ensure the health safety of the PDL.

Keywords: proliferation, tuberculosis, city jail

Modernization Program on Jail System at Quezon City Jail: An Assessment

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Abstract

Jails are popular in the Philippines due to the high crime rate and the war on drugs campaign of the government. The Corrections Pillar performs its task as the safe keeper and undertakes the rehabilitation of offenders and convicted felons. In this study, we surveyed the detainees to assess the current situation in jail the need to modernize and improve on the part of the government. The descriptive method was used as a research design. It attempts to describe and explain the conditions of the present by using many subjects and questionnaires to fully explain a phenomenon. This served as a guide to evaluate the needs of our jail system to upgrade the living condition of persons deprived of liberty (PDLs) in Quezon City Jail. Regarding the importance of the study in the policy and practice in the Bureau of Jail Management and Penology (BJMP) jail facilities, an in-depth study on how the basic needs of inmates can be effectively provided to improve their well-being was conducted. Given that the result of the study showed that "work and livelihood" were ranked the lowest, we recommend that BJMP should provide more systematic work and livelihood programs for PDLs. The income that they can generate from it can be used to augment the shortage on the budget of the PDL's basic commodities. For future researchers, this is only one study that relied on a relatively small number of PDLs in a single jail facility. While we understand that improving the "shelter/quarter" of the PDL entails budget and further planning from the government and to BJMP, these realities should be faced one step ahead by the concerned. With the ongoing concern on how appalling the PDL's number vis-à-vis the jail quarters, the modernization program should be prioritized. The BJMP under the Department of Interior and Local Government supervised all provincial, subprovincial, and city jails throughout the Philippines. It houses prisoners whose sentences range from 1 day to 3 years and detainees awaiting disposition of their cases. This study focused on the assessment of the modernization program on the jail system at Quezon City Jail. Our findings showed that the Additional Budget for Work and Livelihood Program is one of the lowest in terms of budget allocation, the Work and Livelihood Program also fail as the lowest in terms of reformation program.

Keywords: BJMP, QCJ, PDL

Basic Literacy Program in Reformation of Persons Deprived of Liberty at Makati City Jail

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Abstract

Prison education is any educational activity that occurs inside the prison. Courses can include basic literacy programs, secondary school equivalency programs, vocational education, and tertiary education. Other activities such as rehabilitation programs, physical education, and arts and crafts programs may also be considered a form of prison education. The focus of the study will be the BLS programs. The effectiveness of this program will be assessed in terms of writing, reading, and arithmetic. Similarly, the problems encountered in the BLS program in the jail will be assessed in terms of writing, reading, and arithmetic. The researchers utilized the descriptive-correlational design because it is designed to provide a snapshot of the current state of affairs. The descriptive method was used in the investigation because it describes and interprets data observed or gathered. The descriptive research design was used to provide a snapshot of the current state of affairs. Correlational research is research designed to discover relationships among variables and allow the prediction of future events from present knowledge. Given that this study takes a look into the present effectiveness of the educational program in the values of persons deprived of liberty (PDLs) and their personality, the inmate's state before and during imprisonment should be a state of determining if there is a change in their personality during incarceration. The researchers utilized the population census or total enumeration based on the number of inmates who are enrolled or enlisted in the BLP program. The respondents were described according to different demographic profiles. A total of 50% of the respondents are from the age range of 26–33 years old. A total of 100% of the respondents are male, 60% are married, and 60% are uneducated. The Basic Literacy Program in Reformation of PDLs is in place in terms of writing, reading, and arithmetic. The respondents also encountered problems such as lack of lecturers, classrooms, speech equipment, instructional and reading materials and workbooks, and math books. The results of the study can be used to improve the facilities to sustain the implementation of the educational program for the reformation of the persons deprived of liberty.

Keywords: basic literacy program, reformation, persons deprived of liberty

Capabilities of BJMP Administrative Personnel toward Delivery of Services in Valenzuela City Jail

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Abstract

The administrative services of the Bureau of Jail Management and Penology (BJMP) primarily handle safeguarding, rehabilitation, and reformation programs in the persons deprived of liberty confined in the institution. The administration department shall provide services related to personnel, records, supplies, and cash management. Republic Act No. 6975, which is otherwise known as the "Department of the Interior and Local Government Act of 1990," stated that the task of jail management and penology shall be the responsibility of the Bureau of Jail Management and Penology. As pursuant of this mandate, the BJMP, through consultative and participatory strategic planning sessions, should follow and value this mandate, as well as implement its vision, mission, powers, functions, objectives, and principles. In terms of the number of challenges brought about by certain circumstances, uniformity should be ensured in the discharge of functions by all BJMP personnel concerned to ensure that all special and standard services are delivered accordingly. The researcher utilized a descriptive method of research, which describes the characteristics of the population or phenomenon that is being studied. This methodology focuses more on the "what" of the research subject rather than the "why" of the research subject. The researchers also utilized questionnaires, unstructured interviews, and focused group discussions as research instruments to gather information. The respondents were described according to different demographic profiles. A total of 50% of the respondents are from the age range of 26–33 years old. A total of 90% of the respondents are male, 80% are married, and 70% are college graduates. The respondents assessed the capabilities of administrative personnel toward the delivery of services in Valenzuela City Jail in terms of information dissemination and timely updates and regarded these as "effective." Meanwhile, the problems encountered that affect the capabilities of administrative personnel toward the delivery of services in Valenzuela City Jail were regarded as "less serious." The results of the study can be used in crafting a guide to ensure that the capability of the bureau is more than enough in delivering the service needed and to address the problems in Caloocan City Jail properly.

Keywords: capability, administrative personnel, city jail, BJMP

Proliferation of Tuberculosis inside Makati City Jail

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Abstract

The problem is specified toward a proliferation of tuberculosis inside Makati City Jail. This disease is extremely common to persons deprived of liberty (PDLs) inside the jail. Tuberculosis is an infectious bacterial disease characterized by the growth of nodules (tubercles) in the tissues, especially in the lungs. The main cause of this disease is the crowded living condition, which is the main problem of most prisons in our country. The reason why this is a preferred study is to provide enough knowledge for PDLs with a devoted education to avoid this kind of disease. Even if only one student would have been able to help us and the way our synthetic solution would have come, the researchers utilized the descriptive method of research. Survey questionnaires were the main instruments for this study, which were designed to have information about the proliferation of tuberculosis inside Makati City Jail. The researcher first used the questionnaire method as the instrument of data collection. Second, the researchers performed oral interviews to gain additional knowledge, especially about the respondents, and emphasize the factors involved. Third, the researchers used focus group discussion, which is another source of important data. Fourth, the researchers used books, magazines, newspapers, Internet sources, and theses to develop the concept and contents of this study. The respondents were described according to different demographic profiles. A total of 45% of the respondents are from the age range of 34–41 years old. A total of 100% of the students were male, 80% were married, and 80% were elementary level. The respondents regarded the proliferation of tuberculosis inside Makati city jail in terms of medication, crowd control, and facilities as "satisfying." The respondents regarded the common problems encountered by the respondents in preventing the spread of tuberculosis inside Makati City Jail as "moderately serious." The results of the study can be used in crafting a guide to address the immediate need inside the city jail, which is prevention and medication for the infected PDLs. The results of this study can also be used to improve the facilities and supervision to ensure the health safety of PDLs.

Keywords: proliferation, tuberculosis, city jail

Common Problems Encountered by Selected Senior Citizens as Persons Deprived of Liberty in Quezon City Jail

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Abstract

Thousands of senior citizens are incarcerated in the Philippines according to data from the Bureau of Jail Management and Penology (BJMP) and Bureau of Corrections. Old age does not give anyone an instant pass to skip detention and jail time. According to data from BJMP, which is the agency that manages the country's jail for detainees waiting for the verdict on criminal cases against them, at least 3,043 persons aged 60 years old and above are detained as of November 2018. Age does not mean immunity. While Article 13 of the Revised Penal Code said that age could be a mitigating circumstance in criminal liability, it does not say that age could exempt anyone from detention and prison time. With the conditions of senior citizens, considering their state of health, many elderly persons deprived of liberty (PDLs) encounter difficulties and challenges that this study wants to investigate. The researchers utilized a descriptive method to show BJMP treats "senior citizens" as PDLs. This method involves the collection and tallying of the data of the respondents, as well as analysis, and interpretation of the gathered data. The survey method was used because it gathers limited data from relatively the existing phenomena without inquiring why they exist. This study focused on the present treatment for senior citizens as PDLs and determined the situation during the imprisonment of elderly inmates and updates on their safety, condition, and health during incarceration. The respondents are described according to different demographic profiles. A total of 100% of the PDL respondents are from the age range of 60 years old and above. A total of 100% of the respondents are male, 60% are married, and 60% are high school graduates. Senior citizens as PDL in Quezon City Jail are being treated. The respondents also encountered problems in terms of living conditions, poor ventilation, and poor ventilation because of overcrowding. The results of the study can be used to improve the living condition to sustain the treatment for senior citizens as PDLs.

Basic Literacy Program in Reformation of Persons Deprived of Liberty in Makati City Jail

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Abstract

Prison education is any educational activity that occurs inside the prison. Courses can include basic literacy programs, secondary school equivalency programs, vocational education, and tertiary education. Other activities such as rehabilitation programs, physical education, and arts and crafts programs may also be considered a form of prison education. The focus of the study is on the Basic Literacy System (BLS) programs; their effectiveness will be assessed in terms of writing, reading, and arithmetic. Similarly, the study aimed to determine the problems encountered by persons deprived of liberty (PDLs) as they undergo the BLS Program in their facility. The researchers utilized descriptive-correlational design because it is designed to provide a snapshot of the current state of affairs. The descriptive method is the investigation that describes and interprets data observed or gathered. Correlational research is a type of research designed to discover relationships among variables and allow the prediction of future events from present knowledge. Given that this study focused on the present effectiveness of the educational program in the values of the PDLs and their personality, descriptive design was highly suggested. To determine the PDLs' state before and during imprisonment if there is a change in their personality during incarceration, a correlational design was chosen. The researchers utilized the population census or total enumeration based on the number of PDLs who are enrolled or enlisted in the BLS program. The respondents were described according to different demographic profiles. A total of 50% of the respondents are from the age range of 26–33 years old. A total of 100% of the respondents are male, 60% are married, and 60% are uneducated. Basic Literacy Programs are in place for the Sybil reformation of PDLs in terms of writing, reading, and arithmetic. The respondents also encountered problems such as lack of lecturers, classrooms, speech equipment, instructional and reading materials and workbooks, and math books. The results of the study can be used to improve the facilities to sustain the implementation of an educational program for the reformation of PDLs.

Keywords: basic literacy program, reformation, person deprived of liberty

Bureau of Jail Management and Penology Livelihood Program in Valenzuela City Jail

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Abstract

Livelihood is a tool in the present practical society for humans to survive and have a source of sustainable living as they are a citizen of the ever-changing and challenging world. It serves as a source of income for every individual to continue their lives and get the necessities they need to live. Programs such as the Bureau of Jail Management and Penology (BJMP) Livelihood Program can be successful in transitioning inmates from the prison to the workforce to enable them to grow and develop themselves even as they stay in the prison. Through these programs, inmates may also learn valuable employability skills that may translate to opportunities for employment upon their release to sustain themselves and even their families and have a reformed life that is different from their life before they entered prison. This study will scale the effectiveness of the implementation of the BJMP Valenzuela Livelihood Program to know what are the things to work on and the strengths and weaknesses of the program to reform people and provide persons deprived of liberty (PDLs) with skills and learning that will be useful for them. The researchers utilized the descriptive narrative method in this study. The descriptive narrative method of the research survey will be used to identify and analyze the assessment of the respondents about the level of implementation of the BJMP Livelihood Program in Valenzuela City Jail. The researchers utilized the following instruments to gather the needed data. The researchers first used questionnaires as the instrument of data collection. Second, the researchers conducted an oral interview to gain additional knowledge, especially on the respondents, and emphasize the factors involved. Third, the researchers conducted a focus group discussion, which is another source of important data. Fourth, the researcher used books, magazines, newspapers, Internet sources, and theses to develop the concept and contents of the study. The respondents were described according to different demographic profiles. A total of 80% of the respondents are from the age range of 42–50 years old. A total of 100% of the respondents were male, 100% were married, and 100% are M.A. graduates. The respondents regarded the implementation of the BJMP Livelihood Program in Valenzuela City Jail in terms of the PDLs' welfare impact, PDL supervision, and personnel security as moderately effective. The respondents regarded the problems encountered that affect the implementation of the BJMP Livelihood Program in Valenzuela City as moderately serious. The results of the study can be used by the jail management to develop and come up with other innovative and significant programs and activities to further increase the effectiveness of livelihood programs for regeneration in the PDL's life in returning to the community

Bureau of Jail Management and Penology Health Service in Valenzuela City

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Abstract

REPUBLIC ACT No. 6111 is an act that established the Philippine Medical Care Plan and created the Philippine Medical Care Commission, prescribing its duties, powers, and functions and appropriating funds thereof. Under section 2 of the Declaration of Policy, the Republic of the Philippines should gradually provide total medical service for the people by adopting and implementing a comprehensive and coordinated medical care program based on accepted concepts of healthcare. The researchers wanted to identify the effectiveness of the health service of the Bureau of Jail Management and Penology (BJMP) in Valenzuela City because of the news of the increasing number of diseases of different jails all over the country for the betterment of jail health services for persons deprived of liberty. The researchers utilized a descriptive research method. This method involved data gathering to answer the questions. The researchers utilized questionnaires, unstructured interviews, and focused group discussions as research instruments to gather information. The respondents were described according to different demographic profiles. The majority of the respondents are from the age range of 42–50 years old. A total of 100% are male, 100% are married, and 100% are M.A. graduates. The respondents regarded the effectiveness of BJMP Health Services in Valenzuela City in terms of medical, dental, and physical services as extremely effective and the problems encountered that affect the efficiency of BJMP Health Services in Valenzuela City Jail as less serious. The results of the study can be used in crafting a guide to improve the health services rendered by the bureau for persons deprived of liberty (PDLs) and trace and address the problems encountered by the PDL inside the city jail properly.

Keywords: Health Service, BJMP, City Jail

Nature and Status of Bureau of Jail and Management and Penology Against Contraband at Makati City Jail

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Abstract

Contraband is a major issue behind the walls and can be anything from a "homemade" shank by the inmate or drugs or weapons smuggled into the prison in various ways. The problem is not only different types of contraband in the prison; these problems also include how did it enter the prison, what are several ways to prevent it in the prison, and what are different types of contraband found in prisons. The researchers chose this study to determine the nature and status of Bureau of Jail Management and Penology (BJMP) personnel against contrabands, identify the different items of contraband that exist, and know different measures that can be undertaken to minimize the problem encountered by BJMP personnel against contrabands. The researchers utilized a descriptive method as a research design because this study aimed to describe the nature of the situation as it exists at the time of the study and to explore the causes of a particular phenomenon. The researcher utilized purposive sampling, which is a nonprobability sampling method that occurs when the elements selected for the sample are chosen by the judgment of the researcher. Researchers often believe that they can obtain a representative sample by using sound judgment, which will save time and money. The instruments used in gathering data were a survey questionnaire, interview, and observation. The respondents were described according to different demographic profiles. A total of 40% of the respondents are from the age range of 34–41 years old. A total of 90% of the respondents are male, 80% are married, and 80% are college graduates. Different kinds of contrabands, such as deadly weapons, vices, and gadgets, exist in Makati City Jail. BJMP personnel also encounters common problems against the entry of contrabands in Makati City Jail. The results of the study can be used to develop enhancement programs, training, and continuing updates through seminars on the campaign against contraband inside the jail for improved and more effective techniques and procedures.

Keywords: nature and status, Bureau of Jail Management and Penology, contraband, city jail

Effectiveness of Rehabilitation Program in Valenzuela City Jail

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Abstract

Incarceration continues to be the primary means by which Western society punishes those who have committed criminal acts. Incarceration may deter individuals from future criminal behavior. However, empirical evidence suggests that the characteristics of incarceration, such as loss of freedom as a result of long prison sentences, reduced living and social conditions, or stigma associated with convict status, are insufficient deterrents for many offenders. The researchers' main concern was to develop and beautify the implementation of the programs offered by all jails not only locally but also internationally and change the image of our jails from being one of the most horrible places in the world. The researchers utilized descriptive research for this study, which serves as a guide to identifying the effectiveness of the rehabilitation program offered by the Bureau of Jail Management and Penology in Valenzuela City Jail. The researchers utilized the following instruments to gather needed data on this particular research. The researchers first used the questionnaires as the instrument of data collection. Second, the researchers conducted oral interviews to gain additional knowledge, especially on the respondents, and emphasize the factors involved. Third, the researchers conducted a focus group discussion, which is another source of important data. The respondents were described according to different demographic profiles. A total of 80% of the respondents are from the age range of 42–50 years old. A total of 100% of the respondents were male, 100% are married, and 100% are M.A. graduates. The respondents regarded the effectiveness of rehabilitation programs for persons deprived of liberty (PDLs) in Valenzuela City Jail in terms of the religious program, educational program, and sports and recreational program as effective. The respondents regarded the problems they encountered affect the effectiveness of the rehabilitation program for PDLs in Valenzuela City Jail as less serious. The results of the study can be used in crafting a guide to improve the rehabilitation programs inside the city jail and for the betterment of PDLs.

Keywords: rehabilitation program, persons deprived of liberty, effectiveness

Security of Persons Deprived of Liberty by Bureau of Jail Management and Penology in Valenzuela City Jail

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Abstract

The dreadful congestion of the prison cells may also be attributed to the delays in the resolution of prisoners' pending cases and inaccurate manual monitoring of qualified prisoners due for early release from the jails to the Board of Pardons and Parole. Hence, prisoners are deprived of their early liberty. Inmates' continuous confinement adds a burden to the expenses of the government. The researchers aimed to determine the implementation of the security as implemented. The researchers want to identify how these rules and regulations are implemented by the jail officers and how the visitors and persons deprived of liberty (PDLs) follow these rules and regulations to achieve peace, order, and security. The study utilized a descriptive method of research to show the appraisal of the respondents on the implementation of security of the Bureau of Jail Management and Penology (BJMP). The research involved data correction to test answer questions concerning status. The researcher utilized the following instruments to gather the needed data on this particular research. The researcher first used a questionnaire as the instrument of data collection. Second, the researchers conducted an oral interview to gain more knowledge, especially on the respondents, and emphasize the factors involved. Third, the researchers conducted a focus group discussion, which is another source of important data. Fourth, the researcher used books, magazines, newspapers, Internet sources, and theses to develop the concept and contents of the study. The respondents were described according to different demographic profiles. A total of 80% of the respondents are from the age range of 42–50 years old. A total of 80% of the respondents were male, 100% were married, and 100% are M.A. graduates. The respondents regarded the security of PDLs by the Bureau of Jail Management and Penology (BJMP) in Valenzuela City Jail in terms of staffing level, system, procedure and funds, and logistics as effective. The respondents also regarded the problems encountered that affect the security of the PDLs by BJMP in Valenzuela City Jail were regarded as less serious. The results of the study can be used in crafting a guide to improve the security programs for PDLs and address the needs of the PDL in terms of safety and security.

Keywords: security, persons deprived of liberty, BJMP

Quality Measures Responding Food Budget of Persons Deprived of Liberty in Valenzuela City Jail

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Abstract

Food quality measures are one of the indispensable qualities of a jail. The Philippines is facing poverty for the past few years; hence, our country is suffering different acts of violence that lead to imprisonment. Consequently, the number of prisoners is increasing rapidly. As a result, different jails in the Philippines are suffering from a shortage of yearly budgets for the maintenance of facilities, especially for the basic needs of the persons deprived of liberty (PDLs). The researchers conducted discussed the method and procedures of the research to gather the needed data. The discussion will contain the research design, description of the respondents, sampling techniques, instrument use, construction, validation, administration, and retrieval of these instruments. The statistical treatment of data will be employed in the study. The results of the study showed the following. 1) The quality measures responding to the food budget for the PDLs in Valenzuela City Jail were good according to the respondents, wherein the jail has enough food supply and has proper handling of food in their kitchen. 2) Valenzuela City has proper monitoring of its kitchen supply. 3) The PDLs in Valenzuela City Jail is still healthy and receive proper food. 4) Valenzuela City Jail also receives P75,000 worth of sack of rice per month. 5) Valenzuela City Jail has enough food handlers in their kitchen area. The results yielded by the questionnaires will be tallied and interpreted. To determine the personal profile of the respondents and the solution offer, the frequency and percentage distribution will be applied.

Keywords: BJMP, VCJ, PDLs

DANCE

Proposed CBIS Library System for Novaliches High School

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Abstract

The Computerized Library Information System helps the librarian to easily store, update, or manage the data/information, as well as prevent loss or stolen data, especially when it is needed inside the library. It also includes the circulation of the library, such as the data of borrowed/returned books, a list of books, and reports inside the library. It helps the librarian and students to run the circulation properly or the flow of the system inside the library. The system also facilitates easy and instant access for the client who will visit and borrow books in the library, thereby giving more personal time for the librarian. This system is a lifetime functional system with creative visual features to reflect the effort the researchers need to manage every day. The researchers do not need to give all their effort only to organize the hardest way to make the process inside the library smooth. The data are also absolutely secured because the security has been installed in the system to ease the worries of the librarian. The Computer Based Library Information System is composed of four portals, namely, Add Books, Borrowers, Manage User, and Audit Trail. This system runs when books are displayed. The user should log in first before accessing these portals. However, there are three users, that is, the Admin, Mandatory, and the user. These users have specific portals that they can only access in the system. Add Books is composed of the information about the book that will be placed in the library. The Borrowers portal is where the teachers and students do their transactions with the librarian. The Manage User portal is where the user manages their role inside the library. Lastly, the Audit trail is the one that saves the recent history of the clients with the user to have a record and to know who among the user transacts recently. System development life cycle is one of our bases to be able to proceed to the next phase. Each information is analyzed especially with the relevant idea that is taken from the Internet to help these functions that should be the focus and continue to the next step. Everything the students do is accurately recorded with the help of the system.

Keywords: System Development Life Cycle

DEVELOPMENT STUDIES

Student Information System for Doña Rosario High School

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Abstract

A student information system is used for the educational system to manage the student data. Student information systems provide capabilities for registering a student in courses, documenting grading, and managing student data needs by the school. In this study, the researchers found the solution to the necessary problem that cannot be handled by our clients, such as difficulty in tracking student information; they cannot easily find the record of the student because of many procedures before they find the security of the system. The system can easily use an unauthorized person if they do not have security and storing documents they misplaced, that is, the record of the student can be misplaced if they do not keep it properly. In this study, the researchers tackled how to solve the problem of having a manual process. The researchers obtained considerable information that they need to build a computer-based system that can solve the problem. A design was used by the registrars' office and other admin inside the school premises. In the process of the student information system, the user must log in to access the dashboard of the system. Inside the dashboard of the system, the user will see buttons, each of which has its function such as registration form, grading form, list of student form, and account form. The student can attempt to log in to their student information system; if the user reaches that limit, the system will automatically close. If the username and password are incorrect, then the system will show "access denied;" if it is correct, then the system will activate the dashboard. The main form has buttons, each of which has its function such as the registration button (if you click it, then you will access the registration form). The registration form can accept all inputs and save the record. The list of student forms can display the record of the student, such as LRN, year level, section, and first name and last name of the student who was already saved in the database of the system; it also has a report button for printing report. In the account button, before you access the account form, there is a code that you must fill up; only the admin can manage the account in the system. the dashboard also has a delete button for deleting the record of students and an update button for updating student records. The proposed system aims to upgrade the system for R.O. because the information system focuses on the admin side, which is not the student side. The proposed system was extremely useful, safe, and user-friendly. It can also help the school and its administration.

Keywords: student

Human Resource Information System for Recruitment of Better Children of Saint Clare Montessori Center

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Abstract

A human resource (HR) information system is essentially an intersection of human resources and information technology through HR software. A manual system is a system where data/information is recorded without using a computer system, but it can take longer than expected. In this research, the researcher will indicate the importance of having a HR information system focusing on recruitment and how it will make one's work easily by typing and saving it in the database. The proponents started the project by finding the client that will entertain and will give the information they need for system development. Second, they looked for a company that is suitable for the system project. The proponents asked their research adviser for the requirements needed for the interview. The researchers used the data they gained from the client as a basis for their system development process. Lastly, after analyzing the data they gathered, the researchers started working on their documents. The client gave information about the problems that they faced due to the lack of a computerized system. The researchers built this system for the client to provide a modern and upgraded computerized system for the easy process of their recruitment. The researchers also encountered some problems that our client is currently facing because of this fast modernization; being late to trends is not bad, but being updated especially in technology will serve us a wide range of new knowledge and make our everyday lives easier. In this project, the proponents will surely meet the satisfaction of their clients and assure them that this system will be helpful and usable to the organization of our clients. The use of a login system will give your employees' information high-level security to avoid data mining and the usage of this system by an unauthorized person. You can also track the employees' requirements through the use of our system, which may help the user monitor their employees. The use of a recruitment module in our system will help the user to deploy their pending employees to their desired department inside the school. The result showed how modern technology can help us be updated on what is trending and new. Our project system is designed to be a user-friendly system for the HR staff of the school. This system can satisfy the user.

Keywords: computerized system, modernization, data mining

Student Profiling System for Bagong Silang High School

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Abstract

The research project entitled Student Profiling System was proposed for Bagong Silang High School (BSHS), which is a public high school that is located in Phase 3, Bagong Silang, Caloocan City. The Student Profiling System was created to expand the availability of access to this valuable information and other useful data contained in the system and database. The Student Profiling System is appropriate for use by the registrar for managing students' data, faculties for checking their student's data, and EMIS that tracks their student data. Student Profiling System is a distributed application that will be developed to help the management of BSHS to maintain the details of their students that are currently enrolled in BSHS. It would help the school management to maintain the personal details of students for easy access to the registrar. This system is easy to understand and can be used by anyone, even those who are not familiar with the legacy of the system. In the planning phase, the researchers brainstormed on a brief background about the system and decided to seek the client that will be the beneficiary of the system. In the analysis phase, the researchers analyzed how the client obtains student data. In the design phase, the researchers converted the client's process to a convenient process. In the development phase, the real work of conversion of the process was done. In the testing phase, the researchers debugged the system before deploying it. After debugging, the researchers deployed the system to BSHS, followed by implementation. The researchers conducted a seminar to teach the client how to use the system, sign the contract, and implement the system on their devices. The maintenance phase follows if the client has found anomalies, that is, the client must contact the programmer for maintenance service. Therefore, the system is ready to be sold to BSHS, which is willing to buy the system. The system is convenient to the client. The client is satisfied because the researchers solved the client's problem. The client is now using our system because it is user-friendly and convenient to use. The Student Profiling System can support the new trends of the technology and full pact of new information and features. It is convenient to use. The researchers developed the system to be not only user-friendly but also to be beneficial to the client.

Keywords: students, data, profile, registrar, EMIS, faculties

Effects of Stress on Study Habits of Grade 12 HUMSS Strand Students in Bestlink College of the Philippines

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Abstract

Stress is generally thought of in negative terms, but it can manifest itself positively and negatively. In this study, stress has a stressor that is merely a stimulus that causes stress. Stressors can be a multitude of things that worry people most in their life. The researchers will list and explain few examples that cause stress. In this topic, we aimed to determine the effects of stress on students' study habits. Stress can also cause significant problems. Thus, if an individual will not take action, then the stress response can create or worsen our health problems. The researchers used a descriptive design that elaborates the effects of stress on students' study habits. The researchers administered a survey questionnaire to determine the effects of stress on students' study habits. The statistical treatments used in this study were frequency distribution and weighted mean. The results showed that laziness can affect the stress level of the students and their study habits, with a weighted mean of 4.25. The respondents asserted that headaches can trigger stress, thereby affecting their study habits, with a weighted mean of 4.05. The third student asserted that overthinking can affects the stress level of students, thereby affecting their study habits, with a weighted mean of 4.01. The effects of stress on students' study habits had negative effects on students in developing skills if we utilize the effects of stress on students especially those with a financial problem. To stabilize and avoid being stressed, the student must talk to a professional advisory to reduce stress and focus on their academics.

Keywords: effects, study habits, stress

Benefits of HUMSS Strand to Develop Self-Esteem of Grade 11 Students

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Abstract

Self-esteem is a person's overall self-worth or personal value; it is how people appreciate and love themselves, which is often seen as a personality trait. This also means being stable and enduring; people who have low self-esteem cannot take up the world filled with optimism and determination or have difficulties in interacting with other people to help develop themselves by determining the benefits of choosing the Humanities and Social Sciences (HUMSS) Strand to develop the self-esteem of the students through different activities that HUMSS offers. The researchers used the descriptive method to describe the characteristics of the population or phenomenon that is being studied to provide information with the use of a survey questionnaire provided by the researchers for the respondents to easily express their thoughts and ideas about a certain topic or study. This study was conducted at Bestlink College of the Philippines. The data gathered from the questionnaires served as the primary data, and the information gathered from the literature and studies was the secondary data. The results showed that HUMSS is beneficial in developing ones' self-esteem based on a survey questionnaire in terms of academic performance with 3.96% where the students are encouraged to participate in class. Extracurricular activities had 3.95%, which helped the students to develop their confidence by joining any sport and club at school. Interpersonal skills had 3.66%, where the students can confidently express appropriate emotion to others. Developing student self-esteem will help them to gain more knowledge, improve their research skills, and teach them how to communicate with other people without uncertainty. The study found that academic performance, extracurricular activities, and interpersonal skills were significantly affected to develop the self-esteem of students.

Keywords: self-esteem

Challenges Encountered by Grade 12 HUMSS Strand Students in Practical Research 2 Subject at Bestlink College of the Philippines

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Abstract

Everything that we apply today is brought by research; it is where an individual is doing a careful study to preserve and improve the quality of life. In conducting research, the researcher must be cautious. They must allot sufficient time to complete each stage of the activity. The researchers should add more hours or weeks before the scheduled deadline because some things are more difficult than what the researcher expected. Research is tedious; however, teachers and students cannot escape this work because this is often used as an academic requirement. The researchers used the descriptive method of research. This design is the most appropriate because this study describes the challenges encountered by Grade 12 Humanities and Social Sciences Strand students in Practical Research 2 subject. The researchers found out that students face problems in terms of financial support in making research and collecting all the data coming from the questionnaire. Several students recommended that one must choose the topic that they think they will enjoy making research on. The researchers realized that many difficulties are present regarding the construction of a research study, and the problems are inevitable. However, there are also ways to overcome it. One must know their goal and the reasons why they will study the topic. The majority of the answers of the students showed that they are struggling in conducting research. Some students also answered that that research becomes easy when they can choose a topic that they are describes as interested in.

Keywords: challenges, Practical Research 2, subject

Effects of Time Management on Academic Performance of Selected Grade 12 General Academic Strand Students in Bestlink College of the Philippines

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Abstract

Time management is the process of planning and consuming your time in a particular activity every day. Time management may be aided by a range of skills, tools, and techniques that are used to manage time when accomplishing specific tasks, projects, and goals complying with a due date. The researchers focused on the effect of time management on the academic performance of selected Grade 12 General Academic Strand students in Bestlink College of the Philippines. The results revealed the effects of time management in terms of attendance, project deadline, and priorities of students. This study aimed to help students enhance their time management skills and consume their time wisely. Quantitative research was the systematic empirical investigation of observable phenomena via statistical, mathematical, or computational techniques. The descriptive method was used to describe the characteristics of the population or phenomenon being studied. Meanwhile, the quantitative descriptive method was used as the research design for this study. The researchers also utilized a purposive sampling method to gather the data from the respondents who assessed the effects of time management on their academic performance in terms of attendance, project deadline, and priorities. The instrument used in this study was a survey questionnaire. The researchers surveyed to gather data from the two groups of respondents. The result of this study showed a weighted mean of 3.84 for male respondents and 3.93 for female respondents, both of which strongly agreed that time management affects the attendance of selected Grade 12 students, Male and female respondents strongly agreed that time management affects in terms of the project deadline, with 3.67 for male respondents and 3.76 for female respondents. In terms of priorities, male and female respondents strongly agreed that time management has an effect in terms of this variable, with male respondents obtaining 3.70 and female respondents obtaining 3.51. The total weighted mean for male respondents was 3.73, and female respondents obtained the weighted mean of 3.73, which were verbally interpreted as strongly agree. Based on the findings of the study and conclusions, the following guidelines were drawn in terms of attendance: always be on time, prepare early as you can, set time an alarm clock to avoid being late, and stop doing outdoor activities. In terms of the project deadline, the researchers recommended that students should pass all their projects and paper works before the deadline to avoid cramming, make a checklist for every day to achieve and finish all tasks, and finish their projects during their free time. In terms of priorities, the researchers recommended that students should set aside unimportant things, list their important tasks to avoid cramming, and categorize their duties to manage their time well.

Keywords: time management, academic performance

ECOLOGY & ENVIRONMENTAL SCIENCES

Alternative Insecticide from Bilimbi Extract

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Abstract

Insecticides are agents of chemical or biological origin that control insects. Control may result from killing the insect or preventing it from engaging in behavior deemed destructive. Insecticides may be natural or manmade and applied to target pests in a myriad of formulations and delivery systems. In recent years, the science of biotechnology has even incorporated bacterial gene coding for insecticidal proteins into various crop plants that deal death to unsuspecting pests that feed on them. Insecticides are substances used to kill insects. They include ovicides and larvicides that are used against insect eggs and larvae, respectively. Insecticides are used in agriculture, medicine, industry, as well as by consumers. Insecticides are a major factor behind the increase in the 20th century's agricultural productivity. Nearly all insecticides can significantly alter ecosystems, many of which are toxic to humans and or animals. Some become concentrated as they spread along the food chain. The first step was to gather Bilimbi fruit, wash the fruit, and use the mortar and pestle to mash the fruit and get the extract. Then, we used the strainer to separate the extract from the fruit and then use the measuring cup to measure each solution (i.e., 75 ml). Then, we prepared the insects, sprayed 75 ml of the solution to the insects, and then observed them. The results of the product that weed conduct met our expectations in terms of effectiveness. The insects that we used in this experiment died easily but at different intervals with different measurements of the product. An effective and low-cost product can decrease the number of insects in our home. Many people are getting tired of what they have to use to kill insects in their houses. Bilimbi extract can kill many insects, such as earthworms, ants, fireflies, and termites mainly due to the abundance of the acids available in the Bilimbi extract. Bilimbi extract has a high level of oxalic acid that can kill insects.

Keywords: insecticide, bilimbi fruit, pest

Classroom Environment: Its Impact on the Academic Performance of Selected Grade 12 GAS
Students of Bestlink College of the Philippines

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Abstract

The goal of this study is to know the impact of the classroom environment on the Academic Performance of selected Grade 12 GAS Students of Bestlink College of the Philippines. The purpose of this study was to know their background or experience with a positive classroom environment. A classroom environment should be conducive to the learning process. This study used quantitative descriptive research as the research design, which will elaborate on the recommendations to be taken for the classroom environment and academic performance. The study also utilized a purposive sampling to choose 50 General Academic Strand students to assess the classroom environment and its impact on the academic performance of the students. The classroom environment has an impact on academic performance with a weighted mean of 3.16 from male respondents and 2.86 from female respondents, both of which had a verbal interpretation of agree. In terms of cleanliness, data obtained a weighted mean of 4.02 from male respondents and 3.28 from female respondents, both of which were interpreted as agree. With a weighted mean of 3.4 from male respondents and 4.5 from female respondents, both agreed that the noise inside and outside the classroom affects the academic performance of the students. With a weighted mean of 3.4 from male respondents and 4 from female respondents, both agreed that ventilation has an impact on the academic performance of Grade 12 students. Based on the findings of the study and the conclusion drawn, the following recommendations were forwarded: prevent loud noises and improve the facilities of the school by providing additional fans and light to make the classroom environment more conducive to learning.

Keywords: environment, classroom, impact

ECONOMICS

Level of Acceptability of Banana Yema

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Abstract

The high content of potassium in bananas makes it a super fruit. This mineral is known for its numerous health benefits; it regulates heartbeat and blood pressure and keeps the brain alert. Therefore, make sure to add bananas to your daily diet to keep your heart and brain healthy and stabilize blood pressure. Desserts also rely heavily on sugar or other ingredients that we know are not good for us. Hence, the good feeling we get from eating desserts quickly turns into guilt. Yema is a sweet concoction made with milk and egg yolk. Back in the Middle Ages, the citizens of Avila, Spain enjoyed a pastry called Yemas de Egg Yolks of St. Teresa, which was named after the town's patron saint. The nuns at the Santa Teresa de Avila convent used to take in people's laundry and used egg whites to wash starch clothing before the advent of detergent and fabric spray. The researchers surveyed 60 participants including 10 HE teachers and 50 students. This work is a product study that can serve as a direction in achieving a goal, which is to sell this product and help customers become more aware of this new yema trend that substitutes milk and sugar products to gather information for future references. Generally, the assessment of students had a weighted mean of 3.50 in terms of taste, 3.50 in terms of aroma, 3.00 in terms of nutrition value, and 3.50 in terms of presentation, and its total composite weighted mean was 4.00, with the verbal interpretation of strongly agree. Generally, the assessment of the teachers had a composited mean of 3.8 in terms of taste, 4.0 in terms of aroma, 3.75 in terms of nutritional value, and 3.50 in presentation, and it had a total composite weighted mean of 4.45, with the verbal interpretation of strongly agree. The researchers recommended the production of banana yema.

Keywords: banana, yema

Academic Performance of Selected Grade 12 Humanities and Social Sciences Students of Bestlink College of the Philippines as Influenced by Socioeconomic Factor

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Abstract

Socioeconomic status (SES) is a term used by sociologists, economists, and other social scientists to describe the class standing of an individual or group. It is measured by factors including income, occupation, and education, and it can have either a positive or negative impact on a person's life. Research indicates that students from low SES households and communities develop academic skills slower than those from high SES households that can easily provide the needs of students such as books, Internet, reading materials, etc. Socioeconomic factors highly affect one's education in different terms, such as income level of parents. The researchers used a descriptive method of research. The researchers used a survey questionnaire to gather information from selected Grade 12 Humanities and Social Sciences (HUMSS) Strand students. The data gathered from the questionnaire served as the primary data, while those from the literature and previous studies were secondary. The results of the study revealed that the 90 respondents with the MWF schedule agreed that socioeconomic factors influence the academic performance of Grade 12 HUMSS students. However, most of them experience this situation not all the time. This phenomenon was shown by the following average composite weighted mean of 3.39 for projects/activities, 2.82 for attendance, and 2.52 for health issues. The researchers found out that the students of Bestlink College of the Philippines (BCP) encounter this problem rarely in their lives. The researchers found out that socioeconomic factors affect the academic performance of students in BCP rarely. Education is the best legacy a nation can give to its citizen, especially the youth because the development of any nation or community depends largely on the quality of education of its people. The researcher suggested that students should learn to spend their money well to avoid this problem and find ways to have financial control.

Keywords: academic performance, socioeconomic status

Level of Acceptability of Ampalaya Pandesal

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Abstract

The researchers know that ampalaya pandesal is not that popular or trending here in our country. Ampalaya is relatively under-related because it is used only in common house dishes such as pinakbet and munggo. However, did you hear about Ampalaya pandesal? Usually, we can see cheese-flavored or malunggay-flavored pandesal or simple and regular pandesal. When you hear about ampalaya pandesal, one thing that pops up in your mind is the bitter taste of ampalaya. The bitterness of ampalaya is the main reason why most children hate ampalaya. The researcher used quantitative research and survey questionnaires to determine the level of acceptability of ampalaya pandesal. A total of 60 respondents were selected from the HE department, 50 of which are students and the remaining 10 are HE teachers. The researchers found out that the teachers and students agreed regarding the aroma of the product. The two groups of respondents strongly agreed regarding the nutritional value, presentation, and the overall factors of ampalaya pandesal. Ampalaya pandesal is good to eat during breakfast. Most Filipinos are likely to eat their breakfast. Ampalaya pandesal contains several nutrients and vitamins that our body needs. Some people also recommend that adding cheese to the bread as toppings, which may add additional taste and nutrients to the consumers.

Keywords: flour, butter, milk

Level of Acceptability of Carrot Pandesal

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Abstract

Filipino love to eat and discover new kinds of food. Filipinos believe that eating is the best way to release their stress and other problems. Among the most famous foods for Filipinos are street foods. Therefore, the researchers came up with the idea of establishing a business that is high in demand and can be easily accepted in the market. Carrot pandesal is a business that produces quality food that is healthy and affordable. It is also highly in demand because of its unique and delicious taste. The researchers used a survey questionnaire to know the levels of satisfaction and acceptability among the respondents. The researchers distributed the questionnaires to random respondents, and the answers will be tallied by the proponents. According to the results of the survey conducted by the researchers, 3.9% of the respondents very strongly agreed to carrot pandesal and 3.8% of the respondents strongly agreed. In terms of pricing, 4.5% of the respondents chose Php 2. A total of 3.9% of the respondents prefer the appearance of carrot pandesal. In terms of the satisfaction of the respondents regarding carrot pandesal, 3.9% of the respondents very strongly agreed. Meanwhile, in terms of pricing, 4.5% of the respondents chose Php 2 as their standard retail price. Considering that the trends in society are changing, and the rates of related health problems are increasing, this procedure can be used at a commercial level. Therefore, the researchers chose a healthy product.

Keywords: tallied, appearance

Viability of Taro Flour as Ingredients of Polvoron at Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

Researchers focused on determining the level of viability of taro polvoron. Polvoron is rich in cholesterol because it contains a considerable amount of sugar. Hence, the researchers came up with an idea to make a healthy version of polvoron, that is, taro-flavored polvoron, to enhance its health benefits because taro can improve digestion, lower blood sugar levels, prevent certain types of cancers, protect the skin, boost vision, increase circulation, decrease blood pressure, aid the immune system, and prevent heart disease, as well as support muscles and nerves. The researchers used the experimental method since the study focuses on the assessment of the respondents on the characteristics of taro polvoron in terms of appearance, taste, tex- ture, and nutritional value. After conducting the study, the RESULTS show that taro polvoron is acceptable. Based on the data that researchers had gathered from the conducted surveys, they found that their product is accepted by the teachers and students in Bestlink College of the Philippines. The research study focuses on the level of viability of taro in Bestlink College of the Philippines.

Keywords: viability, taro, flour

Assessment on Level of Acceptability of Ampalaya Pasta

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Abstract

Pasta is a type of food that is typically made from an unleavened dough of durum wheat flour (semolina). Semolina is a type of flour that is made from ground durum wheat and rich in protein, fiber, and B vitamins. Semolina may also support weight loss, heart health, and digestion. Pasta is the perfect foundation for a healthy, nutritious, and satisfying meal. Experimental design research was used in this study. The respondents were selected using a simple random sampling technique. The researchers utilized survey questionnaires to gather data from the respondents. In terms of taste, the respondents answered that it was acceptable, with a weighted mean of 3.16. In terms of aroma, the respondents answered that it was acceptable, with a weighted mean of 3.47. In terms of nutritional value, the respondents answered that it was acceptable, with a weighted mean of 4.56. In terms of competitiveness, the respondents answered that it was acceptable, with a weighted mean of 4.59. In terms of presentation, the respondents answered that it was acceptable, with a weighted mean of 4.51. The respondents answered that the level of acceptability of ampalaya pasta was highly acceptable. It does not have an aftertaste of bitterness and has an enticing aroma. The researchers recommended further refine the product for competitiveness and presentation. Further study on its variability is also recommended.

Keywords: ampalaya, pasta

Assessment of Marketability Level of Choco Mango Suman in Bestlink College of the Philippines

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Abstract

The Philippines is not only known for its beautiful scenery and the friendliness of its people; it is also known for its delicious food. Among these foods are "kakanin," which are native delicacies that are served as desserts. No Filipino celebrations are complete without these desserts. People who are classified as "senior citizens" know how to make kakanin as they already became part of Philippine traditions. Suman is a common delicacy in the Philippines. Suman has many variations in terms of taste, look, and shape; some suman is small, while some are large. Thus, our group made a variety of suman and called it "choco mango suman." We thought that choco mango suman is appealing due to its uniqueness and will be delicious to eat for many people. As Home Economics (HE) students, we can do our best to make this product. This study focused on the assessment of Grade 12 HE Strand students and teachers. Using the experimental research design, we assessed the marketability of choco mango suman. Five variables, such as taste, aroma, nutritional value, presentation, and competitiveness, were identified and assessed. The data were gathered by distributing questionnaires to randomly selected respondents from the experts and students in the Home Economic Strand in BCP, in which each sample has an equal probability of being chosen to have unbiased results. The results of the study revealed the marketability of choco mango suman in terms of several variables. In terms of taste, the chocolate tasted slightly sour due to mango. In terms of aroma, the product had a distinctive scent that can boost one's appetite. Presentation is important because it deals with whether the product will catch the eye of the consumer at first look. In terms of nutritional value, chocolate and mango are a good combination because mango has vitamins. Competitiveness is the ability of the product to deliver a better value of satisfaction to customers compared with the competitors. The results demonstrated that the marketability of choco mango suman will depend on the variables mentioned above. The product mainly gives a different perspective from the commonly known way of using the main ingredients. Choco mango suman turns into a healthy dessert. The product needs to continuously seek for improvement to maintain its good quality and become fully developed to compete with other existing products and have a high percentage of marketability.

Keywords: desserts, marketability

EDUCATION

Effects of Teaching Strategies of Humanities and Social Sciences

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Abstract

This research was conducted by the researchers to improve the teaching skills and strategies of Humanities and Social Sciences (HUMSS) Strand teachers and promote further advancement to the student's academic performance in helping students who are always behind the class. Enhancing the teaching strategies of the teachers can make a huge impact on the student's academic performance, which can only result from either improvements or the other way around. Using the sampling technique, the researchers surveyed some HUMSS Strand teachers and students. The researchers used quantitative methods and descriptive designs to analyze and interpret the data. The instrument used was a questionnaire. A total of 100 HUMSS Strand students, which were systematically chosen through random sampling technique, were provided with survey questionnaires. According to this research, 60 students agreed that the teaching technique of teachers, such as demonstration and use of technology, can make students understand the topic. A total of 54% of our respondents agreed with the effectiveness of the demonstration technique. The result now provided evidence to explore more teacher strategies to enhance the activeness of students, especially the students who are victims of societal problems. This leads to a good result, even if the improvement is negligible. Our results have two parts, that is, report and comment; the reporting function always appears in the results section, while the comment discussion can appear in the reporting section. The results of this research showed that the classroom environment is the leading environment to enhance your skill knowledge, especially your attitude and your manners. The student gets bored because of the teaching styles of the teachers. This study focused on how motivated and fun the classroom environment is. If the teachers are good and awesome, then the way he/she teaches motivates the students to learn. The student will succeed and change the stimulated classroom from the boorishness of students to feel protected, contented, and enjoy getting effective teaching strategies.

Keywords: strategies

Causes and Effects of Malnutrition on Academic Performance of Grade 1 Students at San Bartolome Elementary School

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Abstract

Growing children have their different favorite foods, such as candies, chocolates, hotdogs, ice cream, street foods, chips, fries, soft drinks, junk food, and fast foods. They do not have an idea if it is healthy or not yet. Their parents always want them to eat nutritious foods, but they refuse them. At present, parents often give their children fast food because it is easy to buy; hence, they do not need to think about the next meal. Fast food is also easy to find anywhere. If food preparations are less stressful, then fast food consumption would decrease. There is nothing wrong if a family occasionally goes to a fast-food restaurant as opposed to a family that makes it a regular part of their routine. A child who eats fast food and not junk food frequently are not getting the proper nutrients they need to develop optimally. Junk foods and fast foods lack iron and have excessive amounts of unhealthy fats and added sugar and salt. As a result of not having nutritious food inn their diet, malnutrition will be developed in children. This chapter presents the process that will be used in collecting the data necessary in answering the main and specific problems stated in chapter 1. This includes research designs, respondents of the study, sampling techniques, instrument used in the study, validation of the research instrument, construction of the instrument, and the statistical treatment of data used. The results showed that the highest cause of malnutrition compared with the number of meals a day is a low amount of food, with a weighted mean of 0.8 (80% of 10 respondents). In terms of the effects on physical activities, tiredness is the common effect encountered by the students. During recitation, no self-confidence and inferiority got the highest ranking, followed by poor communication. Based on the summary of the findings, malnutrition affects the academic performance of Grade 1 students in terms of physical (i.e., stunted growth, eye problem, and body weight) and emotional aspects (i.e., loss of appetite, always being mad, sensitive, and moody. In terms of academics, the effects of malnutrition are not being motivated to study, absenteeism, and lack of focus, followed by behavior effects, inattentive, refusal, and getting angry.

Keywords: CEMAP-G1

Difficulties Encountered in Using English Language in Research Subject of Grade 12 Humanities and Social Sciences Students in Bestlink College of the Philippines: An Assessment

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Abstract

The English language is considered the international language that is widely used worldwide. Using the English language is one of the signs of being a competitive person, institution, or even country. It is also a sign of formality because using the English language is required in a business meeting, interview, etc. Using the English language is also required in research subject especially when conducting a defense because it is a formal activity wherein you are going to elaborate on what is your research all about in written and oral forms. As a student, we also encounter difficulties when using the English language. Hence, we conducted this research to assess the difficulties encountered by the students and provide some recommendations to enhance and develop English language skills. The researchers used qualitative and descriptive methods to determine and answered the questions, meaning, and perspective that could help the researchers in finding reliable sources of information in the current study. The researchers found out that the difficulties encountered by the students are divided into three indicators. The first indicator is output; students encounter difficulties when constructing a sentence in terms of writing an essay and a narrative report and making a research output. The second indicator is communication skills; students encountered difficulties when using the English language because their vocabulary is not enough to create a proper and formal conversation with other people. The third indicator is self-confidence; students are ashamed when using the English language because other people may laugh at them or either criticize them because of wrong grammar, which can decrease the self-confidence of the students.

Keywords: English Language

Epekto ng Online Gaming sa Akademikong Pagganap ng mga Mag-aaral sa Ika-12 Baitang ng Bestlink College of the Philippines T.P. 2019–2020

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Abstract

Ang pag-aaral na ito ay naglalayong alamin ang epekto ng online gaming sa akademikong pagganap ng mga mag-aaral sa ika-12 baitang ng Bestlink College of the Philippine, Taong Panuruang 2019–2020 upang mabigyan ang mga mag-aaral ng sapat na kaalaman at gabay kung paano maibabalanse ang pag-aaral at paglalaro ng online games. Ang adhikain ng pag-aaral na ito ay mapahalagahan ang akademikong paggaanap ng mga mag-aaral at mapaunlad pa ito. Ang mga mananaliksik ay nakipag-ugnayan sa pamunuan ng STEM Strand upang makapagsagawa ng kinakailangang sarbey sa mag mag-aaral sa ika-12 baitang sa Bestlink College of the Philippines. Ang mga ginamit na paraan sa pananaliksik na ito upang makakalap ng mga impormasyon na hinahanap ay talatanungan at pakikipanayam na lalong nakatulong sa isinigawang pananaliksik. Quantitative analysis ang ginamit upang bigyang ranggo ang mga kasagutan. Ang naging kinalabasan ng pananaliksik na ito ay makatutulong sa mga mag-aaral, mga guro, mga magulang, administrator, at sa mga susunod mananaliksik at mambabasa upang mabigyan sila ng kaalaman at impormasyon tungkol sa epekto ng paglalaro ng online games sa akademikong pagganap ng mga mag-aaral. Ang karaniwang dahilan ng pagkahilig sa online gaming ay pag-aaaya ng mga kaibigan/kamag-aral. Ang suliranin sa hindi wastong paggamit ng online games ay nakararamdam ng pagkabagot sa klase. Nakaaapekto ang online gaming sa antas ng kakayahan ng mga mag-aaral na naging dahilan sa pagiging aktibo sa mga aktibidad sa klase. Sa pagbuo ng isang gabay, kinakailangang matutunan kung paano mababalanse ang oras sa paglalaro ng online games at pag-aaral. Ang pagkakaroon ng maayos at masistemang paghahati ng oras ng mga mag-aaral ay kinakailangan upang magampanan ang kanilang responsibilidad sa pag-aaral. Kinakailangang maging bukas ang isipan ng bawatisa tungkol sa isyung ito lalo na ang mga magulang at mga guro na siyang gagabay sa mga mag-aaral tungo sa katuparan ng kanilang mga pangarap.

Keywords: online gaming, epekto, mag-aaral, akademikong pagganap, gabay

Effects of Peer Pressure on Academic Performance of HUMSS Grade 12 Students of Bestlink College of the Philippines

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Abstract

Peer pressure is the influence from a member of one's peer group even if you do not realize it by spending time with yourself. You learn from your peers, and they also learn from you. Therefore, this study was proposed to determine the effects of peer pressure on the academic performance of Grade 12 Humanities and Social Sciences Strand students. A qualitative method was used as the research design for the study. We utilized purposive sampling to gather the information of respondents from different sections. This study used a Likert scale questionnaire to gather the information needed in the study. The results showed that the students were undecided whether peer pressure affects their academic performance and class participation. Peer pressure affects the student's examination scores, that is, they have a low score. Meanwhile, the effect of peer pressure on the attendance of the students is tardiness. The results showed that students are undecided whether peer pressure affects their academic performance and participation in class. Hence, the researchers recommended that the students should have self-discipline and the school administration should give guides to students.

Effectiveness of Collaborative Learning in Enhancing Academic Performance in Creative Nonfiction Literary Essay Subject of Grade 12 HUMSS Students at Bestlink College of the Philippines

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Abstract

Collaborative learning is an educational approach that involves a joint intellectual effort by students or students and teachers together. It consists of exercises and activities through which students develop their knowledge by interacting with each other, which enables individual students to combine their expertise, experience, and ability to accomplish a mutual learning goal. The researchers used qualitative and descriptive research methods as the research design. The instrument used to gather the data were survey questionnaires and related literature. The results of the study showed that engaging in collaborative learning is highly effective because it does not only help the students to grow as a group but also individually. The findings showed that the most common activity used in collaborative learning are group reporting, role-playing, travel essay, and think-pair-share. Utilizing the collaborative learning technique is highly effective in enhancing the academic performance of the Grade 12 Humanities and Social Sciences Strand students, and one of its benefits is the development of cooperation and easily understandable lessons.

Keywords: collaborative learning, effectiveness

Effects of Time Management on Academic Performance in Practical Research 2 Subject of Selected Grade 12 Students of HUMSS at the Bestlink College of the Philippines

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Abstract

Time management is the process of planning and exercising conscious control of time spent on activities to increase effectiveness, efficiency, and productivity. Time management is a skill that every student should possess to achieve their goals. It is also important in the subject of Practical Research 2 because the process of conducting research requires a long time. Time is an infinite source, but we have to use it properly. To achieve effective time management, discipline, focus, and determination are a must. It can benefit students, especially if they were forced to do the tasks simultaneously. The researchers used qualitative and descriptive methods to determine and answer the questions and give perspectives that can help the researchers in finding reliable sources of information. The researchers used the sampling technique to choose respondents from each section. The researchers found out that time management has many benefits but if it was neglected, there will be consequences that will make the students suffer. Effective time management helps the students finish their tasks before the given deadline, passing the exam, becoming ready, and will develop their communication skills. However, the consequences that the students will encounter without proper time management are cramming, poor communication skills, and low confidence. Some respondents recommended that students must prioritize important tasks instead of unnecessary matters to avoid such consequences. Most of the respondents agreed that time management will help the students to pass the exam, become ready for the tasks, and finish the tasks before the given deadline.

Keywords: time management, academic performance

Difficulties Encountered by Grade 12 Humanities and Social Sciences Students in their Academic Performance at Bestlink College of the Philippines

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Abstract

Difficulties in the academic performance of the students are part of their studies and will strengthen their minds and ability to solve problems. It also measures how much of a critical thinker these students are. The researchers used qualitative and descriptive research methods as the research design. The instrument used to gather the data were survey questionnaires and related literature. The results of the study showed that the most common difficulty is time management, which tests how students manage their time to accomplish their tasks.

Keywords: academic performance

Reward as Motivational Approach and its Impact on Academic Performance of Grade 12 HUMSS Strand students at Bestlink College of the Philippines

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Mary Grace Rodrigora
Allysa Joyce Fulgueras
Rogelio Pabalan
Andrea Almanshor
Midel Mirasol
Bestlink College of the Philippines

Abstract

The pursuit of attaining white-collar jobs, such as engineers, lawyers, and programmers, may serve as a motivation in pursuing college degrees and becoming a well-raised person. Supposedly, students should strive to learn without expecting anything but to gain knowledge. However, this ideology is impractical in the 21st century. Personal satisfaction, meeting parent's expectations, and even materialistic desires are becoming the students' main motivational factors in achieving excellent academic performance. At present, the reward is the main reason why students strive for excellence. This study aimed to determine the impact of reward as a motivational approach on the academic performance of Grade 12 Humanities and Social Sciences Strand students in Bestlink College of the Philippines (S.Y. 2019–2020). This study utilized a qualitative method and descriptive design to make open questions that will make the content of this study easy to understand. The researchers used the purposive sampling technique to determine the number of respondents who answered the survey questionnaire administered by the researchers. The results of the study showed that the variables class participation (3.91), activities (4.05), and attendance (4.02) had the same verbal interpretation of "agree," which showed that rewards affect the students' class participation in every discussion, the cycle of every activity, and their daily attendances. In the second question, the variables self-confidence (4.13), student-student relationship (3.89), and student-teacher relationship (4.17) had the same verbal interpretation of "agree," which showed that the rewards have a positive outcome on the academic behavior of the students, such as self-confidence, student-student relationship, and student-teacher relationship. In the third question, the variables self-confidence (3.93), student-student relationship (3.96), and student-teacher relationship (3.65) had the same verbal interpretation of "agree," which showed that the reward system had a negative outcome on the academic behavior of the students in terms of self-confidence, student-student relationship, and student-teacher relationship. The results showed that the reward system has a considerable impact on the academic performance of the students and has a negative and positive outcome on their academic behavior. Rewards may motivate students, but they can also make them uncontrollable and dependent. The researchers recommended that the students must prefer hard work and gratitude in every task that they are doing in every classroom to not depend on their eagerness on what they are doing.

Keywords: reward, academic performance, HUMSS

Effects of Online Gaming on Academic Performance of GAS Students at
Bestlink College of the Philippines

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Abstract

The online game refers to games that are played over some form of computer network, typically on the Internet, in which you can connect with multiple players. Nowadays, online gaming is not only for the entertainment of the students but also for learning. According to some research, it helps teens to exercise their mind and cause them to explore the Internet. It enables the mind of the players to be more active, especially with puzzle-based games. It also helps the player to come up with decisions in tight situations, especially with adventure games that require the players to be alert, active, and strategic. However, despite these benefits, playing online games becomes a necessity in their lives because it requires much of the player's time, thereby leaving school activities and homework unattended. Academic performance declines when minimal attention is given to study. Thus, online gaming affects the academic performances of students positively and negatively. The researchers utilized a descriptive method design in collecting information. By implementing an in-depth research design such as this, a researcher can provide insights into the "why" and "how" of the research. The researchers chose 40 online gamers who are from General Academic Strand and conducted their research at Bestlink College of the Philippines. The researchers also used the purposive sampling technique. The instrument used in this research was a questionnaire that is anchored on the problem in Chapter 1. The researchers also used percentage and frequency distribution, weighted mean, ranking, and Likert's five-point rating scale for the tabulated data. The results of the study showed that playing online games leads students away from stress, enhances teamwork, and makes them listen actively to class activities. In terms of their academic performance, students can relate to the lesson based on the online games they played. However, when students play games excessively, it may lead to addiction. This study proved that online gaming is beneficial for students, but they must know how to manage their time wisely. The support coming from their parents is also needed, especially in disciplining their children.

Keywords: online game, academic performance, gamer

Benefits of Whole Day Class Schedule in Grade 12 Humanities and Social Sciences Students at Bestlink College of the Philippines

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Abstract

The whole day class schedule has gained general recognition for being effective in enhancing students learning. It may also have longer school hours and additional resources provided by the education to enhance the quality of education of every student. In a whole day class schedule, the students can enjoy more diverse learning experiences. Normally, students spend an average of 12 hours a day in school. In addition, these may include programs or activities for promoting knowledge to students. The students enjoy more flexibility in timetable setting. This study aimed to determine the benefits of a whole day class schedule in Grade 12 Humanities and Social Sciences Strand students at Bestlink College of the Philippines. The researchers used qualitative methods and descriptive research design. Survey questionnaires were administered and retrieved to gather information needed to discuss the topic. The researchers also utilized the convenience sampling technique in choosing 89 respondents. The statistical tool used were percentage, frequency distribution, and weighted mean. The results of the study showed that the whole day class schedule affects the learnings of the students, particularly in this aspect. Students gain more knowledge, with an average of 3.65. The whole day class schedule enhances students' creativity in making a project. Attendance, with an average of 3.86, becomes beneficial to the students to improve their academic skills and develop their social skills. The whole day class schedule develops the students' skills. The researchers suggested that the school must have teachers that are not only teaching academics but also entertaining students. The whole day class is a part of our education because it allows students to spend longer time in school and gives the possibility to gain more knowledge from that day.

Keywords: time management, academic performance, attendance

Impact Of Bullying on Academic Performance of Grade 4 Students at San Bartolome Elementary School

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Abstract

Bullying is intentional behavior that hurts, harm, or humiliates a student either physically or emotionally and can happen while at school, in the community, or online. Bullying is an unwanted behavior among school-aged children. This behavior is repeated or has the potential to be repeated over time. It can include verbal harassment, physical assault, and may be directed repeatedly toward particular victims, perhaps on religion, gender, sexuality, or ability in the imbalance of social or physical power. Bullying consists of three basic types of abuse, that is, social, verbal, and physical. The most reported bullying happens in the school building, over the Internet, or in the community they belong to. This chapter presented the research method, procedures, techniques, and data-gathering instruments that were used in the investigation to complete the study, including research design, respondents, sampling, validation, administration and retrieval, and statistical treatment of data. The researchers came up with the following conclusions based on the findings of this study. There is a varied description of the respondents in terms of age, gender, and religion. The causes of bullying affect the academic performance of the students. Some effects of bullying affected the academic performance of the students. Problems were also encountered by the victims of bullying in school. There are solutions to bullying to resolve and minimize the cases of bullying. Based on summary findings, bullying affects the academic performance of Grade 4 students. Based on the table, social interaction often affects the students' socialization and lessens their interest in studying because they are being bullied. The performance of students in school often affects their physical posture because they are being bullied. The student who is a victim of bullying is often in fear and hopeless, as well as change their behavior because of the bullying they encountered. Students with busy parents may fight less against bullying toward them. The respondent moderately agreed that poor communication is one of their problems. Most of the respondents moderately agreed that the school administration does not talk about bullying. Parents may strongly agree to have time to talk to their children to lessen the incidents of bullying. Having counseling sessions and seminars may reduce the incidents of bullying among students.

Keywords: TIBAPGIVPSBES

Effects of Social Media on Academic Performance and Behavior of GAS students: Toward a Guide

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Abstract

Social media is the most popular platform for social networking of today's generation. As social media sites, such as Facebook, Twitter, YouTube, online gaming, etc., continue to grow, it becomes a part of every person's daily life, especially college students. The dependency of students on social media has reached such a level that every student cannot think about the direction of their growth without social media. Hence, the dependency of every student on social media is now leading to addiction. This research aimed to determine the effects of social media on the academic performance and behavior of Grade 11 GAS students at Bestlink College of the Philippines. Social media has negative effects on every student. Many students find it difficult to go about their normal lives without using social media. However, despite the possible negative effects of using social media, we cannot deny its contribution to our daily lives. Social media has become essential in today's generation because we are dealing with the 22nd Century learning process. This study utilized normative descriptive method design in collecting the necessary data in answering the main and specific problems stated in Chapter 1. As a result, social media positively affects students' academic performance by allowing them to easily communicate with others. However, the negative effect is that students lose focus. The positive effect on their behavior is that students increase their knowledge, while the negative effect is addiction, which can lead to insomnia. The problem encountered by the respondents in using social media is the lack of concentration in their daily activities. Based on the summary of findings, in terms of academic performance, the positive effect of social media is the ease of communication with each other, while the negative effect is losing focus.

Keywords: ESMAPB-G4

Motivation of Students: Its Implication to Academic Performance of Grade 11 HUMSS Strand Students at Bestlink College of the Philippines

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Abstract

This study focused on determining the motivation of the student in our generation. Student's motivation affects every aspect of school life from attendance to academic performance. In this study, we can also determine some strategies on how they will imply the motivation in their academic performance with the use of intrinsic and extrinsic motivation. Intrinsic motivation is referring to the behavior that is driven by an internal reward, while extrinsic motivation refers to the behavior that is driven by an external reward. Thus, motivation is a driving force that helps students to enter a setting where they value achievements. The researchers used the descriptive method to describe the motivation of the student and its implication to their academic performance. The purposive sampling technique was used in the study to select 100 Humanities and Social Sciences Strand students. The researchers utilized a survey questionnaire to gather the needed data for the study. To calculate the results, we also used percentage and weighted mean as a statistical tool. The respondents agreed that motivation affects their academic performance in terms of reward, with a total weighted mean of 4.18. In terms of punishments, the researchers agreed that motivation affects their academic performance if they will get punished by demerits in their grade, with a total weighted mean of 3.92. In terms of recognition, the respondents agreed that they will feel motivated if they will have a rank every semester. The results of this study showed that the students have different types of motivation, that is, intrinsic and extrinsic. In intrinsic motivation, students do their tasks because they want to learn without exchange. Meanwhile, in extrinsic motivation, students do their tasks because they are influenced by outside forces such as getting a high score or being on top of the class. The research may suggest that the teachers may use interesting activities to get their students' interest and boost their self-confidence.

Keywords: motivation, implication, academic performance

Effects of Parenting on Academic Performance of Grade 6 Students at Deparo Elementary School

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Abstract

It is the parents' nature to love and care for their children. Each has their ways of parenting to provide and attend to their children's needs, support their talents and potentials, guide them into learning and exploring skills, and know when to encourage and discourage their behavior. As children begin their education at home, parents take the responsibility as their first teacher and mentor. This study utilized the three common parenting styles, that is, authoritarian, authoritative, and permissive parenting, that affect the students' academic performance in terms of their cognitive, emotional, and social aspects. A descriptive method was used in this study, and 45 Grade 6 students were selected as the respondents of the study through purposive sampling. The gathered data were constructed through a checklist and pretesting of two Grade 5 students who are not part of the respondents for validation. The questionnaires were administered personally to briefly explain their contents, and the researchers waited for the respondents to fill it up to ensure 100% retrieval. The raw data were carefully reviewed, tallied, and analyzed using different statistical tools, such as frequency and percentage distribution, weighted mean, and ranking. The results showed that authoritative parenting had the highest weighted mean of 4.1, while authoritarian and permissive parenting had the weighted means of 3.8 and 3.1, respectively. The authoritative parenting style is the common style used by the respondents, which affects their lives and behavior, as well as their learning abilities and capacities as learners. Actively participates, behaves well, and is motivated are the first three ranks on the effects of good parenting. The effects of parenting on the academic performance of the respondents in terms of the emotional aspects had the highest weighted mean of 3.8, while cognitive and social aspects had the weighted means of 3.6 and 3.5, respectively. Parents have the most significant role in their children's support system, especially when they were growing up and as they shape their future. The researchers recommended that parents should work hand in hand regarding the education and character building of their children. In school, teachers as the second parents of the child should be more sensitive to the behavior of their learners and discuss it with the parents every end of the quarter or as soon as a behavior is upsetting or worrisome. Parents and teachers should build a partnership in shaping and molding the character and behavior of every child.

Keywords: academic performance, effects, parenting

Perception of Students toward Gender Marginalization at Bestlink College of the Philippines-Bulacan: Toward A Guide

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Abstract

In the Philippines, the lesbian, gay, bisexual, transgender, and queer (LGBTQ) community continues to be oppressed through various forms of cruelty by society at large primarily because of misconception and ignorance. This study analyzed the perception of the students toward gender marginalization, including bullying, harassment, and discrimination. Based on a review of related literature on perception toward gender marginalization, unstructured interviews were conducted with 20 respondents, and the researchers surveyed potential students. The analysis of the responses showed a positive perception of the features of LGBTQ students and showed a possible solution to address the bullying, harassment, and discrimination that these students experience. The results indicated that experiencing bullying, harassment, and discrimination affects gender marginalization, which can be prevented and minimized by conducting guidelines to follow and support the implementation of the possible solution.

Effects of Extracurricular Activities on Academic Performance of Grade 12 Humanities and
Social Sciences Strand Students at Bestlink College of the Philippines

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Abstract

Most of the students think that participating in extracurricular activities may be a hindrance to their academic performance because of having no time to attend classes due to practicing and preparing for their extracurricular activities. This research paper aims to give broader and more refined results by collecting and analyzing data from the students and the people who gave up and currently pursuing their professional life. The researchers used a research design, involved participants, and used material. Afterward, they gathered information and processed the data. This study utilized the descriptive survey method. This paper described the profile of the participants and looked into the significant differences and relationships in the factors affecting the academic performance of the students in the Bestlink College of the Philippines. The majority of the respondents can choose what they want and now have the interest to participate in any extracurricular activity. The results demonstrated that this research was effective in helping the students know the effect of extracurricular on their academic performance.

Keywords: extracurricular activities, academic performance

Factors that Affect Academic Performance of Grade 5 Students at Caloocan North Elementary School S.Y. 2019–2020

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Abstract

At present, many factors affect the academic performance of students. Poor academic performance in national examinations has been attributed to many factors that are mainly family-based, such as those who are facing economic crises in their family, which does not allow them to meet their responsibilities of ensuring a healthy and literate family. An effort needs to be made by students, teachers, school principals, and the government to realize desirable quality standards in secondary education. This research identified the community factors that affect learners' achievement through the use of case studies. It is also suggesting that the notion of "doing something for the children." Technology plays the role of facilitator in educating a student. Students are no longer solely dependent on teachers, parents, or other educated people to be their only source of information. Meanwhile, there are two sides to every story. This research is important to students, teachers, schools, and parents because it has considerable information and idea that can teach everyone to know what the causes of high and low performance of the pupils. This chapter presents the procedures and methods applied by the research in gathering the significant data to complete the study; these include research design, sampling techniques, an instrument used in the study, construction of the instrument, validation, administration and retrieval, and statistical treatment of the data. The results of this study showed that the respondents use games excessively. Constrictive competition can be done to practice and review numeracy skills and use meaningful, relevant incentives to encourage students' engagement to improve their level of performance of students. The purpose of this research was to determine the factors that affect the academic performance of the students. With the help of a survey and values formation program, we can produce excellent pupils. Given that the field of academic achievement is extremely wide-range and covers a broad variety of educational outcomes, the definition of academic achievement depends on the indicators used to measure it.

Keywords: academic performance, CNES

Effects of Grade Valued More Than Learning on Academic Performance of Selected Grade 11 Students in Humanities and Social Sciences Strand at Bestlink College of the Philippines

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Abstract

This study talks about the positive and negative mental, social, and emotional effects of valuing grades more than learning on the academic performance of students in terms of written works, performance tasks, and quarterly assessments. This study was conducted due to the problems that the new generation is facing nowadays, that is, the existing dilemma of students whether to value grades more than learning. Some students do not base their self-worth on academic achievement, not even in the form of grades and to remind themselves that the journey is more important than the destination. This is not to say that grades are not important, but learning through studying can result in good grades that the students deserve. The method used here was a quantitative comparative-descriptive type of research. The techniques used are availability and systematic sampling. The respondents of the study were 96 Grade 11 students (48 males and 48 females) from different sections in the Humanities and Social Sciences Strand at Bestlink College of the Philippines. Male respondents agreed on mental effects and strongly agreed on social and emotional effects of valuing grades more than learning, thereby indicating further that these factors greatly influence their academic performance. Female respondents strongly agreed on mental, social, and emotional effects, as well as other influences of valuing grades more than learning toward their academic performance. Male and female respondents strongly agreed on the given recommendations to solve the issue. The results of this study showed that despite negative effects on male and female respondents, they still strongly agreed on the positive effects on them. The effects on female respondents are balanced because they both strongly agreed on the positive and negative effects of the grade being valued more than learning on their academic performance. Meanwhile, the effects on male respondents are imbalanced because they strongly agreed on positive effects and only agreed on the negative effects. Male and female respondents strongly agreed that the mental, social, and emotional effects of the grade being valued more than learning are factors that affect their academic performance. Lastly, the recommendations given in this study are deemed significant to have positive effects on academic performance. Thus, students are advised to follow suit.

Keywords: grade valued more, learning, academic performance, mental, social, emotional, written works, performance tasks, quarterly assessments

Socio-Economic Status: Effects on Academic Performance of Selected Grade 12 HUMSS Strand Students at Bestlink College of the Philippines

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Abstract

Socio-economic status (SES) is a term used by sociologists, economists, and other social scientists to describe the class standing of an individual or group. It is measured by several factors, including income, occupation, and education, and it can have either a positive or negative impact on a person's life. We focused on the lower class because of the three social classes; the lower class has larger needs than other classes. The effects of SES have a problem, which has faced the academic performance of the students. This study focused on the effects of the socio-economic background of students on their academic performance. Hence, the effects of socio-economic background on student performance were strictly analyzed by the result of the study, which indicated that socio-economic background affects the academic performance of the learner. The researchers used qualitative and descriptive methods to determine and answer the questions and perspectives that can help researchers in finding reliable sources and information in the current study conducted. In choosing the respondents from each section, the researchers used the sampling technique. The researchers found out they are not necessarily suffering from financial needs; for them, socio-economic status is not a hindrance to their academic performance. Some students recommend that they are many solutions if they have a problem with their allowance and payments to school, they can work while studying, or they can make sidelines to their school like selling some foods at every room at school.1. Most of the answers of the students are neutral. Their academic performances are not affected by the socioeconomic status because another student recommends that socioeconomic status is not a hindrance for you to stop your education. 2. Attendance, school activities, and school requirements are the common problems encountered by Grade 12 Humanities and Social Sciences Strand students. 3. Have work and manage a small business in school are usually the recommended solution. 4. Socio-economic status has a huge role for the students. It can be a hindrance to their academic performance, but you can make a solution for that problem.

Keywords: socio-economic status

Causes and Effects of Stress on Grade 12 Students in Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

Students face different challenges in terms of their academic, family situation, friends, etc. People that encounter stress experience rapid body changes, such as feelings of emotional unrest, which leads to body aches. Many students face stress as they try to mix up busy lives, school, and work while they also try to find time with family and friends. However, dealing with different challenges demands performing well in academics. Students may feel stressed because of their inability to address such concerns. Students all respond to a stressor in different ways, and not all students will find the same situation to being stressed. However, several common situations tend to stress anyone out. In the educational field, the common sources of stress that may lead to fear and anxiety among students are high expectations of parents, teachers, or even friends; academic pressure; competition among classmates; physical setup, limited opportunities; and ambitions. The descriptive method was applied to select 30 Grade 12 students as respondents (17 males and 13 females) within the age range of 16–23 years old. Survey and unstructured interviews were conducted to determine the causes and effects of stress on the academic performance of the respondents. The results showed more male students are experiencing stress, with 56.67%, while female students had 43.33%. The main sources of stress are a diversity of wants, rivalry from siblings, sleeping difficulty, and other students' expectations. "Always worsens their grades because of stress" and "strict schedules/deadlines" are the most common problems encountered in stress management and had the weighted means of 4.6 and 3.7, respectively. The respondents' solutions to stress are keeping a positive attitude, eating healthy and balanced meals, and making time for hobbies and interests. The findings revealed that the academic stress experienced by Grade 12 students has a considerable impact on their mental and physical health, thereby leading to a range of academic problems. A limitation of the current study is not being able to delineate between studies that have assessed the impact of academic-related stress during different phases of secondary and tertiary education. The needs and the most beneficial coping strategies may vary throughout one's lifespan.

Keywords: causes and effects of stress

Motivating Factors that Affect Study Habits of Selected Grade 12 Humanities and Social Sciences Strand Students at Bestlink College of the Philippines: An Assessment

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Abstract

Motivation is the most important part of academic success. It involves internal and external factors that give desire and energy in people to be continually interested and committed to a job, role, or subject or to make an effort to attain a goal. This is important in almost every aspect of human behavior. When you make a decision, your choice is influenced by your motivation. Motivation is an internal process that makes a person move toward a goal, which makes it useful for students. Motivation, similar to intelligence, cannot be directly observed. Motivation can only be deduced by noting a person's behavior. As students, being motivated is useful to become active in class and have a positive mind in the community and also in school. The researchers used a survey questionnaire to gather information from selected Grade 12 Humanities and Social Sciences (HUMSS) Strand students. This research questionnaire will help to gather ideas or information easily. Personal observation and results were gathered from this survey questionnaire. The location of this study was inside Bestlink College of the Philippines. The data gathered from the questionnaire served as the primary data, and those gathered from the literature and studies are the secondary data. This study aimed to determine the impact of motivating factors that affect the study habits of Grade 12 HUMSS Strand students from their perspective. Motivation is important to the students to make them excited about studying. Motivation also creates a positive impact on the students. The results of this study showed that motivation significantly affects the academic performance of every student. The results of this research showed that motivation affects the academic performance of students having more excitement in the study and by giving them motivational strategies. The research suggested that teachers, parents, and school administration must guide their students and children to achieve their goals.

Keywords: affects, motivation, academic performance

Impact of Broken Family on Academic Performance of Grade 6 Students at San Bartolome Elementary School

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Abstract

A broken family is defined as a family that is split or separated due to a variety of reasons. A broken family can cause children to question their self-worth, thereby leading to experiencing unnecessary grief, guilt, and confusion. Life in a broken home is having a single parent, and the said family can be stressful for both the child and the parent. A family could be broken due to several reasons, but the most common are financial matters, a behavior of parents, religion, infidelity, and parental influence or a friend's influence. These causes can affect the student's academic performance, such as getting low grades, cutting classes, suffering from depression, getting misguided, and deciding to be independent. A descriptive method was used in this study, and purposive sampling was used to choose 20 Grade 6 students as respondents. The gathered data were constructed through a checklist that was pretested to two Grade 5 students who were not part of the respondents for validation. The questionnaires were administered personally to briefly explain their contents and patiently wait for the respondents to fill it up and ensure 100% retrieval of the said instrument. The raw data were reviewed, tallied, and analyzed using different statistical tools, such as frequency and percentage distribution, weighted mean, and ranking. The result showed that the highest weighted mean of 4.05 was obtained for having unfaithful parents, having irresponsible parents obtained the weighted mean of 4, and jealousy achieved the weighted mean of 3.75. These causes can affect the academic performance of students. The academic performance of students gets affected because they cannot focus on their studies. The highest impact was depression with the weighted mean of 4.65, cutting classes obtained the weighted mean of 4.15, and having low grades obtained the weighted mean of 4.1. These are the top five recommendations as ranked by the respondents: 1. parents should give love, guidance, and support; 2. teachers should be loving and understanding; 3. students should have a quiet place to study; 4. students should lessen their time spent watching tv and playing computer games; and 5. students, parents, and teachers should collaborate. The results showed that parents should make sure that although they are separated from their children, they can still give the attention their children need from their parents. In school, teachers must understand the behavior of the affected students and give them support. Students can make their situation a source of inspiration to persevere and achieve their goals in life.

Keywords: academic performance, impact, broken family

Effects of Grammar Difficulties on Communication Skills of Grade 12 Humanities and Social Sciences Strand Students: Basis for Proposed Intervention

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Abstract

This study aimed to determine the effects of grammar difficulties on the communication skills of Grade 12 Humanities and Social Sciences Strand students. Grammar is the whole system and structure of languages in general that usually consists of syntax and morphology, including infections, phonology, and semantics. Grammar is a particular analysis of the system and structure of languages or a specific language. Grammar is the main opponent of any language in the world. Without grammar, you cannot understand. Grammar is abstract in the mind and it becomes concrete in the use. Teaching grammar is serious and has many challenges; this study will discuss some difficulties. One of the problems generally faced by most of the students is being poor standard. A survey is defined as the research method used for collecting data from a predefined group of respondents to gain information and insights into various topics of interest. We used surveys because surveys are useful in describing the characteristics of a large population. No other research method can provide this broad capability, which ensures a more accurate sample to gather targeted results to draw conclusions and make important decisions. As researchers, we concluded to give an action to these happenings. Although the research has reached its goals, there were some unavoidable limitations. First, because of the time limit, this research was conducted only on small sample size. Therefore, to generalize the results for larger groups, they should be involved in different sections. Second, the student's overloaded work in some subjects may affect the result of the correlation between the student's motivation in learning grammar. The researchers found out that the student knows about grammar, and they are trying their best to construct a sentence with correct grammar. Based on the data from the survey, the majority of respondents answered strongly agree, thereby proving that the students are good at sentence construction.

Keywords: vocabulary, reading comprehension, sentence construction

Improving Students' Participation by Using Cooperative Learning Among Selected Male and Female Grade 12 Humanities and Social Sciences Students on Practical Research 2 Subject: An Assessment

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Abstract

Cooperative learning, which is also known as small group learning, is a teaching strategy that is used to improve the students' understanding. It changes each and everyone's role inside the classroom. Students have the opportunities to actively participate in their learning and challenge each other, share, and discuss each other's ideas. This study involved selected male and female Grade 12 Humanities and Social Sciences students of Bestlink College of the Philippines on how to improve the students' participation by using cooperative learning. To conduct this study, the researchers used the descriptive method mixed with the quantitative research. The instrument used was a survey questionnaire. The sampling technique used for this study was stratified sampling to administer the survey questionnaires to the respondents. The researchers used frequency and percentage, weighted mean, and z-test as statistical tools in this study. The data gathered from 90 student respondents were evaluated by the researchers. Based on the survey, group activities often affect the students' participation by using cooperative learning, with a composite average of 4.36 for male respondents and 4.00 for female respondents. In terms of recitation, it affects the students' participation by using cooperative learning, with the composite average of 3.67 on male respondents and 3.64 for female respondents and verbal interpretation for both of "often." The results also showed that the students' participation by using cooperative learning had the composite average of 3.39 for male respondents and 3.24 for female respondents, with the verbal interpretation of "sometimes." Therefore, the difference between the two groups of respondents is not significant. In this study, the researchers recommended students should always cooperate with everyone around and should not be a "free rider" who is pulling the group down.

Keywords: cooperative learning

Perceptions of Teachers at Caloocan North Elementary School Regarding Use of Mother Tongue as Medium of Instruction: An Analysis

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Abstract

The Mother Tongue-Based Multilingual Education policy is complex from different perspectives. The policy poses challenges to instructional materials development, teachers' training, and language instruction. Instructional materials are only available in few languages. Each classroom has the representation of several linguistic backgrounds. Classroom teachers are split on whether or not mother-tongue instruction is right for them and their students. This chapter represents the process that is used in collecting the data necessary in answering the main and specific problems stated in chapter 1. It includes the research design, respondents of the study, sampling, techniques, instrument used in the study, validation of the research instrument, construction of the instrument, and the statistical treatment of data used. The data gathered included information about the respondent's gender, age, highest educational attainment, civil status, length of services, and position. The researchers will conduct this study to know the perceptions of teachers in using the mother tongue as a medium of instruction because many teachers today have many perceptions regarding this matter, such as how they can teach easily that will also be easy for their students to understand the lesson, how they can motivate their students to appreciate and be interested in the subject, and the benefits and hindrances of using mother tongue to teach students.

Keywords: medium of instruction, CNES

Advantages of Work Immersion to Personality Development of Selected Grade 12 Students at Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

Work immersion is one of the course requirements for graduation. A senior high school student has to undergo work immersion to prepare them to meet the needs and challenges of employment or higher education after graduation. To give students an avenue to improve themselves by experiencing the real world, work immersion must be first-hand to help students acquire knowledge and experience that can help them grow as individuals. The quantitative–descriptive method was used in this study. A total of 50 General Academic Strand students were involved in this study as respondents to assess the advantages of work immersion to their personality development. The results of this study showed that 4.09% and 4.03% of the respondents strongly agreed that social skills can develop their personality in Work Immersion subject, while 4.25% of Work Immersion subject teachers strongly agreed that social skills can develop their personality. A total of 4.06% of the respondents strongly agreed that confidence can develop their personality in the Work Immersion subject, while 4.5% of the Work Immersion subject teachers very strongly agreed that confidence can develop their personality. The results showed that personality development makes a certain change in one's external and internal mechanisms, including certain behavior patterns, to reinforce good personality traits and remove or reduce negative personality traits. The researchers recommended that individuals should set their goals and objectives, remove shyness that can make their self-esteem low, and communicate and form good relationships with their coworkers and superiors. An individual's personal development should be maximized in the workplace. Fortunately, there are many ways to improve for the team and the business, such as addressing knowledge gaps, ensuring health and wellbeing, enhancing existing skills, altering one's work-life balance, and even roaming something completely new to adopt a growth mindset.

Keywords: work immersion, personality development

Assessment on Factors that Affect Learning of Grade 12 HUMSS Strand Students on their Research Subject at Bestlink College of the Philippines

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Abstract

Research is the heart of progress. Undeniably, the quality of life we experience right now is an outcome of every research endeavor. As a student, it is a rewarding experience to contribute to the development of our nation and the world through intellect and determination. Research makes one a thinking individual who is ready to take on a higher, wider, and deeper perspective. To overcome this struggle and become a productive citizen of our country, it is necessary to consider some factors that affect the learning of a student; failing to learn these things may affect the academic excellence of a student and the development of the country as a whole. This research used a qualitative method to determine the factors that affect the learning of students in their Research subject. The researchers also administered a survey questionnaire to gather information from selected Grade 12 Humanities and Social Sciences Strand students at Bestlink College of the Philippines; the researchers used purposive sampling to determine the number of respondents. Based on the results of the study, teacher's teaching strategies mostly affect the student's learning in the Research subject, with a composite average of 4.32. Availability of books is the 2nd aspect that affects the learning of the students, with the composite of 17. Lastly, study habit is the last factor that affects their learning, with a composite average of 4.1 and interpreted as "agree." The results of this study showed that students and teachers must perform their tasks for learning. Teachers must think of an effective teaching strategy to help students learn. Meanwhile, students must maintain their study habits and improve their knowledge by studying.

Keywords: assessment, learning

Causes and Effects of Absenteeism on Academic Performance of Grade 12 Students: Toward an Intervention Program

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Abstract

School is the place where knowledge can be imparted to the learners mostly if the students, their guardians, and the society unite for one goal, that is, to produce an efficient and effective individual. A school is a place where students and teachers collaborate their ideas and knowledge to improve their skills. As future educators who already conducted an in-campus observation, the researchers saw that many students are absent from their classes, thereby affecting their academic performance. These students who are absent from classes got low scores on the test because of their absences. The researchers saw that absenteeism is one of the major problems at Bestlink College of the Philippines-Bulacan. Hence, the researchers opted to study the causes and effects of absenteeism on the academic performance of Grade 12 students. A descriptive method was used to complete the study. The instruments used here have different functions. Questionnaires served as the data gathering instrument of the research. The unstructured interview helped the researchers in supplementing and verifying data that were not covered in the questionnaire. The most important was focused group discussion because it allowed participants to tell their insights and opinions in terms of their beliefs and experiences. Based on the data gathered, students have different causes of absenteeism. One of the major reasons is the teacher's competencies and their dwelling. The results showed that the student may have incomplete requirements, or the students cannot follow what is being discussed by their teachers. Hence, the researchers thought that crafting an intervention program can minimize the student's absences.

Keywords: absenteeism, intervention, performance

Impact of Social Media on Academic Performance of Grade 6 Students

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Abstract

Social media is a web-based service that gives an individual the opportunity to create either a public or semipublic profile within a bounded system. In the past year, social media is partly increasing in our daily life, especially in terms of communication, entertainment, and learning for students. Meanwhile, most students use social media for academic performance. It offers innumerable opportunities for learning and collaboration. Most people indicated that social media has brought down and destroyed physical human interaction at an alarming rate and has changed how we view human relationships in this modern time. According to research, people's level of effect increases, their level of contentment can decrease, and their likelihood of getting in trouble increases. Even the schools have rules not allowing students to use gadgets; hence, parents should not allow their kids to bring any gadget in school. The researchers utilized the descriptive method design for the investigation in collecting information about the impact of social media on the academic performance of Grade 6 students at Caloocan North Elementary School. The researchers purposive sampling to choose 40 students in Grade 6 section 1 at Caloocan North Elementary School as respondents. Given that social media is being used by learners, the respondents were 11–12 years old. The majority of the respondents are female who used their mobile phones to used social media and tend to cheat on their exam because they prefer to use social media than to review for an exam. The commonly used social media platforms among the respondents were Facebook and YouTube; they spent countless hours on these platforms, which turns into an addiction. This study proved that the use of social media does not only have positive impacts on the academic performance of the students; it also has a negative impact that may affect the mental health of students and affect their academic performance

Keywords: social media, academic performance, health

Social Media: Its Effects on Communicative Competence of Grade 12 HUMSS Strand Students
at Bestlink College of the Philippines

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Abstract

Social media helps people to connect with the world, especially students who were born in an era where gadgets are prominent. The students used these platforms most likely because it is "up-to-date" with the world's issues. Despite the positive effects of social media on the current era, it also has its hostile consequences, such as depleting the students' competencies in manners of grammatical, socio-linguistic, discourse, and strategic. The debilitation of the communicative competence of the forthcoming generations is at high risk due to excessive and irresponsible use of social media. The study used a descriptive research design through a random sampling technique to determine the effects of social media on the communicative competence of Grade 12 Humanities and Social Sciences Strand students. Data were gathered through questionnaires, unstructured interviews, and informal observation. There were equal numbers of male and female respondents, mostly aged 18, with the scholastic rating in English ranging from 80 to 84. Most of the respondents used social media excessively for 2–6 h a day. Their communication skills are being debilitated because using social media lessens face-to-face interactions when chatting and sharing posts. It also affects the way individuals react to emotions, social clues, or nonverbal cues on account that they can easily relate and adapt to the trends in social media. The respondents' self-esteem and self-confidence also get affected when someone talks to them in a degrading way. The results of this study showed that the importance of the word "media." The researchers recommended that students should have media literacy in any kind of media modernization, empower themselves to ignite others in confronting social issues and trends wisely, develop higher-order thinking skills (analyze and weigh every information encountered), innovate educational platforms, use academic language and apply professional etiquette, and accept social media to establish beneficial connections and unfold multiple learning opportunities.

Keywords: communicative competence, depleting, media literacy, higher-order thinking skills

Benefits of Learning Research Subject as Assessed by Grade 12 General Academic Strand
Student at Bestlink College of the Philippines

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Abstract

Research is a creative systematic activity that is undertaken to increase the stock knowledge of man, culture, and the use of this knowledge to make new applications. Research is an area of knowledge that is studied in school; it is a careful study that is done to find a report or new knowledge about something. This study aimed to know more about the different benefits of the Learning Research subject in terms of knowledge, writing skills, reading, and oral communication. Descriptive research was used as the research design for the study. The researchers utilized purposive sampling to gather respondents who assessed the benefits of the Learning Research subject in terms of knowledge, writing skills, reading skills, and oral communication. The results of this study showed that male and female respondents strongly agreed that acquiring knowledge is one of the benefits of the Learning Research subject, with the weighted means of 3.84 and 4.06, respectively. In terms of knowledge and writing skills, male and female respondents strongly agreed, with the weighted means of 3.71 and 4.06, respectively. In terms of reading skills, male and female respondents strongly agreed, with the weighted means of 3.06 and 4.01, respectively. In terms of oral communication, male and female respondents strongly agreed, with the weighted means of 3.79 and 4.07, respectively. Male and female respondents strongly agreed that the cited variables above are the benefits of the Learning Research subject, with the overall weighted means of 3.79 and 4.07, respectively. To enhance the learning capabilities of the students further, they should read many books, especially problem solving, which may enhance their critical thinking skills. In terms of writing skills, the students should write or take down notes especially in research because it will enhance their grammar and communication skills and enrich their vocabulary. In terms of reading skills, the students should practice reading many books whether in English or Filipino to exercise their brain and improve their language. In terms of oral communication, students should practice their communication skills or perform in front of the mirror, which can enhance their confidence.

Keywords: learning research, benefits of research

Challenges Encountered by Selected Grade 12 General Academic Strand Students in their Research Subject in Bestlink College of the Philippines

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Abstract

One of the problems in Bestlink College of the Philippines is the challenges encountered by the students in their Research subject. Research is an activity of getting information about a subject. Research is a part of the curriculum that needs to be fulfilled as a component for the completion of a degree. There are unexpected difficulties and problems encountered in doing research, such as lack of time, limited background knowledge, financial support, mental stress, and insufficient research ideas. We conducted this study because we want future researchers to be aware of the challenges that they will encounter in their Research subject. This study used a quantitative descriptive research design that will elaborate on the recommendations to be taken by the challenges encountered by the students in their research subject. Purposive sampling was utilized to select 50 General Academic Strand students. The challenges encountered by the students in their research subject in terms of the financial aspect had a weighted mean of 3.25 for male respondents, with a verbal interpretation of agree, and 4 for female respondents, with the verbal interpretation of strongly agree. In terms of group members, the weighted means for male and female respondents were 4.27 and 3.75, respectively, with a verbal interpretation of strongly agree. In terms of the time of submission of the manuscript, the weighted means of male and female respondents were 4.12 and 3.8, with the verbal interpretation of strongly agree. In terms of teachers' teaching strategies, male and female respondents had the weighted means of 4.05 and 4.07, respectively, with a verbal interpretation of both strongly agree. In terms of the challenges encountered by the students in their Research subject in terms of financial, group members, time of submission of the manuscript, and teachers' teaching strategies, the overall weighted means were 3.92 for male respondents and 3.90 for female respondents, with an interpretation of both strongly agree. The findings of this study and the conclusion drawn, the following recommendations were forwarded. We suggested that they should think about what is more important, pick members that can help develop the topic, and select a member who regularly goes to school and is responsible. They should also choose a member that is good enough to do the assigned work. One of the problems of every student is time; hence, so we recommended that when the teachers assign a task, the students should do it as early as possible to avoid procrastination.

Keywords: challenges, encounter, research

Parental Involvement: Its Effect on Academic Performance of Selected Grade 12 General Academic Strand Students at Bestlink College of the Philippines

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Abstract

"Parental involvement" is getting an imperative status in the field of education. It includes different forms of participation in education and with the schools. Parents can support their children's schooling by attending school functions and responding to school obligations. Parents can become more involved in helping their children to improve their school works by providing encouragement, arranging appropriate study time and space, modeling desired behavior (i.e., reading), monitoring homework, and actively tutoring their children at home or outside. Home parents can serve as educators for the school. The research showed that the more intensively parents are involved in their children's learning, the more beneficial are the achievement effects. The research method used in the study was a quantitative descriptive method to investigate the relationship between parental involvement and academic performance of selected Grade 12 General Academic Strand students of Bestlink College of the Philippines. Descriptive is a relationship between two variables that attempt to collect quantifiable information to be used for statistical analysis of the population sampling. The purpose of using correlations in research is to figure out which variables are connected. This study identified specific parental influences that contribute to academic performance among 50 General Academic Strand senior high school students. In terms of parental involvement, financial support has an average weighted means of 3.99 and 3.85 for male and female respondents, respectively, which were both interpreted as strongly agree. Decision-making had the average weighted means of 3.89 and 3.90 for male and female respondents, respectively, both of which strongly agreed that decision-making is one of the effects of parental involvement. Monitoring students' performance had the average weighted means of 3.87 and 3.90 for male and female respondents, respectively, both of which strongly agreed that monitoring student performance is one of the effects of parental involvement. The overall weighted means of male and female respondents were 3.91 and 3.88, respectively, both of which strongly agreed that financial support, decision making, and monitoring students' performance affect the academic performance of the selected Grade 12 General Academic Strand students. Parents should know the school projects and activity costs of their children; they should also be aware of the cost of the school events. Parents should give their children allowance that can provide their needs for their computer rentals, projects, and assignments; they should also let their children make their decision to help their children. In terms of academic studying, parents should advise their children. To motivate their children, parents should be involved in their children's learning process and monitor their grades.

Keywords: parental involvement, academic performance, effectiveness

Academic Performance of Selected Grade 12 Humanities and Social Sciences Strand Students:
As Influenced by Classroom Environment at Bestlink College of the Philippines

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Abstract

The environment can significantly affect the action of every human. The environment can also give people a lesson on value things around them. Specifically, the environment of the teacher is important. The classroom's physical environment affects the morale of the students and their learning. Including students in creating a positive physical environment can increase the feeling of classroom community and can give a student a sense of empowerment. The student can also feel calm in a good classroom environment. This study used the descriptive method. This study also used quantitative research that used a survey or questionnaire to gather information needed for this study. The best qualifiers are respondents who often get affected by academic performance. The study revealed that the group of 90 students for M/W/F scheduler answered that the physical aspect affects their academic performance. The average composite weighted mean for cleanliness was 3.56. The researchers concluded that the environment is important to the academic performance of Grade 12 Humanities and Social Sciences Strand students, especially in terms of cleanliness, having rusty chairs, and proper segregation; some students have solved and handled this kind of problem. Students prefer a clean classroom. Hence, the students must be reminded before having quizzes or examinations to prevent mental blocks. Students should have a comfortable arrangement inside the classroom to maintain their academic performance.

Keywords: academic performance, classroom environment

Technology: Its Effects on Academic Performance of Selected Beed Graduating Students at Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

Technology is extremely useful because it helps us connect with other people and allows us to learn and discover new things. Technology makes peoples' lives easier and improves their way of life, especially students. Although technology is finally being integrated into education, its use for teaching and learning remains a challenge. Although many schools today are privileged to have ready access to technology, trained teachers, and a favorable policy environment, the use of technology in the classr2oom is still low. Many educators have difficulty in integrating technology into education because many educators have yet to explore the relationship between technology and pedagogy. Doing so can play a huge part in encouraging critical thinking by teachers as they attempt to integrate technology into education. A descriptive method of research was used here. Important data and ideas were gathered by researchers through observation, questionnaires, and unstructured interviews from 20 BEED graduating students at Bestlink College of the Philippines. Questionnaires and unstructured interviews were used to gather data. The results of this study showed that the majority of respondents used technology such as computers, cellphone, and PowerPoint. The respondents also indicated that using technology makes them excited ad makes their activities colorful, thereby resulting in better output. However, problems, gaming, cost of maintaining the technology, and lack of resources, were also encountered by the students in using technology. Suggestions were also cited in the research to address the problems of using technology in teaching. Students should have more insight into the integration of technology and its importance in the teaching and learning process by attending seminars, training, and summer classes. Students should become more innovative in terms of using devices. School administrators should also provide technical resources to be used by the students in teaching and learning.

Keywords: technology, learning, teaching

Assessment on Cooperative Learning in Practical Research 2 of Grade 12 General Academic Strand Students of Bestlink College of the Philippines: Basis for Crafting a Proposed Guide

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Abstract

Cooperative learning is the learning process in which individuals learn in a small group with the help of one another. Cooperation will build interdependence. The most important part of cooperative learning is communication with others, which refers to our ability to express ourselves, who we are, or what we want to say. This study discussed the concept and salient features of cooperative learning. The researchers conducted this study to assess cooperative learning in Practical Research 2 subject. The researchers used quantitative research to emphasize objective measurement and descriptive research to describe the characteristics of the population or phenomenon that is being studied. We utilized purposive sampling to gather input and feedback from 50 selected Grade 12 General Academic Strand students. Based on the table, male and female respondents had the weighted means of 4.15 and 4.34, respectively, both of which strongly agreed that cooperative learning can be assessed through activities. Male and female respondents had the weighted means of 4.37 and 4.33, respectively, both of which strongly agreed that research output can be assessed for cooperative learning. Male and female respondents had the overall weighted means of 4.26 and 4.33, respectively, both of which strongly agreed that activities and research output are ways to assess cooperative learning. Based on the findings of the study and conclusion drown, the following guidelines were forwarded. To choose your member wisely, you must provide materials such as bond paper, printer, financial support; teach the process skills that you want to perform; design your member; give your member their roles; define the learning objectives for the activity; make sure that everyone in your group understands your topic; use different styles to learn how to use video, audio, and picture that help students learn more knowledge. Make sure that each member is willing to learn. Lastly, make your lesson quick but efficient.

Keywords: cooperation, cooperative learning, communication, assessment

Effectiveness of Reading Comprehension in Academic Achievement of Selected General Academic Strand Grade 12 Students

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Abstract

Reading comprehension is the ability to fully understand what you read in many forms of a text. This is influenced by the readers' skills and how they process information. Reading comprehension is important to everyone; reading comprehension focuses on comprehending and understanding instead of merely reading a text. Students cannot nowadays understand what they are reading and tend to be clueless about what they read. The researchers conducted this study to know the effectiveness of reading comprehension of Grade 1 students. Quantitative-descriptive research was used. The researchers also used purposive sampling to gather the selected 50 Grade 12 General Academic Strand students. With an overall weighted mean of 3.90 for male respondents and 3.99 for female respondents, both strongly agreed that vocabulary, increasing the level of understanding, and the development of critical thinking is effective in reading comprehension in the academic achievement of the students. Based on the findings of the study and the conclusion drawn, the following recommendations were forwarded. Teachers should introduce the seven cognitive strategies of effective readers and encourage students to become active participants and proficient readers by incorporating instructional activities and strategies. A teacher should also stress the importance of self-questioning to be aware; believe in the importance of self-questioning strategy to enhance reading comprehension achievement; continually practice generating high-order questions before, during, and after the reading process; activate the students' skills in regulating, monitoring, and evaluating their cognitive in comprehending the reading text more critically. Applying reading strategies in a group discussion during reading class was also recommended to make students get used to applying the strategies. Ensure that students have the proper background knowledge to make sense of the text, widen their vocabulary so that they have an advantage in everything when it comes to academics, help them understand everything that they are studying not merely reading it without analyzing and evaluating because they will not understand it well.

Keywords: comprehension, effectiveness, understanding, evaluating

Level of Effectiveness of Video Presentation as Teacher's Teaching Technique in Disaster Readiness and Risk Reduction Subject to Selected Grade 12 General Academic Strand Students of Bestlink College of the Philippines

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Abstract

One of the struggles in teaching Disaster Readiness and Risk Reduction subjects is that some students get bored while their teachers are discussing. Some teachers use video presentations to get their students' attention. The researchers want to know how effective this kind of teaching technique is to the selected Grade 12 General Academic Strand students of Bestlink College of the Philippines. Thus, the researchers decided to conduct this study. The researchers used the quantitative-descriptive method as a research design wherein the researchers aimed to measure the quantity or amount and compare it with record and try to project for the future period. The researchers utilized purposive sampling in choosing 50 selected Grade 12 General Academic Strand students. For indicator number 1, male and female respondents with the weighted means of 4.11 and 3.91, respectively, both strongly agreed that motivation is effective in a video presentation. For indicator number 2, male and female respondents had a weighted mean of 4.03 for male respondents and 4.07 for female respondents, both of which strongly agreed that activities are effective in a video presentation. For indicator number 3, male and 4.06 for female respondents had a weighted mean of 4.06, both of which strongly agreed that examination is effective in a video presentation. The overall weighted mean was 4.07 for male respondents and 4.01 for female respondents, both of which strongly agreed that motivation, activities, and examination are effective in a video presentation. The findings of the study and the conclusions drawn were forwarded. Video presentation should be included as teacher's teaching technique in teaching Disaster Readiness and Risk Reduction subject that needs an illustration. The researchers recommended using video presentations because it is easy to understand the lesson if they use the video presentation. The researchers recommend to the teachers to use video presentation because it is effective to get the attention of the students.

Keywords: video presentation, disaster readiness, risk reduction, teacher's teaching technique

Benefits of Being Member of Talent Center of Performances of Selected Grade 12 Performing Arts Students in Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

In today's complex, many people question talent on how students and researchers aim to understand the relationship between "talent" and "success." The researchers hope to develop the talent and skills of the students as they aim in the talent center. A talent center is an organization that involves sourcing, developing, promoting, and assisting students to hone their talents. Talent is the most important factor that drives an organization and takes it to a high level. An organization can attain goals based on achieving competitive advantage. The researchers conducted this study to determine the benefits of being a member of the talent center. Quantitative research was used to measure variables by using the numerical system and analyze measurements by using a variety of statistical models. Descriptive research was used to describe the characteristics of a population being studied. Purposive sampling was utilized to select the 50 Grade 12 Performing Arts students. The results of the study showed that benefits were treated as a member of the talent center, with the weighted means of 4.46 for male respondents and 4.33 for female respondents, both of which strongly agreed that improved skills are one of the benefits of being a member of the talent center. Meanwhile, the weighted means for male and female respondents were 3.74 and 3.92, respectively, both of which strongly agreed that time management is one of the benefits of being a member of the talent center. The weighted means for male and female respondents were 4.34 and 4.46, respectively, both of which strongly agreed that self-confidence is one of the benefits of being a member of the talent center. The overall weighted means for male and female respondents were 4.18 and 4.23, respectively, both of which strongly agreed that improved skills, acquired time management, and building self-confidence are the benefits of being a member of the talent center. The researchers recommended that a member of the talent center should build self-confidence, practice hard to minimize self-doubt, must be flexible, always have a good attitude toward others, and accept failures. The students' skills should also be improved to focus on more techniques and new ideas, improve their talents and abilities to perform well, develop the right skills, and provide coaches and mentors for support. In terms of time management skills, students should know how to prioritizes, always be role models, and seek further toward the improvements of the study.

Impact Of Study Habits on Academic Performances of Selected Grade 12 General Academic Strand Students in Bestlink College of The Philippines

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Abstract

Study habits are the behavior when preparing for a test or learning academic material. One's academic performance is affected by your study habits. The researchers conducted this research to determine the impact of study habits on the academic performance of the students. The quantitative-descriptive method was used here to collect quantifiable information to be used for statistical of the population sample. This study involved 50 General Academic Strand students as respondents to assess the impact of their study habits on their academic performances. Based on the summary, the weighted means for male and female respondents were 4.23 and 4.39, respectively, both of which strongly agreed that setting priorities affects their study habits. The weighted means for male and female respondents were 4.25 and 4.11, respectively, both of which strongly agreed that reviewing affects their study habits. In terms of advanced reading, the weighted means for male and female respondents were 4.18 and 4.14, respectively, both of which strongly agreed that advanced reading affects their study habits. The overall weighted means for male and female respondents were 4.21 and 4.21, respectively, both of which strongly agreed that setting priorities, reviewing, and advance reading has an impact on their study habits. Students should write down assignments and appointments and write a to-do list. Students should have any surprise about how and what they will be graded for. Students should study in a quiet place where they can focus without disturbances. They should also create a study plan and allow ample time to prepare, and think positively to have the right mindset. Students should work in groups to help each student when they are struggling to understand the concept. The student must concentrate, pay attention to the teacher, and avoid distraction. Students should review for tests by using several strategies. Students should also make sure that they understand the book they reading and look up unfamiliar words. Students should think about their future.

Keywords: study habits, academic performance

Impacts of Learning Disaster Readiness and Risk Reduction on Protection of Student: Basis for a Proposed Action Plan

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Abstract

Disaster Readiness and Risk Reduction is a subject where the students learn various things about disasters and hazard to prevent or reduce casualties. Emergency preparedness is important for everyone because this can save lives. This study aims to find the impact of learning disaster readiness and risk reduction on the protection of the students. Quantitative research was used as the research design for the study with the descriptive method. This study used purposive sampling to select 50 Grade 12 General Academic Strand students to assess the impacts of learning disaster readiness and risk reduction on their protection. Based on the summary, the weighted means of male and female respondents were 4.1 and 3.9, respectively, both of which strongly agreed that preparing for emergency response has an impact on learning disaster readiness and risk reduction on their protection. The weighted means for male and female respondents were both 3.9, both of which strongly agreed that training and awareness have impacts on learning disaster readiness and risk reduction on their protection. The weighted means for male and female respondents were 3.9 and 3.7, respectively, both of which strongly agreed that disaster prevention has an impact on learning disaster readiness and risk reduction on their protection. The overall weighted means for male and female respondents were 4.0 and 3.8, respectively, both of which strongly agreed that preparing for emergency response, training and awareness, and disaster prevention have the impacts of learning disaster readiness and risk reduction on their protection. Based on the findings of the study and the conclusion drawn, the following action plan was forwarded. To prepare for emergency response, knowing safety and security, students should familiarize themselves with a safe evacuation plan, gain knowledge about rescuing a person in danger, and create a training action plan. For training and awareness, the students should be trained and evaluated to assess training needs and implement training initiatives. Meanwhile, for disaster prevention, mitigation, and improvement strategies, nonhazardous and hazardous materials should be separated, and a mutual aid scheme should be created. This statement will help the students to be aware of a disaster.

Keywords: disaster readiness and risk reduction, protection of students

Development of Critical Thinking Skills in Mathematics as Assessed by Selected Grade 12 General Academic Strand students of Bestlink College of the Philippines

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Abstract

Critical thinking skills are a key factor in separating students who can do Math from those who truly understand what they are doing. When students do Math, they can perform computation and explain how a formula works, and they can trace the steps used to define a concept. Not only they can solve a problem but can also explain the logic behind the process they used to reach a solution. To think critically is to follow a clear line of logical steps and reasoning. To solve critical thinking problems, mathematics teachers should model the way they think when solving a problem. This study was conducted to help students to develop their critical thinking skills in Mathematics. The quantitative-descriptive method was used in this study to measure the experimental subjects measured before and after treatment. A descriptive study establishes the only association between variables. An experiment measures variables that may explain the mechanism of treatment. The researchers utilized purposive sampling to choose 50 Grade 12 General Academic Strand students to assess the development of critical thinking skills in Mathematics. Problem-solving had the weighted means of 3.86 and 4.82 for male and female respondents, respectively. Activities had a weighted mean of 3.73 for male respondents and 3.88 for female respondents. Decision making had a mathematics weighted mean of 3.74 for male respondents and 3.77 for female respondents, with the overall weighted means of 3.77 and 4.15 for male and female respondents, both of which strongly agreed that problem solving, activities, and decision making help develop their critical thinking skills in Mathematics. The following recommendations were drawn: there should be the emphasis on the development of the student's character and other affective domains in learning the subject to develop critical thinking skills in Mathematics, students should exert effort to learn Mathematics to improve their critical thinking skills in the subject, students should have a deeper engagement and understanding about the subject to improve their critical thinking skills in Mathematics, teachers should help students to evaluate the information they receive by determining what kind of problem-solving it is, the students should attend training should be conducted to enhance the student's critical thinking skills in Mathematics, and the students should solve extra problems to enhance their critical thinking skills in Mathematics subject.

Keywords: critical thinking skills, Mathematics

Level of Effectiveness of Practical Arts Activities in Academic Achievements of Grade 12 Performing Arts Students at Bestlink College of the Philippines: An Assessment

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Abstract

Art is the expression or application of human creative skill and imagination by producing works to be appreciated primarily for their beauty or emotional power. Practical Arts activities are the actual doing of tasks rather than discussions of theories and ideas that are related to arts. It is usually done by Performing Arts students since they are taking a strand that is connected to arts. The objective of this research was to improve the teacher's strategies for the exploitation of Practical Arts activities to enrich the talents of Performing arts students at Bestlink College of the Philippines. This research used quantitative research based on numeric figures or numbers and descriptive methods to describe the characteristics of a phenomenon of the population being studied. Survey questionnaires were administered to 50 Grade 12 Performing Arts students who were selected through purposive sampling where every student has an equal chance to be chosen as a sample. The survey questionnaire was constructed to determine the level of effectiveness of Practical Arts activities in the academic achievements of Performing Arts students in terms of academic performance, talents and skills, and experience of the students. The respondents strongly agreed in terms of academic performance, talents and skills, and experience. The weighted mean for male and female respondents were 4.07 and 4.38, respectively, both of which strongly agreed that Practical Arts activities are effective in improving academic performance. Male and female respondents strongly agreed that Practical Arts activities are effective in improving the talents and skills, with the weighted means of 4.15 and 4.31, respectively. Male and female respondents had the weighted means of 4.25 and 4.16, respectively, both of which strongly agreed that Practical Arts activities are effective in improving the experience. Based on the findings of the study and the conclusions that were drawn, the following recommendations were forwarded: students should participate in activities related to arts, students should explore to learn more, students should be motivated and productive, teachers should create activities that are related to arts, students should be engaged and attached to their best talents, students should grow their talent first before discovering something new, teachers should motivate their students, and teachers should help their students to broaden their knowledge and skills.

Keywords: practical arts activities, effectiveness

Importance of Homework Activities in Academic Performance of Grade 12 General Academic Strand Students at Bestlink College of the Philippines

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Abstract

One of the problems of the students is homework activities, which are supposedly done inside the classroom but due to lack of time, it turned to homework. The researchers conducted this study to know the importance of homework to the academic performance of students. Quantitative-descriptive research was used to describe the characteristics of a population or phenomenon being studied. We used purposive sampling to choose 50 Grade 12 General Academic Strand students to assess the importance of homework in the academic performance of the students at Bestlink College of the Philippines. The results of this study showed that male General Academic Strand students were more dedicated than female students, with the composite weighted mean of 3.36 and verbal interpretation of strongly agree. Female general academic Strand students had the composite weighted mean of 3.49, with the verbal interpretation of strongly agree. In terms of the cognitive aspect, male respondents had the weighted mean of 3.30, with the verbal interpretation of agree, while female respondents had the weighted mean of 3.1, with the verbal interpretation of agree. In terms of the affective aspect, female respondents had the weighted mean of 3.6, with the verbal interpretation of strongly agree, while male respondents had the weighted mean of 3.54, with the verbal interpretation of strongly agree. In terms of the psychomotor aspect, male respondents had the weighted mean of 3. 84, with the verbal interpretation of strongly agree, while female respondents had the weighted mean of 3.70, with the verbal interpretation of strongly agree. Based on the findings of the study and the conclusion drawn, the following recommendations were forwarded. The steps required to implement the policy and the resources needed should be specified. The benefits of recognition and what problem would be corrected or avoided should be discussed. The proposed policy and general statement should be discussed. Some reference materials, such as books, online resources, etc., should be used. Students must give attention to the study. Students should also manage their time to do their homework. Students should also take notes of topics to help them recognize or remember the topic. Students should also listen carefully to the lesson or teacher who discusses how to do homework easily. The students should also ask their teachers if they do not understand the lesson.

Challenges and Strategies in Learning English Grammar of Selected Grade 12 General Academic Strand Students in Bestlink College of the Philippines

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Abstract

English is one of the difficult subjects that students encounter in school. People have different comprehension levels, and each has a strategy to understand English grammar. Learning English is a challenge to all Grade 12 General Academic Strand students in Bestlink College of the Philippines. The purpose of this study was to determine the challenges students may encounter and the strategies that can use to easily learn English grammar. Quantitative research was used as the research design for the study. This study utilized purposive sampling and a descriptive method to select 20 male and 30 female students as respondents who assessed the challenges and strategies in learning English grammar in terms of vocabulary, grammar, and reading comprehension. The study used a survey questionnaire as the instrument to gather data from the two groups of respondents. The male respondents obtained an overall weighted mean of 3.77, and female respondents obtained an overall weighted mean of 3.89, both of which were interpreted as strongly agree. Therefore, the difference between the assessments of the two groups of respondents in terms of the cited variables is not significant. The recommendation of the two groups of respondents are as follows: students should keep a dictionary, learn a word a day, engage in conversation, and use new words in conversation or assignments then learn it. Researchers should pay attention to English vocabulary to develop the challenges and strategies in learning English grammar.

Keywords: challenges, strategies

Impact of Whole Day Class Schedule on Academic Performance of Selected Grade 12 Students in General Academic Strand of Bestlink College of the Philippines

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Abstract

The purpose of this study was to identify the academic performance of students based on their current schedule. The study sought to determine the types of schedules that are currently in use, the current state data available for school with different schedules, and what teachers and staff see as major benefits and challenges of the available schedule. The main aim of this study was to determine the impact of a whole day class schedule on the academic performance of selected Grade 12 General Academic Strand students in Bestlink College of the Philippines. The study used a quantitative descriptive research design that will elaborate the guidelines to be taken by the implementation of the impact of whole day class schedule on the academic performance of students. Purposive sampling was utilized to select 50 General Academic Strand students. The results showed that the impact of the whole day class schedule on the academic performance of students is evident in terms of finances, with the weighted means of 3.75 and 3.84 for male and female respondents, respectively, both of which were interpreted as strongly agree. In terms of health, the weighted mean for male respondents was 3.8, with a verbal interpretation of "agree," and the weighted mean for female respondents was 3.58, with the verbal interpretation "strongly agree." With the weighted means of 3.72 and 3.6 for male and female respondents, respectively, both groups agreed that the whole day class schedule has an impact on the physical aspect of students. With the overall weighted means of 3.75 and 3.67 for male and female respondents, respectively, both groups strongly agreed that the whole day schedule has an impact on the academic performance of students in terms of their finances, health, and physical aspect. Based on the findings of the study and the conclusions that were drawn, the researchers forwarded the following recommendations. Students should save the extra money for other school activities, maintain their priorities in spending money to avoid having problems if they are short on their budget, drink enough water to help boost their concentration, take a short nap to boost their energy levels, take a calming walk before taking an exam, teaching calming breathing strategies that can be used in stressful situations, and increase the amount of daily physical activity.

Keywords: impact, whole day class schedule

Effectiveness of Multimedia in Teaching Performance of Grade 3 Teachers at Caloocan North Elementary School

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Abstract

Nowadays, as future educators, students must know the significance of multimedia into the field of teaching and how its significance incorporates to its contents, reinforcing one's ideas by using a variety of media and multimedia in the teaching and learning process. Multimedia has considerable effects on the learning and teaching process. Multimedia can be useful for the teachers to handle the class easily and properly use the time for teaching. The descriptive method was used to evaluate the effectiveness of multimedia in teaching performance. Important data and ideas were gathered through observation, questionnaire survey, and unstructured interviews with 10 Grade 3 teachers at Caloocan North Elementary School. Based on the findings of the study, the majority of the respondents used multimedia, such as laptops and a projector, as a part of their teaching process. Respondents also concluded that multimedia helps them in terms of tools for instruction. However, the respondents also encountered problems such as a lack of equipment. The respondents suggested addressing the problems encountered in using multimedia. Teachers should have a wide knowledge of the use of multimedia devices to meet the needs of the present time. School administrators should conduct training, seminars, and workshops on the use of multimedia for classroom instruction and purchase and acquire tools and equipment such as projectors and laptops for classroom use.

Keywords: effectiveness, multimedia, performance

Challenges Encountered by Student-Parents at Bestlink College of the Philippines: Its Effects on their Academic Performance

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Abstract

Student-parents are students who are still pursuing higher education while having their own families. These are the people who prioritize family life first rather than studying and now trying to mend their decisions by taking steps in achieving their dreams. Some of these individuals have been given an opportunity again by their family or partner to fix their broken aspirations. For people who are pursuing education despite the responsibilities on their shoulders, coming back to school serves as a starting point for life improvement and a foundation to attain success in life. The researchers used purposive sampling technique to select 30 student-parents under the College of Teacher in Education at Bestlink College of the Philippines. Results showed that the main common challenge among the participating student-parents is the lack of time to manage their roles as students and parents. After rigorous reading and data analysis, the following three themes emerged from the data: (1) challenges of student-parents, (2) effects of the challenges on their academic performances, and (3) motivation of pursuing their studies. These themes were used as a guide to understanding what student-parents go through when faced with these responsibilities. The majority of the student-parents are females aged 26–30 years old. Most of these student-parents are single and have one child. The challenge that affects the respondents' academic performance the most was the financial factor because they prioritize their children's needs. Time management is also a huge issue for student-parents because they have difficulties in choosing their priorities while attending to their two roles. The results of the survey showed that the respondents often experienced family issues and concerns in terms of budgeting their expenses and childcare because not all of them have a support system. A relationship is the highest factor, while health is the least of their concerns under personal issues due to having dual roles, which make them tend to forget that their health is also important. As the result, the challenges that are encountered by student-parents considerably affect their academic performance. There should be support groups for student-parents on campus to alleviate the isolation and stress associated with studying and parenting roles. Financial and time management is a major problem student-parents encountered. Through this research, student-parents will have an idea of how to manage and budget their time and finances.

Keywords: student-parents, higher education, challenges

Assessment on Level of Effectiveness of Using Audio-Visuals in Teaching Science

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Abstract

Audio-visual teaching is educational instruction by using materials that use the senses of sight and hearing to stimulate and enrich the learning experience. The researchers conducted this study to determine the effectiveness of using audio-visuals in teaching Science. A quantitative method was used in the study. Using a descriptive design, this study focused on the three variables identified on the effectiveness of using audiovisual materials in teaching Science, namely, attention, activities, and examination. The researchers used the purposive sampling to select the respondents. Data were gathered by distributing questionnaires to the target respondents. Based on the summary table, male and female respondents, which had the weighted means of 4.07 and 3.97, respectively, strongly agreed that using audio-visuals is effective in getting the attention of students while teaching Science. With the weighted means of 4.08 for male respondents and 3.95 for female respondents, both groups strongly agreed that activities have an impact on the effectiveness of using audio-visuals in teaching Science. With the weighted means of 3.91 for male respondents and 3.9 for female respondents, both groups strongly agreed that the use of audio-visuals is effective in getting the attention of students. With the overall weighted means of 4.02 for male respondents and 3.94 for female respondents, both groups agreed that the use of audio-visual is effective in catching the student's attention in teaching Science. The action plan forwarded by the two groups of respondents is the following: the resources should be available, should be relevant to the lesson, and should be easier to understand.

Keywords: audio-visual, effectiveness

Assessment on Cooperative Learning in Practical Research 2 of Grade 12 General Academic Strand Students of Bestlink College of the Philippines: Basis for Crafting a Proposed Guide

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Abstract

Cooperative learning is the learning process in which individuals learn in a small group with the help of each other. Cooperation will build interdependence and communication with others. We can express ourselves for who we are or say what we want to say. The present paper discussed the concept and salient features of cooperative learning. The researchers conducted this study to assess cooperative learning in Practical Research 2 subject. The researchers used quantitative research to emphasize the objective measurement, and descriptive research was used to describe the characteristics of the population or phenomenon that is being studied. We utilized purposive sampling to gather input and feedback from the 50 selected Grade 12 General Academic Strand students. Based on the table, with the weighted means of 4.15 for male respondents and 4.34 for female respondents, both groups strongly agreed that cooperative learning can be assessed through activities. With the weighted means of 4.37 for male respondents and 4.33 for female respondents, both groups strongly agreed that research output can be assessed for cooperative learning. With the overall weighted means of 4.26 for male respondents and 4.33 for female respondents, both groups strongly agreed that activities and research output are ways to assess cooperative learning. The respondents recommended choosing members wisely; providing material such as bond paper, printer, and monetary support; teach the process skills that you want to perform; design your member; give your member individual roles; define learning objectives for the activity; ensure that everyone in your group understands your topic; use different styles to learn how to use video, audio, and picture that can help students to learn more knowledge; make sure that each member is willing to learn; and make your quick but efficient.

Keywords: cooperative learning, basis for crafting guidelines

Classroom Management Styles of Grade 6 Teachers at Caloocan North Elementary School and its Impact on Academic Performance

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Abstract

Classroom management style creates a set of expectations used in an organized classroom environment. An effective classroom management style paves the way for the teacher to engage the students in learning. In addition to being highly knowledgeable in the subject matter, teachers also need to know how to manage classroom dynamics effectively. This entails organizational and disciplinary skills, which help make different types of classroom interactions. A well-managed classroom provides an environment in which teaching and learning can flourish. However, a well-managed classroom does not only come out of anywhere. Creating a conducive classroom climate takes a good deal of effort. The person who is the most responsible for creating this atmosphere is the teacher. The researchers utilized the descriptive method design in collecting information about the classroom management styles of Grade 6 teachers in Caloocan North Elementary School and its impact on academic performance. The researchers chose 15 Grade 6 teachers in Caloocan North Elementary School as respondents. The researchers also used the purposive sampling technique. The researchers formulated the following results. The majority of the respondents used a democratic style of teaching for their classroom management. Different classroom management styles, such as authoritarian, democratic, permissive, and indulgent, that affect the academic performance of the pupils exist. There are best practices, such as cognitive development, affective development, and psychomotor development, that are used by the respondents for the performance of the students. The respondents suggested the use of the following techniques and strategies to improve the teaching styles: keeping parents informed, providing positive reinforcement, providing their students with firm but fair classroom rules, and consistently adhering to the consequences of breaking rules. Based on the summary of findings and conclusion drawn, the following are hereby recommended. Teachers should use a democratic style instead of an authoritarian, permissive, and indulgent style for effective classroom management. Teachers should innovate new techniques and strategies to improve the academic performance of the students. Parents should also do a follow-up on the improved behavior of the values formation of students. Similar studies should also be conducted to verify the results of this research.

Keywords: classroom management styles, academic performance

Challenges Encountered By Working Students that Affect their Academic Performance

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Abstract

A working student is a person who works and goes to school as a student at the same time. Being a working student needs considerable effort not only in his work but also in his studies. Being a working student is extremely hard because they need to give 100% of their attention when they are in school and give 100% of their strength when they work. This research used quantitative research and descriptive method to describe the characteristics of a population being studied. Survey questionnaires were administered to 50 Grade 12 Performing Arts students who were chosen through purposive sampling. The survey questionnaire was constructed to determine the challenges encountered by the working students that affect their academic performance. The result of the study showed that in terms of working students, the weighted mean of the respondents was 3.7, which strongly agreed that the financial aspect is the major challenge encountered by working students that affect their academic performance. Meanwhile, the weighted means of the respondents was 3.1, which agreed that time management is a minor challenge encountered by working students that affect their academic performance. The weighted mean of the respondents was 3.25, which agreed that priorities are also a minor challenge encountered by working students that affects their academic performance. The researchers recommended the following in terms of time management. If you are a working student, then you should know how to manage your time. A working student should know how to spend his or her time equally between study and work., plan everything, and do plan strategies. In terms of priorities, there will be a moment that working students have to choose between work and school; working students should know what is more important to prioritize; even if you are tired, you have to push yourself and be determined regarding the things that you need to do. One should prioritize their goal to achieve their dreams. In terms of the financial aspect, working students should save more for future expenses, use their money on things that they need and not on things that they want, know how to budget their money, practice effective strategies to save money.

Keywords: working students, challenges

Benefits of Wearing Corporate Attire to Grade 12 General Academic Strand Students in Bestlink College of the Philippines an Assessment

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Abstract

Students are generally identified about their level of education and affiliation from their uniform or a formal dress for ages. The dress code for senior high school students has always been a controversial issue among various stakeholders. On one side, institutions want to have dress code policies for maintaining a healthy learning environment; on the other side, it faces opposition from the students and their parents who consider it as a meaningless restriction on them. The researchers conducted this study to determine the benefits of wearing corporate attire to Grade 12 General Academic Strand students in Bestlink College of the Philippines. Quantitative–Descriptive method design was used here. This research utilized purposive sampling to select 50 Grade 12 General Academic Strand students as respondents. With the overall composite weighted means of 4.01 for male respondents and 3.93 for the female respondents, both groups strongly agreed on wearing corporate attire creates uniformity. With the overall weighted means of 3.99 for male respondents and 3.93 for female respondents, both groups strongly agreed that wearing corporate attire gives them a sense of pride. With the overall weighted means of 3.06 for male respondents and 3.92 for female respondents, both groups strongly agreed that wearing corporate attire promotes the school spirit. Based on the following of the study and conclusions that were drawn, the following suggestion was forwarded: students should be united, they should create uniformity that can look good and formal as a student, use comfortable cloth, make the student pride, love the school that you love, being proud of their school, and wear a uniform of famous school makes my go pride high. Wearing a uniform will benefit the school to gain popularity and determine which school the students attend, thereby giving students confidence.

Keywords: corporate attire, benefits

Assessment on the Usability of Research Template and Guide for Senior High School Department: Basis for Crafting Guidelines

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Abstract

Instructional materials, such as Research Template and Research Guide, have important uses that will affect how the students will cope with their studies. Using this Research Template and Guide is similar to using a different strategy or technique to help the students gain more knowledge. Students will be more motivated and interested in their studies. Nowadays, students have different means to understand their lessons, which can be verbal or visual. Thus, those materials that are being used are effective to help the students understanding their lessons. The researchers used qualitative research and utilized the descriptive method to focus on describing the usability of the Research Guide and Template. They also used a survey questionnaire to gather the information that is needed from selected Grade 12 Humanities and Social Sciences (HUMSS) Strand students by using a random sampling technique. The researchers pretested the instrument and used the selected 100 Grade 12 HUMSS Strand students who were included in this study. This will ensure that the tool can gather the needed data. The research found that the Research Template and Guide have important uses on the academic performance of the students, such as major exams, written output, and performance tasks. It helps the construction of their research output to be more effective. The study conducted that the materials that are crafted by the school, such as the Research Template and Guide, will affect the students in their studies. The researchers learned that it is important to use different techniques in studying. The research suggested that students should use the Research Template and Guide, and the teachers will be more enlightened regarding the use of the differently crafted materials in the school.

Keywords: assessment, usability, template

Stress Management of Student Practice Teaching of Bachelor of Secondary Education at
Bagumbong High School Caloocan City

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Abstract

The 21st-century teachers and students now face different kinds of stress that can already affect their performance and functionality as an individual. Teaching becoming more challenging as a profession, and it is known as the noblest profession in the world. Schools are also an extremely important organization in our society. In teaching, there are tough times; teachers face difficult challenges and new opportunities in teaching 21st-century students. As a teacher, we face expectations of the school and our co-teachers. The conditions and characteristics tell those stressful situations build up not only inside but also outside the school. 21st-century students also facing different kinds of challenges that can affect their academic performance and one of these is stress. If the student is also a teacher, a Student Practice Teaching (SPT) conducting his/her teaching at a school that is surrounded by different stressors. Stress is an extremely serious problem if it crosses its limits. Hence, we need to use different methods, strategies, and treatments to manage stress. The descriptive method was applied here to select 30 students to practice teaching, with 17 females and 13 males. The majority of the respondents are within the age bracket of 19–24. survey and unstructured interviews were conducted to determine the causes and effects of stress on the respondents. Based on the data gathered, the majority of the respondents are female (57%). The main causes of stress to the respondents were personal, family, physical, and academic stressors. The top stressors with the interpretation of "high effect" were being underweight or malnourished with a weighted mean of 3.66, traumatic event with a weighted mean of 3.5, and serious illness in the family with a weighted mean of 3.5. The respondents' solutions to minimize stress was having an open and positive attitude toward any circumstance; taking extra time to think; eating a healthy, well-balanced, and nutritious diet; and getting more sleep than relying on medication. Based on the gathered data, there are ways to manage, minimize, and cope with stress. Using a guide to minimize stress will help the respondents to explore different ways to cope, adapt, and minimize their stress.

Keywords: SMSPTBHSCC, stress management

Impact of Work Immersion on Career Path of Selected Grade 12 General Academic Strand Students of Bestlink College of the Philippines

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Abstract

The Philippine Educational System has been developed to provide the learners the best. It happened the moment they changed the curriculum system from the basic form to the K-12 curriculum. On July 05, 2017, the Department of Education (DepEd) released the guidelines to conduct Work Immersion Activities for the Senior High School curriculum. It consists of 80 hours of hands-on experiences or work simulation that Grade 11 and 12 students will undergo to expose them to the actual workplace setting and enrich the competencies provided by the school under the supervision of the school head and the designated personnel of the partner institutions. Work Immersion will help the students to know what course they want to take in college. Work Immersion can be seen as giving the students a way to improve themselves by experiencing real work simulation. The researcher conducted this study to determine the impact of Work Immersion on the career path of selected Grade 12 General Academic Strand students of Bestlink College of the Philippines. This quantitative descriptive-analytical study involved 50 students and 2 Work Immersion teachers of Bestlink College of the Philippines who were selected through purposive sampling. Data were collected by a valid and reliable questionnaire. With the overall weighted means of 3.79 from Work Immersion teachers and 3.65 from the students, both groups strongly agreed that choosing a career path, gaining competencies, and gaining experiences are the impacts of Work Immersion on the career path of students. Based on the findings of the study, the following conclusions were drawn. Students who are having a hard time deciding their career path can use their gained experiences and competencies during their Work Immersion as a basis of their evaluation on their career decision making to get more satisfied in their future courses. Students must assess their capacity in working to help them easily decide their career path. Students must apply the work ethics that they have learned from their Work Immersion teachers and workplace. Lastly, students must develop their character while undergoing Work Immersion.

Keywords: work immersion, career path, career decision

Assessment on Level of Additional Two Years of High School for College Preparedness of Grade 12 General Academic Strand Students in Bestlink College of the Philippines

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Abstract

The benefits of a college education go far beyond career and income. College life helps students develop their knowledge and skills in many ways, thereby giving them a love for knowledge and inquisitiveness that will serve them in all of their pursuits. Molding a student's character, talents, and skills perfectly would take time. Our government implemented the K-to-12 program. This study was conducted to assess the level of additional two years of High School for the preparedness of students to enter college. This study used the quantitative-descriptive method and selected respondents through purposive sampling. Data were collected through a valid and reliable questionnaire. The results of the study showed that in terms of skills, the computed weighted mean for male and female respondents was 4.08, which was interpreted as strongly agree. In terms of knowledge, the weighted means for male and female respondents were 3.98 and 4.15, respectively, both of which were interpreted as strongly agree. In terms of values and ethics, the weighted means for male and female respondents were 4.30 and 4.11, respectively, both of which were interpreted as strongly agree. The overall weighted means for male and female respondents were 4.12 and 4.11, respectively, both of which strongly agreed that skills, knowledge, values, and ethics can be developed in the additional two years of high school for college preparedness. Based on the findings of the study, the following recommendations drawn were forwarded. (1) School faculties and administrators should implement strict rules toward enhancing the students' skills to assess and get a better result of the activities done within the two years of high school for college preparedness. (2) For students, it will be helpful if they will undergo classroom/field activities that will mold their behavior and attitude to prepare them for college and their career path. (3) Teachers and administrators should provide hands-on activities and practices for students to apply their acquired skills and knowledge to guide students in choosing their college courses wisely. (4) In addition to activities, the school should provide learning material that enhances the critical thinking skills of students.

Keywords: additional two years, college preparedness

Student-Parenting: Impacts on Academic Performance of BSED English Students in Bestlink College of the Philippines

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Abstract

Problem is part of everyone's life, and everyone experienced it. Problems that can either modify and shape man's behavior to continue everything that he or she wants to achieve or can be a reason for him or her to give up. There are no shortcuts to any place worth going to. Everyone is aiming for their career and success goals, such as getting a diploma. Student-parenting is not similar to any other issue, although it seems to be a common concern; it does not seem to bother people that much. College and parenting are challenging; people who succeed at doing both at the same time tend to have strong family and friend support networks. At present, the research highlighted the role of social support and stress in the physical health of college students who are also parents. This study utilized the normative descriptive method design to analyze the collected information about student-parenting. Based on the findings, the researchers came up with the following conclusions. The description of the respondents was extremely significant to the study to interpret data. Then, there were causes of student-parenting among the respondents, and there were impacts of student-parenting on the academic performance of the respondents. Students should focus on their academic responsibility. Teachers and school administrators should invoke equality and widen their understanding about student-parents to avoid discrimination, Teacher should provide alternative activities for student-parents and motivate them to finish their studies. School administrators should provide awareness programs about student-parenting. The institution needs to provide a program about student-parenting that will help the students to understand, learn, and realize its impacts on their academic performance. Finally, the institution should provide protection rules about student-parents, especially in their academic journey, and parents should strengthen the family relationship at home.

Keywords: student parenting

Factors Affecting English Communication Skills of Grade 11 Students at Bestlink College of the Philippines

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Abstract

The English competency of the Philippines is considered to be one of the greatest assets that made Filipinos known and recognized to the global workforce, thereby attracting foreign investors that contribute to the growing economy of the country. English communication will always be the most useful skill of every educated Filipino because it is already embedded in our culture, history, and identity as a bilingual nation. However, a recent study states that the English competency of Filipinos declined in the past years. The present research only involved 30 Grade 11 students. A descriptive method was used, and a questionnaire was given to gather data from the respondents consisting of the respondents' profiles; the factors affecting English communication skills; and how the factors affect their daily conversational skills, written tasks, and public speaking skills. The majority of the respondents are female students aged 17 years old from the Humanities and Social Sciences Strand. The most significant factor was the medium of communication in which the practice of the language is observed daily. The preferred language of the respondents to use is Bilingual, thereby significantly affecting their fluency. Media influence the learners as they allot most of their time to social networking platforms, such as Facebook, where the proficiency of the English language is not given that much importance because people use slang and colloquial words nowadays. Students are uncomfortable speaking English because of MTB, where primary learners are taught by using their MT. Thus, students have difficulty in translating terms to English, which also leads to a lack of ideas for creative writing. Communication becomes effective when a communicator is competent and has a broad understanding of the language. English competency provides a better opportunity in the corporate world and other fields. Family should help promote language development at home by doing a habitual studying lesion guided by parents themselves. Curriculum developers should develop a curriculum that will meet the needs of diverse backgrounds and levels of English language learners and provide the most appropriate instructional material and approach for diverse learners so that they can cope up with the global competencies. A strong connection between teacher and student should be established to ease the learning process. Lastly, the use of social media should be maximized by creating an online platform that will serve as an extension of learning.

Keywords: MTB

Level of Effectiveness of Research Guide and Template in Studying Research Subject of Grade 12 General Academic Strand Students of Bestlink College of the Philippines

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Abstract

One of the most difficult things about being a student is writing a research paper. Many students suffer from analyzing how to improve their research papers. Thus, we decided to study the research guide and template in determining the effectiveness of the research guide and template in studying a research subject. Qualitative-descriptive research was used as the research design for the study. This study aimed to measure the quantity or amount, compare it with record, and attempt to project for a future period. This study utilized purposive sampling to select 50 students and Research teachers as respondents who assessed the level of effectiveness of the research guide and template. With the overall weighted means of 4.12 for Grade 12 students and 3.7 for research teachers, both groups strongly agreed that content, guide, and output achievement are effective in using the research guide book and template in the Research subject. Based on the findings of the study and conclusions that were drawn, the following recommendations were made. More known research guides and templates should be used to study Grade 12 General Academic Strand students in Bestlink College of the Philippines. Both groups of respondents confirmed the accuracy of the result of the study. The students' skills in communication and human relations should be enriched. Students should develop good work habits, attitudes, appreciation, and respect for work to prepare them to meet the needs and challenges of employment or higher education after graduation.

Keywords: effectiveness of research guide, research subject.

Effectiveness of Implementation of K To 12 Program at Bestlink College of the Philippines: An Emerging Guide

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Abstract

The effectiveness of a curriculum, which produces good results that benefit each individual and every denomination, dictates the future of a student. Time flies, and generation changes, which considerably affect people. Many institutions passed through modification because of the alterations of needs. Education also changes. New techniques and instructions are needed for the success of the students. To understand the effectiveness of new education, appropriateness must be based on the quality of the students, which must produce new skills and knowledge and be able to prepare the students for higher education and the job market. The descriptive method was used in this study because it attempts to describe the existence of implementation through 10 graduate students and 10 senior high school teachers in Bestlink College of the Philippines, Bulacan Campus. To gather data, the instrument used was a survey wherein the respondents were instructed to check the appropriate given information about K-12. The researchers used statistical treatment to interpret and analyze the results of the gathered data. The results showed that the teachers and students have different perceptions about the implementation of the program. The K-12 program is effective in different perceptions of respondents. Based on the findings of this study, the researchers concluded that the respondents have different perceptions about the implementation of the program. Based on the investigation, the researchers recommended that the students and teachers must have consistent feedback about the objectives and reasons of the program. The benefits must be earned by the students, and teachers should make activities that will help the students to engage more in the new curriculum. However, to effectively gain remarkable effects of these changes, we must begin to accept and give a chance to incorporate the ideal of students throughout the curriculum process.

Keywords: K-12 program, descriptive method

Challenges Encountered by Student Practice Teachers at Bagumbong High School: Toward A Guide

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Abstract

Teaching is a multifaceted activity. Intricate expansive planning, strategies, interactions, organizational arrangement, and instructional materials take place in the teaching-learning process. It is important to understand the extent to which teachers can put the theory they have learned during college into practice in real teaching environments. This profession is about giving what you have rather than what you want to earn. It is the art of making others learn to grow. Practice teaching is designed to allow student teachers to put their knowledge into practice and expose themselves to real school and classroom situations to help them develop their teaching skills. The researchers used the descriptive method. The researcher's goal was to use this method to describe the nature of the real situation as it exists at the time of the study. This study used a descriptive research design for the survey method. The results showed that most student teachers majored in English. The majority of the challenges encountered by student practice teachers are the preparation of the lesson plan and financial constraints in making instructional teaching materials. They also encountered problems with the persistent use of the first language by the students inside the classroom. The problems encountered in human relationships between and among the faculty, student practice teachers, and the administrations can also be resolved. Based on the findings, the research focused on the student practice teachers' time to study their actual training not only by giving them instruction on what to teach but also on what is the best topic to tackle every day. The cooperating teacher should take time in guiding, implementing, and encouraging each practice teacher to be more positive in giving instructions and addressing the student needs inside or outside of the school and should promote and assess the English language to set up high-order thinking skills to monitor the progress and practice the usage of English language. Further studies similar to this research should be conducted to verify results and continue the purpose of why this research is being studied in the first place.

Keywords: student practice teacher, teaching, profession

Strategies to Improve English Language Proficiency of Grade 12 General Academic Strand Students in Bestlink College of the Philippines

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Abstract

We chose English language competencies because it is the most common problem of students regarding English subjects. We chose this topic for some students that need to improve their English language proficiency by reading books, enriching vocabulary words, and writing English words, which will help them when decoding these words successfully. It also helps students to understand how sentences work and improves students' English language proficiency. The researchers conducted this study to know the strategies to improve English language proficiency. A quantitative-descriptive method is a quantitative research method that attempts to collect quantifiable information to be used for statistical analysis of the population sample. It is a popular market research tool that allows to collect and describe the nature of the demographic segment. The researchers utilized purposive sampling to choose 50 Grade 12 General Academic Strand students to assess the strategies and improve the students' English language proficiency. The overall weighted means for male and female participants were 3.52 and 3.93, respectively, both of which strongly agreed that reading books, enriching vocabulary words, and writing English words are the strategies to improve English language proficiency. Based on the findings of the study and the conclusion drawn, the following recommendation was forwarded to improve English language proficiency: practice speaking in English, answer the questions in English to discover new words; list down unfamiliar words; practice tongue twisters; and enhance writing skills, such as poem, speech, and other critical papers. Guides books should be used to exercise mind thinking, and they should download apps that can improve their skills, such as IQ tests.

Keywords: English language proficiency, strategies

Assessment on Cooperative Learning in Practical Research 2 Subject of General Academic Strand Grade 12 Students of Bestlink College of the Philippines: Basis for Crafting Proposed Guidelines

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Abstract

Cooperative learning is the learning process in which individuals learn in a small group with the help of each other. Cooperation will build interdependence. The most important part is communication with others. It shows that we can express ourselves for who we are or what we want to say. This paper discussed the concept and salient features of cooperative learning. The researchers conducted this study to assess cooperative learning in Practical Research 2 Subject. The researchers used quantitative research to emphasize the objective measurement, and descriptive research was used to describe the characteristics of the population or phenomenon that is being studied. We utilized purposive sampling to gather input and feedback from 50 selected Grade 12 General Academic Strand students. Based on the table, the weighted means for male and female respondents were 4.15 and 4.34, respectively, both of which strongly agreed that cooperative learning can be assessed through activities. With the weighted means of 4.37 for male respondents and 4.33 for female respondents, both groups strongly agreed that research output can be assessed for cooperative learning. With the overall weighted means of 4.26 for male respondents and 4.33 for female respondents, both groups strongly agreed that activities and research output are ways to assess cooperative learning. Based on the findings of the study and conclusion drown, the following guidelines were forwarded. To choose a member wisely, one must provide material, such as bond paper, printer, and financial support; teach the process skills that you want to perform; design your member; give your member their roles; define learning objectives for the activity; make sure that everyone in your group understands your topic; use different style to learn how to use video, audio, and picture that helps students learn more knowledge; make sure that each member is willing to learn; and make your lesson quick but efficient.

Keywords: cooperative learning, basis for crafting guidelines

Impacts of Work Immersion on Future Employment on Selected Grade 12 General Academic Strand Students of Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

Work immersion refers to exposing students to the actual workplace setting and enriching the competencies provided by the school. Work immersion consists of 80 hours of hands-on experience or work simulation accordingly in the senior high school curriculum. The researchers conducted this study to determine the impact of Work Immersion on future employment on selected Grade 12 General Academic Strand students. The researchers used the quantitative descriptive method. This study used purposive sampling to choose 50 General Academic Strand respondents that assess the impact of work immersion on future employment. Based on the summary, the weighted means for male and female respondents were 3.93 and 4.18 for female respondents, respectively, both of which strongly agreed that knowledge has an impact on work immersion in the future employment of students. With the weighted means of 3.59 for male respondents and 4.00 for female respondents, both groups strongly agreed that skills have an impact on work immersion in the future employment of students. With the weighted means of 3.74 for male respondents and 4.00 for female respondents, both groups strongly agreed that work ethics have an impact on work immersion in the future employment of students. With the overall weighted mean of 3.75 for male respondents and 4.16 for female respondents, both groups strongly agreed that knowledge, skills, and work ethics has an impact on work immersion in the future employment of the students. Based on the findings of the study and the conclusion drawn, the following suggestions were forwarded. Students should be prepared for their future jobs as they learn in different sectors of learning. Students were learning to develop their knowledge in terms of the job they are going to pursue in the future. The superiors should conduct an exam before, during, and after the student's training. To familiarize their skills in doing the job assigned to them during their work immersion training, such as skills in entertaining and manipulating software needed. Students should also conduct seminars, training, and workshops to develop their skills. Meanwhile, to improve their work ethics, the student should take note of the things they should and shouldn't do to their workmates and they should also attend an orientation on how they are going to treat their superiors.

Keywords: employment or job simulation, social interaction, accountability

Nutritional Status of Grade 3 Pupils at Caloocan North Elementary School: Toward a Guide for Improvement

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Abstract

Malnutrition is a condition that results from eating a diet in which one or more nutrients are either not enough or excessive such that the diet causes health problems. It also results from a poor diet or a lack of food. It happens when the intake of nutrients or energy is extremely low or poorly balanced. Undernutrition can lead to delayed growth or wasting, while a diet with excess food but not necessarily a balanced meal leads to obesity. Malnutrition remains one of the largest problems that affect the academic performance of the students in the classroom and continues to have an impact on the physical, mental, and social growth of children. This research aimed to determine the nutritional status of Grade 3 students toward a guide for improvement. The study used to descriptive research design, which uses a checklist to collect data. The target of this research consisted of teachers from Caloocan North Elementary School. The sample involved 15 Grade 3 teachers. The findings indicated the cause of nutrition were students who eat innutritious food and lack access to healthy food. The effect of nutritional status was weak participation in class activities. Solutions that can minimize the nutritional status are conducting feeding programs. The researchers recommended the teachers encourage their students and stakeholders to attend every feeding program the school has provided regularly. The point of view of the parents regarding the importance of education is also important. Suggestions were also cited in the research to address the problem of poor nutrition. Students, parents, teachers, and the government should have more insight into the integration of nutritional status and how it is addressed by attending seminars, meetings, and health programs. Students need to become smart in choosing the right and healthy foods. School administrators and health officials should also conduct a mandatory deworming program. Parents should be encouraged by the school and government that the tablets for deworming are safe and effective for their children.

Keywords: malnutrition, improvement

Teachers' Teaching Strategy

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Abstract

The teachers' teaching strategy helps the students learn the desired course contents and develop achievable goals in the future. Teaching strategies identify different available learning methods to develop the right strategy foe student learning. The research design used in this study was the descriptive survey method. The results of the study showed that the teachers' teaching strategy in terms of lectures, activity, and demonstration is effective as assessed by 50 Grade 12 Performing Arts students, with the weighted means of 3.74 for male respondents and 3.7 for female respondents. Both groups strongly agreed that effective lectures can be easily understood. Activities providing clear instructions are strongly effective as assessed by male and female respondents, with the weighted means of 3.14 and 4.18, respectively. With the weighted means of 3.57 and 3.92 for female and male respondents, respectively, teachers' teaching strategies are strongly effective for demonstration. Based on the findings of the study and conclusions drawn the following recommendations were forwarded: lecture is mainly suggested, a clear visual aid is needed to help the students in their studies, and creative activities will help boost their creativeness. In terms of demonstration, it is highly recommended to make the lecture easy to understand and familiarize the students with the topic. The respondents said teaching strategy enhances the knowledge of students in the subject "Elements and Principles in the Arts" and makes the class easy to accommodate and fun.

Keywords: teaching strategies, elements and principles in arts

Factors Affecting Decision in Choosing College Courses of Selected Grade 12 General Academic Strand Students of Bestlink College of the Philippines

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Abstract

Senior high school is for college preparation and aims to enhance the skills of the student. Grade 12 students encounter more challenges that will hone them to be ready in the future. The course is the field that students have chosen. Often, a student is the one responsible for deciding about their college course. There are instances that parents are the ones deciding the college course for their children. Quantitative-descriptive, which was used here, is a method that attempts to collect quantifiable information to be used for statistical analysis of the population sample used to determine the relationship between one thing and another in a population. The computed weighted means for male and female participants in terms of parents' choice, peer influence, and financial aspect were 3.33 and 3.27, both of which had the verbal interpretation of agree. Based on the findings of the study and conclusions that were drawn, the following recommendations were drawn. A parent should know the suitable course for their child so they can explain properly and they need to know what the passion of their children is. Parents should introduce the courses accurately and precisely to prevent the students to have a false impression of the course. Students should be practical and get a scholarship to have discounts for some school fees, such as miscellaneous and tuition fees. Students should also take the course that their family can afford and take an in-demand course to easily find a job.

Keywords: choosing, decision making, career, course

Effects of Social Media on Academic Performance of Grade 11 students at Bestlink College of the Philippines

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Abstract

Internet rapidly grows around the world and became a part of everyone's life. By 2015, approximately 3.2 billion people or nearly half of the world's population are using the Internet. One of the platforms that gained popularity throughout the years is social media networking sites. It grew rapidly as people create their accounts for simple communication and even for entertainment. Social networking sites include Facebook, Twitter, YouTube, and Instagram, as well as Wikipedia and Pinterest. People use social media to connect and interact with other people of different races and cultures. Social media became the largest platform because people of all ages are engaged in using these sites. Most teenagers are addicted to using social media accounts. The quantitative method was applied to select 30 students as respondents, with 15 males and 15 females aged 15–19 years old. Survey and unstructured interviews were conducted to determine the effects of social media on the academic performance of Grade 11 students in Bestlink College of the Philippines. The respondents always use YouTube and Instagram, and they believe that it provides information to them and helps them express their feelings. It also helps in understanding the lesson well. The respondents also attributed their lack of sleep to social media. Based on the results, the majority of the respondents showed negative effects of using social media. Hence, the students should use it correctly. Most of the respondents lacked sleep because of using social media. Thus, parents should always monitor their children regarding social media use. Students became dependent on those platforms because they wanted to be updated on what is happening and what is trending. In today's education system, social media is important because teachers are involved in various social media sites to engage their students in learning. Educators also use social media to help the learners actively participate in learning activities and enhance their skills.

Keywords: effects, social media

Factors that Affect Choice of Right School for Grade 11 as Assessed by Grade 12 General Academic Strand Students of Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

This research entitled aimed to know the factors that may affect the students' choice of senior high school. Some students are having a hard time deciding what school is right for them. The main aim of this study was to determine the factors that affect students' school choices. The study used a quantitative descriptive research design, which will elaborate on the recommendations to be taken to determine the factors that affect the choice of the right school for Grade 11 students. Purposive sampling was utilized to select 50 General Academic Strand students to assess the factors that affect the choice of right school. The factors that affect the choice of the right school for Grade 11 students are tuition/miscellaneous fees, school facilities, and the school's location. With the weighted means of 2.83 for male respondents and 3.27 for female respondents, both groups agreed that one of the factors is tuition/miscellaneous fees. With the weighted means of 3.23 for male respondents and 3.9 weighted mean for female respondents, both groups agreed that school facilities are a factor in choosing the right school. With the weighted means of 3.38 for male respondents and 3.39 for female respondents, both groups agreed that school location affects the students' school choice. The overall weighted mean of 3.14 was obtained for male respondents, with the verbal interpretation of agree, while that for female respondents was 3.52, with a verbal interpretation of strongly agree. Based on the findings of the study and the conclusions that were drawn, the following recommendations were forwarded: students should find a school near them; they ask help from old students from the school they want to be admitted to; they should check the facilities, safety of the school, school benefits and standards, and school communication and connections; and they should consider financial and practical aspects, academic and extracurricular aspects, feelings and values, class size, personal values and preferences, practical aspects, and school-specific factors.

Keywords: choice, school

Challenges Encountered by Selected Grade 12 General Academic Strand Students of Bestlink College of the Philippines during Work Immersion

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Abstract

Work immersion is a part of the K-12 curriculum, which is implemented specifically for senior high school students; it is a hands-on work experience that will expose students to an actual workplace setting. This experience will serve as the students' training ground to apply the competencies they have learned in the school and enhance them through their engagement and involvement in the operations. This experience will enable the students grow as professional individuals. The researchers conducted this study to determine the challenges encountered by selected General Academic Strand students in work immersion in Bestlink College of the Philippines in terms of nature of work, responsibilities, and behavior. Quantitative-descriptive method research was used as the research design for the study. This study utilized purposive sampling to select 50 Grade 12 General Academic Strand students and 2 Work Immersion teachers. The respondents of this study strongly agreed that the nature of work, responsibilities, and behavior are the problems they encountered in work immersion. Students obtained an overall weighted mean of 3.85, while teachers obtained an overall weighted mean of 3.66. The researchers found out that these challenges would enhance the students' ability and skills in work. The researchers recommended that students should free themselves from doubt, which includes shyness or lack of self-confidence. In work, people do what they have to do; students should not let their limits get in their way because focusing on one's incapability will cause them to fail. Always keep your persistence high and remember that in work, everything will flow smoothly if you mastering the task at hand. The key to successful work is hard work.

Keywords: challenges, work immersion

Assessment on Difficulties Encountered by Grade 12 Humanities and Social Sciences Strand Students in Practical Research 2 at Bestlink College of the Philippines: Basis for a Proposed Guide

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Abstract

Research is the study of new ideas or information to attain facts and new conclusions. Research is difficult to do because many senior high school students encountered difficulties in it. Based on our research and understandings, Practical Research 2 is quantitative research that is defined as statistical research. Grade 12 Humanities and Social Sciences (HUMSS) Strand students have this subject to assist them in their research in college. This kind of thesis gives the student knowledge, time management, and cooperation with their group. While doing this research, students cannot deny the tiredness they get from it due to lack of sleep, ideas, and gathered information; hence, they are losing hope to finish their research. Thus, we analyzed the importance of research to students. A survey was conducted using a questionnaire. Using quantitative research, we involved 47 Grade 12 HUMSS Strand students in Bestlink College of the Philippines as respondents. The respondents said that time management and financial problems are the main difficulties that they encountered while doing research. The results demonstrated that students should save money for research expenses and have good time management while lessening their difficulties in doing Practical Research 2.

Keywords: socioeconomic status, financial aspect

Factors that Affect College Course Selection by Selected Grade 12 General Academic Strand Students in Bestlink College of the Philippines: Basis for Crafting Guidelines

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Abstract

Many senior high school students often have trouble in choosing what college course to take in college, especially those who are in their senior years. It can be a difficult decision to make for teens because peers or parental pressure tends to have a huge impact on their decision at that age. Most college students become stuck with the course they do not like or particularly interested in. Given that the course they are going to take will affect the career they can eventually pursue, students should decide which course will be the best for them in advance. The researchers conducted this study to determine the factors that affect the college course selection of selected General Academic Strand students. A quantitative descriptive research design was used here. The researchers utilized purposive sampling and selected 50 Grade 12 General Academic Strand students to assess the factors that affect college course selection. Based on the table, with the weighted means of 3.85 for male respondents and 3.41 for female respondents, both groups strongly agreed that financial support is one of the factors that affect college course selection. With the weighted means of 3.73 for male respondents and 3.32 for female respondents, both groups strongly agreed that parents' choice is one of the factors that affect college course selection. Male respondents strongly agreed, with the weighted mean of 3.11, and female respondents agreed that peer influence is one of the factors that affect college course selection, with the weighted mean of 2.95. With the overall weighted means of 3.56 for male respondents strongly agree for female respondents, both groups agreed that financial support, parent's choice, and peer influence are the factors that affect college course selection. Based on the findings of the study and conclusions that were drawn, the following guidelines were forwarded. Students should choose their college courses wisely. Students should ask themselves why they chose a specific course, find jobs that are similar to your course, pay attention to details in their courses, consider prospective careers and employment opportunities, get scholarships, be practical, check the career prospective, talk to their employer colleagues or peers about which course are relevant, and think about which subject interests them.

Keywords: college course selection

Effects of Classroom Environment on Academic Performances of Selected Grade 12 General Academic Strand Students at Bestlink College of the Philippines

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Abstract

The classroom environment has affects the academic performance of a student. One of the first access that makes a noticeable impact on student's success is the physical environment of the classroom. The researchers conducted this study to determine the effects of the classroom environment on the academic performances of the students. The researchers used the quantitative-descriptive method. This study used purposive sampling. This study involved 50 General Academic Strand students as respondents to assess the effects of the classroom environment on the academic performances of the students. The results showed that the weighted means for female and male respondents were 3.90 and 3.75, respectively, both of which strongly agreed that class participation has effects on the academic performance of the students. Meanwhile, the weighted means for female and male respondents were 3.78 and 3.65, respectively, both of which strongly agreed that attendance has effects on the academic performances of the students. The weighted means for female and male respondents were 3.77 and 3.71, respectively, both of which strongly agreed that safety has effects on the academic performance of the students. Then, the weighted means for female and male respondents were 3.87 and 3.56, respectively, both of which strongly agreed that behavior has effects on the academic performance of the students. With the overall composite weighted means for female and male respondents of 3.67 and 3.83, respectively, both groups strongly agreed that class participation, attendance, safety, and behavior have effects on the classroom environment and academic performances of the students. Based on the findings of the study and the conclusion drawn, the following suggestions were forwarded. The classroom must be organized well to arouse others' interest in attending the class. The classroom must have proper ventilation. The classroom must be always clean to avoid the students from being distracted. Classroom officers or teachers must have strategies that may encourage students to participate. Students should be taught about behaving properly to avoid tripping hazards. Students must know that there is a consequence for cutting classes. Classroom officers must discipline their co-students properly. Students must also know how to cooperate in any school activity. The school administration should check the classroom ventilation monthly whether it is in good condition or not. Students should also see the changes in their classroom environment.

Keywords: classroom environment, academic performance

Challenges Encountered in Development of Work Ethics of Selected Grade 12 General Academic Strand Students in Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

The purpose of this study was to determine the positive and negative aspects of work experience impacting Hospitality students while completing their college degrees. The students and graduates identified their educational experiences and common types of work experiences. Quantitative descriptive research was used here. We used purposive sampling, which is also known as the judgmental method, to choose 50 Grade 12 General Academic Strand students as respondents to collect data by using a questionnaire. The respondents' answers were treated confidentially. The objective of this study was to know how this situation affects the studies of the students. This study aimed to determine the work experience of having the positive and negative aspects that impact the behavioral standard of a student, such as respect, responsibility, and integrity while completing their academic degrees. Based on the summary, with the weighted means of 3.9 for male respondents and 3.8 for female respondents, both groups strongly agreed that time management is one of the challenges encountered in the development of work ethics in the Work Immersion subject of selected Grade 12 General Academic Strand students in Bestlink College of the Philippines in terms of financial literacy. Based on the summary, with the weighted mean of 3.6 for male and female respondents, both groups strongly agreed that financial literacy is one of the challenges encountered in the development of work ethics in the Work Immersion subject of selected Grade 12 General Academic Strand students in Bestlink College of the Philippines in terms of work relations. With the weighted mean of 3.8 for male respondents and 4.0 for female respondents, both groups strongly agreed that work relationship is one of the challenges encountered in the development of work ethics in the Work Immersion subject of selected Grade 12 General Academic Strand students in Bestlink College of the Philippines in terms of attitudes/behavior. With the weighted mean of 4.3 for male respondents and 4.2 for female respondents, both groups strongly agreed that attitudes and behavior are some of the challenges encountered in the development of work ethics in the Work Immersion subject of selected Grade 12 General Academic Strand students in Bestlink College of the Philippines. With the overall weighted mean of 3.9 for male and female respondents, both groups strongly agreed that time management, financial literacy, work relations, and attitude and behavior are the challenges encountered in the development of work ethics in the Work Immersion subject of selected Grade 12 General Academic Strand students in Bestlink College of the Philippines. Based on the findings of the study and conclusions that were drawn, the following action plan was forwarded.

Keywords: work ethics, work immersion

Factors Affecting Reading Difficulties in English Language of Grade 11 Humanities and Social Sciences Students in Bestlink College of the Philippines

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Abstract

Reading is defined as the complex cognitive process of decoding symbols to derive meaning. It is an important skill to help people learn from human knowledge and experience. If one does not know how to read, then he is derived from the chance to discover truths—of discerning what is believable from not—and understanding everything around him. Through reading, knowledge has greatly contributed to the growth of mankind. Parents have taught their children to read in the hopes of securing them a better future. However, as our systems have been modernized, certain issues have surfaced, which led to the reading difficulty of a large number of students, particularly in this generation. Difficulty in reading is a deficiency in a person's fluent use and comprehension of written language. It does not only torment children but also adults. It is not only a problem for students but also their parents, their teachers, and the community they belong to. Newly developed programs and advanced systems made it easier for us to detect if one experiences reading difficulty. However, the increase in reported cases shows that the system needs improvement. For ages, reading difficulty has always been a problem. Although the silent minority has remained discreet, the increasing number of students who have difficulty in reading is alarming. Hence, in this study, the researchers evaluated the causes of difficulty in reading among students. The researchers used qualitative and descriptive research methods as the research design. The researchers also utilized purposive sampling to gather respondents who assessed the factors affecting difficulties in reading English. This study used a survey questionnaire to gather data from the respondents. The results of the study showed how difficulties in reading affect the daily living and academic performance of the students. Based on the profile of the respondents, in terms of age, 17 years old is the age of respondents that have difficulties in reading. In terms of gender, female is the most affected by difficulties in reading.

Keywords: Poor eyesight, lack of vocabulary, reading ability, reading ability, English language

Role of Motivation on Academic Performance of Grade 11 Humanities and Social Sciences
Strand Students: An Analysis

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Abstract

Motivation increases the initiation and persistence of activities. This study aims to identify the role of motivation on the academic performance of Grade 11 Humanities and Social Sciences (HUMSS) Strand students in Bestlink College of the Philippines. This descriptive method study was conducted on 80 HUMSS Strand students who were selected through purposive sampling. Data were collected by a valid and reliable questionnaire, consisting of questions about the role of motivation on the academic performance of the students. The results of this study showed that being motivated helps the students to drive creativity and curiosity, sparking the desire needed for students to want to learn and participate. The findings indicated that motivation has a considerable impact on the student's performance. It has a huge role in helping a student to persist a good work. Motivation uplifts student's enthusiasm, increases the students' effort and energy, and helps the students become determined in accomplishing their goals. The researchers hope that this research can help the students, parents, and teachers to know how motivation works in our daily lives.

Keywords: motivation, analysis, student's learning, class participation, attendance

Difficulties in English Grammar of Selected Grade 12 Humanities and Social Sciences Strand Students of Bestlink College of the Philippines

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Abstract

Grammar makes it possible for us to talk about language. Grammar names the types of word groups in any language. As humans, we can put sentences together even as a child by using grammar. However, to be able to talk about how sentences are built and the types of word and word groups that make up sentences that are knowing about grammar offers a window into the human mind and our vast mental capacity. People associate grammar with errors and correctness. However, knowing grammar also helps us to understand what makes sentences and paragraphs clear and precise. Grammar can be a part of literature discussions when students read the sentences in poetry and stories. Knowing about grammar means finding out that all languages and all dialects should follow grammatical patterns. The researchers used descriptive research to describe the grammar difficulties of selected Grade 12 Humanities and Social Sciences (HUMSS) Strand students. The researchers administered a survey questionnaire to gather information from selected MWF HUMSS Strand students. A random sampling technique was used to select 90 respondents. The results showed that the difficulties in the grammar of the students greatly affect their academic performance in terms of reading comprehension, oral communication, and sentence construction, with the weighted mean of 3.40 having the verbal interpretation of "often." The difficulties in the grammar of the students also greatly affect their academic performance in terms of writing essays, recitations, and public speaking, with the weighted mean of 3.31 having the verbal interpretation of "sometimes." The researchers found out that encountering unfamiliar words of respondents is the main reason that can affect the student's performance in terms of reading comprehension, and lack of confidence is the main problem of the respondents why they have difficulty in oral communication. The researchers found that difficulties in grammar are the main problem of the students because of the poor use of the English language in the country, especially in their house and in the school and because English is not used if not necessary, which significantly affects their academic performances. The researchers suggest an English Program Seminar about the effects of difficulties in grammar, including communication and academic performance.

Keywords: grammar difficulties

Impacts of Work Immersion Subject on Knowledge and Skills Development of Grade 12 General Academic Strand Students of Bestlink College of the Philippines

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Abstract

In Bestlink College of the Philippines, Grade 12 General Academic Strand students need to take the Work Immersion subject and must undergo "on-the-job training" as a requirement of the subject. However, but some students wonder what are the impacts of Work Immersion on their knowledge and skills that they can use in their future life. Thus, we researched to determine the impacts of Work Immersion on the knowledge and skills development of students to help them know the importance of this subject. Quantitative descriptive research was used as the research design for the study. We utilized purposive sampling to gather respondents who are Grade 12 General Academic Strand students. For variable 1, with the weighted mean of 3.9 for Grade 12 students and 4.4 for Work Immersion teachers, both groups strongly agreed that knowledge can be obtained through Work Immersion. For variable 2, with the weighted mean of 4.0 for Grade 12 students and 4.4 for Work Immersion teachers, both groups strongly agreed that skills can be enhanced through Work Immersion. For variable 3, with the weighted mean of 4.2 for Grade 12 students and 4.4 for Work Immersion teachers, both groups strongly agreed that the attitude of students can become more respectful. The overall weighted means for the three variables were 4.0 for students and 4.4 for Work Immersion teachers, both of which strongly agreed. Based on the findings of the study and the conclusions that were drawn, the following recommendations were forwarded: a common understanding relation among education stakeholders should be built; the achievement of the students should be improved through increased focus on the development of working educators connected to a work/job; students should participate in an organized learning activity that meets identified community needs; students should demonstrate the knowledge, attitude, and positive habits that are needed to be healthy individuals; students should be responsible for their own physical and emotional well-being; students should be responsible for the completion of transition activities that are relevant to and support their career, life, and learning goals; students should interpret, evaluate, and express data in everyday language; fewer notes; more creative approaches; use hands to learn; and do not interact with the subject.

Keywords: work immersion, knowledge, skill development

Impacts of Having Work Immersion Subject on Helping Grade 12 Students in Bestlink College of the Philippines to Find Job After Graduation

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Abstract

Work Immersion is one of the most required subjects for all Grade 12 students. This will make sure that the student's abilities and skills are suitable in different works they may apply to. All applicants must be able to apply and demonstrate all the work immersion procedures for them to become flexible in all work aspects. The researchers want to know the impact of having work immersion on finding a job after graduation. A quantitative descriptive method was used as the research design for the study. This study utilized a purposive sampling to select Grade 12 General Academic Strand students as respondents. The summary table showed that with the weighted means of 4.14 for male respondents and 4.24 for female respondents, both groups strongly agreed that Work Immersion helps Grade 12 students in finding a job after graduation. In terms of skills, with the weighted means of 3.84 for male respondents and 1.85 for female respondents, both groups strongly agreed that Work Immersion helps Grade 12 students in finding a job after graduation. In terms of work ethics, with the weighted means of 4.20 for male respondents and 4.26 for female respondents, both groups strongly agreed that Work Immersion helps Grade 12 students in finding a job after graduation. With the overall weighted means of 4.06 for male respondents and 4.11 for female respondents, both groups strongly agreed that knowledge, skills, work, and ethics have impacts on helping Grade 12 students find a job after graduation. Based on the findings of the study, the following guidelines were forwarded. Having a Work Immersion subject has an impact on students because it helps them get a job in the future. Another group of respondents confirmed the veracity of the study to become familiar with the workplace for environment simulation. To apply their competencies in the area of specialization/applied subject in an authentic work environment, students should enhance their technical knowledge and skills and develop good work habits, attitudes, application, and respect for work. The school management should also create flexible Work Immersion arrangements for their students.

Keywords: work immersion, job hunting

Factors Affecting English Communication Skills of Grade 11 Students in Bestlink College of the Philippines

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Abstract

The English competency of the Philippines is considered to be one of the greatest assets that made Filipinos known and recognized as a global workforce attracting foreign investors, which contributes to the growing economy of the country. English communication will always be the most useful skill of every educated Filipino because it is already embedded in our culture, history, and identity as a bilingual nation. However, a recent study states that the English competency of Filipinos declined in the past years. This research involved 30 Grade 11 students. A descriptive method was used, and a questionnaire was given to gather data from the respondents consisting of their profiles; the factors affecting English communication skills; and how the factors affect their daily conversational skills, written tasks, and public speaking skills. The majority of the respondents are females aged 17 years old from Humanities and Social Sciences Strand. The most significant factor was the medium of communication in which the practice of the language is observed daily. The respondents' preference of which language to use as Filipinos are naturally bilingual. Therefore, the advantage and disadvantages of this situation significantly affect the fluency of students. Media influences the learners as they consume most of their time on social networking platforms, such as Facebook, where the proficiency of the English language is not given that much importance; slang and colloquialism have become the norm nowadays. Students are uncomfortable spoken English because of MTB, where primary learners are taught by using their MT thereby having difficulty in translating terms to English, which also leads to lacking ideas for creative writing. Communication becomes effective when a communicator is competent and has a broad understanding of the language. English competency provides a better opportunity in the corporate world and other fields. Family should help promote language development at home through a habitual study guided by parents. Curriculum developers should develop a curriculum that will meet the needs of diverse backgrounds and levels of English language learners and provide the most appropriate instructional material and approach for diverse learners to cope up with global competencies. A strong connection should be established between teachers and students to ease the learning process. Lastly, the use of social media should be maximized by creating an online platform that will serve as an extension of learning.

Keywords: MTB, competencies

Effectiveness of Using PowerPoint Presentation in Teaching Research Subject of Selected Grade 12 Students in Bestlink College of the Philippines

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Abstract

The purpose of this study was to identify the effectiveness of using PowerPoint presentations in teaching the Research subject. We are living in a computer age where everything is on the computer, and everyone is using it every step of the way. Students learned that Research is a hard subject, especially before the use of computers. PowerPoint makes the subject easier to understand. It is now easy for the students to understand and present research without using hard material to present it. Those who use PowerPoint are not only the students but also the teachers, professors, and mentors. Because of technology, studying the Research subject is possible and attainable. Quantitative research was used as the research design for the study. We utilized purposive sampling to gather respondents who assessed the effectiveness of using PowerPoint presentations in terms of motivation, visualization, and guide. The study used a survey questionnaire administered by the researchers to gather data from the two groups of respondents. The results showed that PowerPoint presentation has an impact in teaching the Research subject in terms of motivation, with the weighted means of 4.36 for male respondents and 4.16 for female respondents, both of which were interpreted as strongly agree. In terms of visualization, with the weighted means of 4.21 for male respondents and 4.17 for female respondents, both had a verbal interpretation of strongly agree. With the weighted means of 4.05 for male respondents and 4.12 for female respondents, both groups strongly agreed that PowerPoint is a guide in teaching the Research subject of selected Grade 12 students. With the overall weighted means of 4.20 for male respondents and 4.15 for female respondents, both groups strongly agreed that PowerPoint presentation is effective in terms of motivation, visualization, and guide. The subsequent discussions forwarded by the two groups of respondents are the following: teachers should present a video clip or show some pictures that are connected to your topic, use animation effect, use attractive background, use simple words and quotation marks for better comprehension, make the presentation clear, use simple font style (e.g., Times New Roman), not use contrasting colors for your background and style, present the topic in a slow pace, do the presentation step by step, and interact with the students.

Keywords: effectiveness, PowerPoint

Effects of K-12 Program on Academic Achievements of Selected Grade 12 General Academic Strand Students at Bestlink College of the Philippines

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Abstract

The K-12 Educational System is additional years to the secondary level. This research contains information about the K-12 curriculum, which means the present four years in high school. The poor quality of basic education is reflected in the low achievement scores of Filipino students because students do not get adequate instructional time or tasks. The main aim of this study was to determine the effects of the K-12 program on the academic achievements of selected Grade 12 General Academic Strand students in Bestlink College of the Philippines, S.Y. 2019–2020. The study used quantitative descriptive research design that will elaborate on the recommendations to be taken to determine the effects of the K-12 program. Purposive sampling was utilized to choose 50 General Academic Strand students to assess the effects of the K-12 program on the academic achievements of the students. The results showed that K-12 program has an effect on the academic achievements of students in terms of knowledge with the weighted means of 2.88 for male respondents and 3.71 for female respondents, both of which had a verbal interpretation of strongly agree. The K-12 program has an impact on academic achievements in terms of performance skills, with the weighted means of 3.13 for male respondents, with the verbal interpretation of agree, and 3.74 for female respondents, with the verbal interpretation of strongly agree. In terms of attitude, with the weighted mean of 3.31 for male respondents and 3.41 for female respondents, both groups agreed that it has an impact on academic achievement. With the overall weighted mean of 3.11 for male respondents, with the verbal interpretation of agree, and 3.41 for female respondents, with the verbal interpretation of strongly agree, K-12 program has effects on the academic achievements of the students in terms of their knowledge, performance skills, and attitude. Based on the findings of the study and the conclusions that were drawn, the following recommendations were forwarded: provide effective training and an ongoing learning and support system; be fully prepared, updated, and organized; and take time to develop your skills and cooperate to your groups during activity.

Keywords: K-12 program, academic achievements

Effects of Technology on Employability of 4th Year Students at Bestlink College of the Philippines: An Emerging Guide

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Abstract

Technology is everywhere. Computers are used in almost everything in everyday life. Students understand the physical world around them and the concepts of technology programs. Students need to learn the traditional way of doing things and activities. Young generations start to use computers at a very young age, and they are maturing in a world of instant answers and satisfaction. Technology has several impacts on the lives of people, but several downsides cannot be abandoned at present. The researchers sought answers to the following questions: 1. How can technology be described in terms of 1.1 objectives and 1.2 procedure to become technology literate? 2. How does technology affect the employability of students at Bestlink College of the Philippines Bulacan? 3. What are the effects of technology on students in terms of 3.1 positive and 3.2 negative effects? 4.What are the problems met by technology users and how are these addressed? 5. How may the findings can be utilized in designing a guide to encourage more students to utilize technology in learning? This study utilized the descriptive method of research. The results showed that technology aims to improve communications, provide high-effect universal access to students, and understand the coding basics. Technology has a considerable effect on the employability of students in their careers for them to become more efficient in the future. Technology has a high effect in improving the skills of the students, but it is highly effective and can cause addiction if abused. In terms of the problems met by technology users, the first three are students' loss of boundaries with the virtual/online world, exclusion of health issues, and loss of real-world social skills. A guide was formulated with high effect to encourage more students to utilize technology in learning. The researchers recommended the following. The government and institutions should provide seminars to enrich the students' skills in using technology. The institution should provide proper ICT facilities, such as ICT-integrated classrooms and laboratories. The institution should provide proper ICT materials, such as computer units and Internet connections. The students should also be equipped with complete technology in learning. For future researchers, this study may serve as a guide or reference in conducting more research about technology.

Keywords: effects, technology, employability

Assessment on Challenges Encountered of Selected Grade 12 General Academic Strand Students on Math Subject in Bestlink College of the Philippines

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Abstract

Most students have difficulties in Mathematics subjects. It is an alarming observation that Filipino students excel in knowledge but fare considerably low in lessons requiring high-order thinking skills. Mathematics anxiety results in the negative attitude of students and then makes students deficient in solving mathematical problems. It results in poor performance in solving mathematical problems. This study was conducted to know the challenges encountered of selected Grade 12 General Academic Strand students on Mathematics subject. Quantitative descriptive research was used as the research design for the study. This study attempted to collect quantifiable information to be used for statistical analysis of the population sample and utilized a purposive sampling to select 50 General Academic Strand students to assess the challenges they encountered on the Math subject. With the overall weighted means of 4.04 for female respondents and 3.08 for female respondents, both groups strongly agreed that the strategy, textbooks, and classmate behavior are the common factors of the challenges faced by students on the Math subject. Based on the findings of the study and conclusions, the following recommendation was forwarded. In terms of strategy, students must pay attention when their teachers are giving a lesson on the Math subject. Teachers and school administrators must to not only guide the students but also encourage, inspire, and teach them to be active in discussion and motivate them to do some activity regarding in Mathematics subject for them to love it.

Keywords: challenges, Mathematics subject

Challenges Encountered by Grade 12 General Academic Strand Working Students

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Abstract

One of the problems that the students are facing nowadays is the lack of financial support, which forces students to work while studying. This research was conducted to determine the challenges encountered by Grade 12 working students. The researchers used quantitative descriptive research design to measure the quantity or amount, compared it with the result in past research, and attempted to project for a future period. The researcher utilized purposive sampling to choose 50 Grade 12 General Academic Strand students to assess the challenges encountered by working students. For variable 1, with the weighted means of 7.75 for male respondents and 4.0 for female respondents, both groups strongly agreed that the financial aspect is one of the challenges encountered as working students. For variable 2, with the weighted mean of 3.50 for male respondents and 3.04 for female respondents, both groups strongly agreed that time management is one of the challenges encountered by working students. For variable 3, with the weighted mean of 3.59 for male respondents and 3.51 for female respondents, both groups strongly agreed that priorities are one of the challenges encountered by working students. With the overall weighted mean of 3.61 for female respondents, both groups strongly agreed that financial aspects, time management, and priorities are the challenges encountered by working students. Based on the findings of the study, the following recommendations were drawn. The researchers recommended that in terms of the financial aspect, working students should be realistic in managing their financial status. In terms of time management, working students should prioritize their studies over their jobs. Teachers with working students in their class must give special projects to complete their records and give them more time to compile the requirements in school. Hence, working students should handle their finances effectively to support their needs at home and school. Both groups of respondents agreed that working students encountered challenges. Working students must focus on their studies more than their job to get a better job after graduating and maintain their job to supply their needs.

Keywords: working students, challenges

Assessment on Level of Satisfaction in Food and Services by Food Court Owners at Bestlink College of the Philippines

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Abstract

Customer satisfaction plays an important role in a business; not only it is the leading indicator to measure the customer's loyalty and identify unhappy customers, but it is also a key point of differentiation that helps to attract new customers in competitive business environments. Therefore, satisfaction refers to a person's feeling of disappointment resulting from comparing a product's perceived performance relation to his/her expectations. If the performance falls short of expectation, then the customer is dissatisfied. If the performance matches the expectation, then the customer will be satisfied. The researchers conducted this study to assess the level of satisfaction with food and services. The quantitative-descriptive research method was used here. Purposive sampling was utilized to choose 50 General Academic Strand students as respondents. The overall weighted means of all variables were 3.82 for male respondents and 3.97 for female respondents, which had the verbal interpretation of strongly agree. Based on the findings of the study and the conclusions that were drawn, the following recommendations were forwarded to improve the level of satisfaction with foods and services. To improve these foods and services, customers should give different insights and opinions to food owners for them to know what facilities to improve and improve for the cleanliness and grooming of the crew. The following conclusions were drawn. Both groups of respondents strongly agreed on the assessment of food and services by food court owners and assessment of the level of satisfaction on food and services in terms of sanitation, services, and food be maintained.

Keywords: level of satisfaction, foods and services

Assessment on Level of Food Sanitation in Food Court at Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

The main problem is the preparation of food served to students in Bestlink College of the Philippines. Their material is not clean. We chose this topic to give recommendations to the employees and give the main solution to solve the problem. Sanitation systems aim to protect human health by providing a clean environment that will stop the transmission of disease, especially through the fecal-oral route. For example, diarrhea, which is the main cause of malnutrition and stunted growth in children, can be avoided through proper sanitation. Quantitative research was used as the research design for the study. This study utilized purposive sampling to gather respondents who assess the level of food sanitation in terms of preparation, utensils, service crew, and dining area. This study used a survey questionnaire as the instrument conducted by the researcher to gather data from two groups of respondents. The results showed that the overall average composite weighted means of male and female respondents were 3.91 and 4.02, respectively, with the verbal interpretation of strongly agree. With the average weighted means of 3.91 for male respondents and 4.02 for female respondents, both groups of respondents strongly agreed in terms of the preparation, utensils, service crew, and dining area on the level of food sanitation in the food court. This study found out that the employees did not encounter any problem in terms of the level of food sanitation in the food court because it was encountered by students when they eat in the food court. In terms of utensils, this study found out that the utensils should be shared by every student. This study was competent in the assessment and utilized a variety of instructional practices and strategies, which are opportunities for students. Based on the findings of the study, there is an extremely high extent of implementation on the assessment on the level of food sanitation in the food court in terms of preparation, utensils, service crew, and dining area. This study proposed that the implementation of the aforementioned variables should be continuously maintained.

Keywords: assessment, level of food sanitation

Effects of Lecture Method to Teach Mathematics on Academic Performance of Grade 12 General Academic Strand Students in Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

A lecture is the most commonly used method of teachers in teaching; in a lecture, teachers are explaining the topic to the students, with the teachers being active while the students are passive. This study was conducted to know the effects of the lecture method on students. This quantitative research aimed to determine the relationship between male and female respondents in a population. This study used the descriptive method to determine the effects of the lecture method on teaching Mathematics to the students. Purposive sampling was utilized to choose Grade 12 General Academic Strand students to assess the effects of the lecture method in teaching Mathematics. The results of the study showed that with the weighted means of 3.55 for male respondents and 3.72 for female respondents, both groups strongly agreed that written works affected the academic performance of the students by using the lecture method. With the weighted means of 3.64 for male respondents and 3.71 for female respondents, both groups strongly agreed that the lecture method affected the academic performance of the students in terms of performance skills. Lastly, with the computed weighted means of 3.67 for male respondents and 3.84 for female respondents, both groups of respondents strongly agreed that the lecture method affected the academic performance of the students in terms of behavior. With the overall weighted means of 3.62 for male respondents and 3.75 for female respondents, both groups strongly agreed that the lecture method has an effect on the academic performance of the students in terms of the indicated variables. Based on the findings of the study and the conclusions that were drawn, the recommendations are as follow: teachers should choose the lecture method as their teaching strategy in teaching Mathematics to have further and clearer discussions and help the students who have difficulties on the subject of Mathematics.

Keywords: lecture method, academic performance, written works, performance skills, behavior

Working Students: Its Effect on Academic Performance of Education Students in Bestlink College of the Philippines

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Abstract

This study explores the effects of being working students on the academic performance of Education students in Bestlink College of the Philippines, especially different factors that upset their academic performance in school. The descriptive method was used in this research to describe different reasons why students work while studying. This study will give students consciousness about how they are going to deal with these factors as they find it a burden. Working students' work schedule usually do not fit their school schedule; hence, they have difficulty regarding their schedule. Thus, in addition to time, other factors, such as distance, financial aspect, physical aspect, and psychological environment, also affect the students' performance.

Keywords: financial, time management, distance, physical, psychological environment

Impacts of Classroom Ventilation on Academic Performance of Grade 11 Humanities and Social Sciences Strand Students in Bestlink College of the Philippines

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Abstract

Fresh air is not only a basic need; it is an essential human need for survival. Fresh sustains life to people and other living things who need it to stay alive. This research was conducted to assess the impact of classroom ventilation on the academic performance of Grade 11 Humanities and Social Sciences (HUMSS) Strand students. This study also aims to answer why good ventilation of a room is a crucial matter to pay close attention to and how it leads to a more efficient discussion and good academic performance, as well as ensures the health of the students. This study utilized the quantitative-descriptive research method of the design. The participants of the study who answered the survey questionnaire were 80 Grade 11 HUMSS students. The prominent finding of this study was that classroom ventilation has a considerable impact on the academic performance of the students. A well-ventilated classroom contributes to a more productive and better learning environment where students are motivated to perform better and engage more actively in class discussion, which leads to better results overall. To ensure that the classroom climate is in the best condition and that the room is a suitable place for learning, some recommendations were then proposed, as follows: having spacious classrooms, doing regular maintenance, having necessary upgrades, installing windows and additional fans, and gathering feedback from primary users, such as teachers and students.

Keywords: classroom ventilation, academic performance

Benefits of Having Practical Research Subject in Grade 12 General Academic Strand Students in Bestlink College of the Philippines

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Abstract

Many people, especially students, say that practical research is difficult and stressful because of its long methods and process. We want to inform the students that practical research is not that difficult if students work in groups. The benefits of having a Practical Research subject include an increase in public awareness and build knowledge to improve lives and support studies to be globally competitive. It also contributes to our knowledge as the fastest and safest way to find treatment. The quantitative descriptive method was used as the research design for this study. The researchers utilized purposive sampling to select Grade 12 General Academic Strand students to assess the benefits of having a Practical Research subject. The results showed that with the weighted means of 4.17 for male respondents and 4.27 for female respondents, both groups strongly agreed that knowledge has benefits of having a Practical Research subject. With the weighted means of 4.15 for male respondents and 4.28 for female respondents, both groups strongly agreed that having a Practical Research subject has affective benefits for students. With the weighted means of 4.15 for male respondents and 4.20 for female respondents, both groups strongly agreed that the Practical Research subject has psychomotor benefits. With the overall weighted means of 4.15 for male respondents and 4.25 for female respondents, both groups strongly agreed that Practical The research subject has the knowledge, affective, and psychomotor benefits to Grade 12 General Academic Strand students. Based on the findings of the study, the following recommendation was forwarded. Research implications refer to the impact that research may have on future research. Another group of respondents was utilized to confirm the accuracy of the study, relate directly to the aims of the project, indicate the extent to which the aims have been achieved, summarize the key findings outcomes or information in the report acknowledge and limitations, make recommendations for future work, highlight the significance or usefulness of your work, and always address limitations. Experimental results showed that pulsed flow without flow reversal had no significant effect. Further research is recommended to determine the achievable enhancement.

Keywords: practical research, psychomotor

Challenges Encountered on Overcoming Stage Fright

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Abstract

Stage fright is the state of being anxious while on the stage or on a platform. It is a type of anxiety that any individual experiences nowadays. It used to be the first factor affecting the performance of any individual during performance, recital, or even conveying thoughts with people. It is the main cause of failed performances or unexpected mistakes during a performance. Hence, the researchers conducted this study to know the challenges encountered to overcome stage fright. The researchers also want to assess the relevance of the challenges encountered on overcoming the stage fright of selected Grade 12 Performing Arts students in Bestlink College of the Philippines. This research used quantitative research and descriptive method. A survey questionnaire was administered to 50 Grade 12 Performing Arts students who were chosen using purposive sampling. The survey questionnaire was constructed to determine the effects of stage fright on skill development, financial aspect, and academic performance of the students when performing. The findings of the study revealed that Performing Arts students encountered many problems in terms of skill development, with an average composite weighted mean of 3.9 for male respondents and 3.5 for female respondents, which were interpreted as strongly agree. Moreover, students also faced financial problems, with an average composite weighted mean of 3.9 for male respondents and 3.7 for female respondents, which were interpreted as strongly agree. Another problem that was encountered by the students was that related to academic achievement, with the average composite weighted mean of 4.2 for male respondents and 3.8 for female respondents, which were interpreted as strongly agree. However, continuous improvement was proposed to attain the least agreed interpretation of challenges encountered by the Performing Arts students.

Keywords: overcome, stage fright, performing arts

Motivational Factor that Affects Academic Performance in Research Subject of Selected Grade 12 General Academic Strand Students in Bestlink College of the Philippines

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Jomarie Mata
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Abstract

Motivation describes the wants or needs that direct behavior toward a goal. It is an urge to behave or act in a way that will satisfy certain conditions, such as wishes, desires, and goals. The researchers conducted this study to know the motivational factors that affect the academic performance in the Research subject. A quantitative method was used in the study. Using the descriptive design, this study focused on three variables identified on the motivational factors that affect the academic performance in the Research subject, such as output, academic performances, and activities. The researchers used purposive sampling to select the respondents. Data were gathered by distributing questionnaires to the target respondents. Based on the findings, with the weighted means of 4.07 for male respondents and 3.97 for female respondents, both groups strongly agreed that motivational factor has an impact on academic performance. With the weighted means of 4.08 for male respondents and 3.95 for female respondents, both groups strongly agreed that motivational factors affected activities. With the weighted means of 3.91 for male respondents and 3.9 for female respondents, both groups strongly agreed that motivational factors have impacts on output. With the overall weighted mean of 4.02 for male respondents and 3.94 for female respondents, the results showed that motivation has an impact on motivational factors that affect the academic performance of students in the Research subject. The action plan forwarded by the two groups of respondents was the following: the resources should be available, it should be relevant to the lesson, and it should be easier to understand.

Keywords: motivational

Effects of Improving Grade 12 Students' ABC Personality on their Work Immersion Performance: An Assessment

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Abstract

One of the goals of the K-12 Basic Education Program is to develop the competencies, work ethics, and values relevant to pursuing further education and/or joining the world of work in students. To achieve greater congruence between basic education and the nation's development targets, this research was conducted to determine the effects of the appearance, behavior, and communication (ABC) personality on the Work Immersion performance of the senior high school (SHS) students in Bestlink College of the Philippines. A total of 4 Work Immersion SHS teachers and 50 SHS Work Immersion students of Bestlink College of the Philippines S.Y. 2018–2019 quantitatively assessed the effects of their ABC personalities on their work performance. The two groups of respondents strongly agreed that the ABC skills affect the Work Immersion performances of the students. Proper grooming and professional appearance are important to gain respect in the workplace. The way you look and carry yourself creates an impression on the people you work with. Respondents also strongly agreed that polite behavior toward employees in the workplace creates a pleasant work environment. Negative attitudes cause misunderstandings and differences, which can create a hostile workplace. Workplace communication is extremely important not only to work immersion students but also to companies because it allows productiveness and effective operation. Employees can experience an increase in morale, productivity, and commitment if they can communicate up and down the communication chain in an organization. To achieve the ABC personality of all students, values integration is highly recommended in each subject. Ethics in the workplace should be discussed and explained to teach Work Immersion students about good manners and right conduct in every place and any occasion. English teachers and Personality Development teachers must include life experience activities that will enhance the students' oral and written communication skills. The orientation program is also recommended before students were deployed in their respective workplaces, with topics on appearance, behavior, and communication.

Keywords: Grade 12 student, ABC personality, work immersion performances

Assessment on Level of Effectiveness of Practical Research 1 in Preparing Grade 11 Humanities and Social Sciences Strand Students for Practical Research II in Bestlink College of the Philippines

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Abstract

This study will improve the students' researching skills and learning abilities. These students who are doing research can share the best practices that are important for learners with other researchers. These students become confident in studying, increase their awareness and understanding of their colleagues, and become accountable for their classroom performance and learning, which is one of the most important goals of reflective researching through research. When these students consider their studies and can identify and acknowledge the issues and concerns of their classrooms and their co-students, they become empowered and independent to solve the problems in the school. The researchers used descriptive research to assess the effectiveness of Practical Research 1 in preparing Grade 11 Humanities and Social Sciences (HUMSS) Strand students. The researchers also administered a survey questionnaire to gather information from the students with a Monday-Wednesday-Friday schedule. A random sampling technique was utilized to select 100 HUMSS Strand respondents in Bestlink College of the Philippines. A total of 75 out of 100 Grade 11 students indicated that the level of effectiveness for Practical Research 1 to prepare students for Practical Research II has effects on their academic performance, especially in terms of collaborative works and availability of learning materials because they suffer from this problem. A total of 65 out of 100 Grade 11 students indicated that the research is the most important reason that can affect their comprehension. Meanwhile, the advantage was the main problem of other respondents. The researchers found that the level of effectiveness of Practical Research 1 in preparing Grade 11 HUMSS Strand students for Practical Research II is the main problem of students because other students may have a practical result, which affects their academic performance. The researchers suggested that a research seminar about practical research should be conducted to help the students improve their skills about their topics such as the benefits of research on the academic performance of the students.

Keywords: assessment, effectiveness, practical research

Assessment on Extent of K-12 Implementation in SHS Department of Bestlink College of the Philippines

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Abstract

The Philippines has implemented the K-12 educational system in 2013, and its impact was felt by 2016. Given the opportunity to support and achieve the government's goal in the implementation of the K-12 system, the researchers conducted this study to determine the extent of implementation of the K-12 Basic Education Program in Bestlink College of the Philippines (BCP). The goal of this study was to determine if the Senior High School (SHS) Department of BCP created a functional basic education system that will produce productive and responsible citizens equipped with essential competencies and skills for life-long learning and employment. This study utilized descriptive quantitative research method to measure the extent of implementation of the K-12 Basic Education Program in BCP S.Y. 2018–2019 as assessed by 40 part-time public SHS teachers and 40 full-time SHS teachers of BCP in terms of seven variables, such as vision, mission, goals and objectives (VMGO), instructional program, curriculum, faculty, students' services, facilities, and ministration and governance. The results of this study revealed that the extent of implementation of the K-12 Basic Education Program has no significant difference in terms of vision, mission, goals and objectives, instructional program, curriculum, faculty, students' services, facilities, and administration and governance. This result was ascertained by the overall weighted mean of 4.14, which was interpreted as highly implemented as assessed by part-time public high school teachers, and an overall weighted mean of 4.33, which was interpreted as highly implemented as assessed by full-time BCP SHS teachers. All institutions should offer grade and secondary levels to determine the extent of the implementation of the K-12 Program of their respective Basic Education Program of the Department of Education. The results of the assessments and evaluations of the said program will pave the way to reach the main objectives of the program, that is, to improve Filipino students' skills in Mathematics, Science, and Linguistics to further exhibit competence in the global job market. With the new curriculum, the Department of Education promises to offer higher-quality education through the strands. The implementation of the K-12 program in BCP implies enhancement of the learners' basic skills, produce more competent citizens, and prepare graduates for lifelong learning and employment.

Keywords: implementation, K-12 Basic Education Program

Disadvantages of being Unaware about Plagiarism among Grade 12 Performing Arts Students of Bestlink College of the Philippines: Basis for Proposed Guidelines

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Abstract

Plagiarism is presenting someone else's work or ideas as your own without their consent by incorporating it into your work without full acknowledgment and owning it as your original work. Many of today's generation is not fully oriented to what the disadvantages of being unaware of plagiarism are. Quantitative research was used as the research design for the study. The study utilized purposive sampling to select 50 Grade 12 Performing Arts students as respondents to answer the questionnaire assessing the disadvantages of being unaware of plagiarism among students. The results of the study showed that the assessment of the disadvantages of being unaware of plagiarism in the following variables: academic performance, self-confidence, and skills and talents. With the weighted mean of 4.00 for male respondents and 4.06 for female respondents, both groups strongly agreed that the lack of awareness of plagiarism affects the students' development in terms of academic performance. With the weighted mean of 4.08 for male respondents and 4.05 for female respondents, both groups strongly agreed that the lack of awareness of plagiarism affects the students' development in terms of self-confidence. With the weighted mean of 3.62 for male respondents and 3.66 for female respondents, both groups strongly agreed that the lack of awareness regarding plagiarism affects the students' development in terms of skills and talents. The results of the study showed that the disadvantages of being unaware of plagiarism are highly visible as assessed by 50 Grade 12 Performing Arts students in terms of academic performance, self-confidence, and skills and talents. Therefore, the difference between the assessments of the two groups of respondents is not significant.

Keywords: disadvantages, plagiarism

Challenges Encountered by Grade 12 General Academic Strand Students during Work Immersion: Basis for Proposed Action Plan

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Abstract

Work immersion is a preparation for the real world by training students to work in a company and eventually excel in a specific career. The school should ensure that students will gain various competencies that will be beneficial in the future. The researchers conducted this study to know what are the challenges that students encountered in their work immersion. The researchers used a quantitative descriptive method. The researchers used purposive sampling to meet the criteria. A total of 50 Grade 12 General Academic Strand students were selected as respondents. The results showed that with a weighted mean of 3.87, male respondents strongly agreed that knowledge is one of the challenges in work immersion. With the weighted mean of 4.5, female respondents very strongly agreed that knowledge is one of the challenges in work immersion. In terms of skills, with the weighted means of 4.38 for male respondents and 4.28 for female respondents, both groups of respondents strongly agreed that scale is one of the challenges encountered in work immersion. With the weighted mean of 4.07 for male respondents and 4.32 for female respondents, both groups of respondents strongly agreed that work is one of the challenges in work immersion. With the overall weighted means of 4.10 for male respondents and 4.32 for female respondents, both groups of respondents strongly agreed that development and work ethics are the challenges encountered in work immersion. 1. Based on the findings of the two groups, students encountered challenges in work immersion. 2. The two groups of respondents strongly agreed that having work immersion helps the students improve their knowledge, skill, and work ethics. 3. The findings of the study proved that work immersion is effective in preparing students to become ready for future work. 4. Having immersion in Grade 12 is helpful for students to get started with work 5. Based on the findings of the study, the following action plan can be proposed to overcome the challenges encountered by students in work immersion. 6. The main objective of 'on-the-job training' is to acquaint the students formally with a real-life workplace environment. 7. Immersion students typically develop greater cognitive flexibility.

Keywords: work immersion, work ethics, workplace, challenges

Socio-Economic Status Affecting Academic Performance of Grade 6 Pupils in Bagbag
Elementary School, Quezon City

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Abstract

Education is extremely essential to us. It is an important requirement to survive and succeed in this competitive world. It plays a vital role in shaping individuals to become successful and productive citizens to build a strong nation. Socio-economic status is the social standing or class of an individual or group. It encompasses not only income but also educational attainment of the parents, financial stability, family size, and social class. These are only the common factors that can affect the academic achievement of children. However, socio-economic status is more commonly used to depict an economic difference in society as a whole. Poverty is a huge factor that restricts students to school success. It is a barrier to learning. Poverty reduces a child's readiness for school because it leads to poor physical health and motor skills. At some schools, especially in a public school, some students go to school with an empty stomach without money to buy food, which diminishes a child's ability to concentrate during classes and remember information. The distance of the students' houses from the school also affects their attendance. Some students who live far away from schools have difficulties to go in school because they have no money for the fare. A child's attentiveness and motivation also decrease because of their physical appearance; for example, a child is only wearing a worn-out uniform and slippers because his/her family cannot afford to buy a new one. The purposive sampling method was applied to select 30 Grade 6 students in Bagbag Elementary School as respondents. The study also utilized a descriptive method design in collecting information about the socio-economic status of the respondents. The results showed that several factors affect the academic performance of individuals. These factors include the educational attainment of the parents (most of them are high school graduates only), occupation of the parents (most are not working, especially the mother), and their average monthly income (they can only earn enough to buy their daily needs). Based on the result, most children suffer from insecurities because of their socio-economic status and can create a gap in the student's achievement. Students who belong to low socio-economic status remain behind.

Keywords: socio-economic status, financial stability

Factors Affecting Academic Performance of Selected Grade 12 General Academic Strand Students in Bestlink College of the Philippines

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Abstract

The K-12 program was implemented in the Philippines because it has many advantages and benefits for all senior high school students. This research was conducted to determine the problem and factors affecting the academic performances of selected Grade 12 General Academic Strand students. Many things will be used as a way of looking at the content of this research to identify and assess what the respondents may have encountered in senior high school students. This study used quantitative descriptive research as the research design to elaborate on the recommendations to be taken by the factors affecting academic performances. Purposive sampling was utilized to choose 50 General Academic Strand students to assess the problem in terms of family, teacher, and friends. The results of this study showed that in terms of family, male respondents had an overall weighted mean of 3.8, and female respondents had an overall weighted mean of 3.5, both of which were interpreted as strongly agree. In terms of teachers, male respondents had an overall weighted mean of approximately 3.6, and female respondents had an overall weighted mean of approximately 3.8, both of which were interpreted as strongly agree. In terms of a broken family, male respondents had an overall weighted mean of 3.8, and female respondents had an overall weighted mean of 3.5, both of which were interpreted as strongly agree. Based on the findings of the study and the conclusion drawn, the student shall not conserve hope from parents to find a way to consistently go to school. Students should also avoid students that may be bad influences on academics. Most students should consider that we have high expectations as students, which is good. However, they should not let their high expectations limit what they can accomplish. If you have a problem, and you are not sure how you can resolve it all, then ask. Do not give up. Students should be taught studying skills to help them cultivate good and effective studying skills. Parents should improve the level of control and care of their children and show more interest and concern in academic work. Parents and teachers should maintain a warm and good relationship with their children and students irrespective of gender differences.

Keywords: students, problem, study

Effectiveness of Teacher's Teaching Strategies on Academic Performance of Selected Grade 12 General Academic Strand Students in Bestlink College of the Philippines

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Abstract

This discussion focused on the impact of effective teaching strategies on the student's academic performance and learning outcome, along with the researcher's own experiences. A teacher plays a vital role within few hours in the classroom by delivering the daily specific planned content, which is a part of the curriculum for a specific grade. The teacher plans out the content and uses effective strategies to teach. Teachers must have a passion for learning and teaching to understand the needs and interests of the students. The main aim of this study was to determine the effects of the teachers' teaching strategies on the academic performance of selected Grade 12 General Academic Strand students in Bestlink College of the Philippines, S.Y. 2019–2020. The study used a quantitative descriptive research design. The results of this study showed that the effects of the teachers' teaching strategies on the academic performance of the students in terms of attention had a weighted mean of 3.5 for male respondents with the verbal interpretation of highly effective and 4.25 for female respondents with the verbal interpretation of highly effective. In terms of motivation, the weighted means were 3.83 for male respondents with the verbal interpretation of highly effective and 4.27 for female respondents with the verbal interpretation of highly effective. In terms of class participation, the weighted means were 3.71 for male respondents and 4.2 for female respondents, both of which had a verbal interpretation of highly effective. With the overall weighted means of 3.68 for male respondents with the verbal interpretation of highly effective and 4.24 for female respondents with the verbal interpretation of highly effective, both groups agreed regarding the effects on the academic performance of the students in terms of attention, motivation, and class participation. Based on the findings of the study and the conclusions that were drawn, the following recommendations were forwarded: provide a good quality of teaching, be a good role model to the students, enhance the skills of the students, do an activity before the start of the class, cooperate in every activity, be responsible as students, do all activities or performance, listen to your teacher while he/she discussing, respect your teachers inside your classroom, and do all activities that your teacher gives you.

Keywords: teaching strategies, academic performance

EDUCATIONAL MANAGEMENT

Effects of Being Classroom Officers on Academic Performance of HUMSS Strand Students in Bestlink College of the Philippines: Basis for a Proposed Intervention Program

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Abstract

This study talked about how students perform their responsibilities to lead a class. This study also described a mayor-vice mayor situation. While doing their responsibilities as class officers, students need to do be responsible in their class. Class officers keep their classrooms running smoothly for the whole class to have good interactions/communication. The researchers used a descriptive research method to determine the effects of being class officers on the students' academic performance in Bestlink College of the Philippines. The researchers recommended the following. Student classroom officers should assist their class advisers to maintain the discipline of the whole class. The time for class and time for responsibilities should be separated. The problems encountered by class officers in terms of management included finishing their activities on time to prevent hassle or rush or separate class hour and their duties. The benefits of class officers included the appreciation from families of their classmates. The researchers concluded that their perceptions and what they observed was the same. The researchers recommended the effects of being class officers on their academic performance in Bestlink College of the Philippines. This proposed intervention program should improve the class officers' responsibilities, especially in terms of strategies, time management, and family for their assigned jobs.

Keywords: classroom officers, academic performance

Factors that Affect Student's Decision in Choosing College Courses in Bestlink College of the Philippines

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Abstract

In today's generation, many students are undecided in choosing college courses, especially senior high school students. Choosing a college course is one of the most important decisions you will make in your life. Many of the students are still confused about choosing the right courses that they will take in college. The researchers used qualitative methods and descriptive designs to analyze and interpret data. The instrument used in this study was a survey questionnaire, which was administered to 100 respondents from Humanities and Social Sciences Strand. The respondents were systematically chosen using a random sampling technique. The results showed that the factors that affect the students' decision in choosing their college course included academic performance (with the composite means of 4.73 for female respondents and 4.09 for male respondents), parents' decision (with the composite averages of 4.08 for female respondents and 4.12 for male respondents), financial aspect (with the composite averages of 4.05 for female respondents and 4.23 for male respondents), skills (with the composite averages of 3.96 for female respondents and 4.07 for male respondents), and geographical location (with the composite averages of 3.82 for female respondents and 3.90 for male respondents). In making decisions, students should know the factors that can affect their choice of a college course. Students should know about their strengths and weaknesses to guide them on what course they want to take up in college. The parents should also help, guide, and support their children in choosing the right courses for them.

Keywords: student's decision, college courses

Effects of Teacher Classroom Management on Academic Behavior of Selected Grade 12 General Academic Strand Students in Bestlink College of the Philippines

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Abstract

Classroom management refers to the variety of skills and techniques that teachers use to keep the students organized, orderly, focused, attentive, on-task, and academically productive during a class. The major aim of this study was to determine the effects of teacher classroom management on the academic behavior of the selected Grade 12 General Academic Strand students in Bestlink College of the Philippines, S.Y. 2019–2020 in terms of the physical arrangement and discipline. Based on the findings of the study, the following recommendations can be proposed to improve the teacher's classroom management. The study used a quantitative-descriptive method research design that will elaborate on the recommendations to be considered for the implementation of effective classroom management. Purposive sampling was utilized to choose 50 General Academic Strand students. The results of this study showed that the classroom management of a teacher affected the academic behavior of students in terms of the physical arrangement and discipline. In terms of the physical arrangement, male respondents had a composite weighted mean of 3.65, and female respondents got a composite weighted of 3.97, in which both respondents had a verbal interpretation of strongly agree. In terms of discipline, male respondents got the composite weighted mean of 4, while female respondents got a composite weighted mean of 3.97, both of which had the verbal interpretation of strongly agreed. Male respondents had an overall average weighted mean of 3.82, and female respondents had an overall weighted mean of 3.97, both of which had the verbal interpretation of strongly agree. Based on the findings of the study and the conclusion drawn, the following recommendations were forwarded: conduct a parallel study to ascertain the implementation of the classroom management of the teacher to the selected Grade 12 General Academic Strand student of Bestlink College of the Philippines. Another group of respondents was involved to confirm the veracity of the results of this study, conduct another study utilizing another area of concern (i.e., teacher's strategies), and identify the personality type and learning style of each student to fit the approach that they would have implementing rules for the class to follow.

Keywords: classroom management, academic behavior, physical arrangement, discipline

Levels of Effectiveness of Work Immersion in Academic Development of Selected Grade 12 GAS Students in Bestlink College of the Philippines

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Abstract

Work immersion is a key subject in the senior high school (SHS) curriculum that may be conducted in different ways and time frames as needed by SHS students. This subject provides learners opportunities to familiarize themselves with the workplace, stimulate employment, and apply their competencies in areas of specialization/applied subjects in an authentic work environment. SHS students have to immerse themselves in a workplace that is related to their field of specialization to enhance their competencies. Quantitative descriptive method was used because this study mainly investigated the level of effectiveness of the work immersion in the academic development of selected Grade 12 General Academic Strand students in Bestlink College of the Philippines. Purposive sampling was utilized to choose 50 Grade 12 General Academic Strand students to assess the level of effectiveness of the work immersion in the academic development of students. Based on the summary, with the weighted means of 3.95 for male respondents (with the verbal interpretation of strongly agree) and 4.51 for female respondents (with the verbal interpretation of very strongly agree), the results showed that work immersion is effective in acquiring knowledge. With the weighted means of 4.08 for male respondents and 4.17 for female respondents, both groups strongly agreed that work immersion is effective in acquiring skills. With the weighted means of 3.98 for male respondents and 3.95 for female respondents, both groups strongly agreed that work immersion is effective in acquiring academic competencies. With an overweighted mean of 3.98 for male respondents and 3.95 for female respondents both strongly agree that acquiring knowledge, development of skills and improve academic competencies are effective in the academic development of the students. Based on the findings of the study and the conclusion drawn, the following guidelines were forwarded: students can develop their knowledge by gaining more knowledge, they can be prepared for employment, students can gain new skills, they can improve waiting capabilities, they can develop their oral and verbal communication skills, they will be the guide in making right decisions, they can enhance their technical skills, they can improve their time management, they can develop their academic skills through academic development, they can enhance their studying skills, and they can develop their analytical and critical thinking skills.

Keywords: work immersion, academic development

Level of Effectiveness in Teaching Creative Writing as Assessed by Selected Grade 12 General Academic Strand Students in Bestlink College of the Philippines

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Abstract

Creative writing is an artistic expression through the written word that is used to express the writers' ideas and emotions in artistic manners. Creative writing is different from other forms of writing because it uses a language that aims to entertain and captivate the reader. Creative writing is a presentation of information that aims to entertain; it includes fiction, poetry, and drama. Creative writing is beneficial to the student and the teacher because it allows the student to comprehend the discussion thoroughly. Creative writing is free from barriers to express one's feelings and thoughts. The qualitative descriptive method was used because this study mainly investigated the level of effectiveness in teaching creative writing as assessed by selected Grade 12 General Academic Strand students in Bestlink College of the Philippines. Purposive sampling was utilized to choose Grade 12 General Academic Strand students as respondents. The results showed that with the weighted means of 3.82 for male respondents and 4.06 for female respondents, respondents agreed that creative writing is effective in acquiring the delivery of the lesson. Summary. With the weighted means of 4.01 for male respondents and 4.08 for female respondents, both groups strongly agreed that creative writing is effective in acquiring types of activities. With the weighted means of 3.77 for male respondents and 4.05 for female respondents, both groups strongly agreed that creative writing is effective in acquiring teaching strategies. With the overall weighted means of 3.7 for male respondents and 4.05 for female respondents, both groups strongly agreed that acquiring knowledge, developing skills, and improved academic competencies are effective in the academic development of the students. While the general goal of a graduate program in creative writing is to nurture and expedite the development of a literary artist, the goal of an undergraduate program is mainly to develop a well-rounded student in the liberal arts and humanities who develops general expertise in literature, that is, in critical reading and persuasive writing.

Keywords: development, literary artist

Benefits of Three-Day Schedule in Senior High School Department of Bestlink College of the Philippines

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Abstract

The benefit of going to school three days a week is that it offers teachers and students an additional day of rest every week. More rest results in dealing with less stress over the school year. Students feel less pressure because they have more time to study on their place at home, especially in the later grade. Shifting to this schedule does have certain disadvantages, especially for the working parents of young students. This study was conducted to determine the benefits of a three-day schedule in senior high school (SHS). The quantitative-descriptive research method was used to collect quantifiable information to be used for statistical analysis of the population sample. The researchers utilized purposive sampling to select 50 General Academic Strand students as respondents to assess the benefits of a three-day schedule in SHS. The results showed that with the weighted means of 3.92 for male respondents and 3.83 for female respondents, both groups strongly agree that the family aspect is one of the benefits of a three-day schedule. With the weighted mean of 4.15 for male respondents and 3.94 for female respondents, both groups strongly agreed that the physical aspect is one of the benefits of a three-day schedule. With the weighted means of 3.9 for male respondents and 3.90 for female respondents, both groups strongly agreed that the financial aspect is one of the benefits of a three-day schedule. With the overall weighted means of 3.99 for male respondents and 3.90 for female respondents, both groups strongly agreed that family, physical, and financial aspects are the benefits of a three-day schedule in SHS. Based on the findings of the study and the conclusions that were drawn, the following recommendations were drawn. In terms of the family aspect, students can spend more time with family and friends, they can use their free time to do household chores, and they can do activities unrelated to school works. In terms of the financial aspect, students can save money to be used for other things. In terms of the physical aspect, students can use their time to rest and recover from all the work they have done.

Keywords: whole day schedule, benefits

Disadvantages of being Unaware of Plagiarism among Grade 12 Performing Arts Students of Bestlink College of the Philippines: Basis for Proposed Guidelines

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Abstract

Plagiarism is presenting someone else's work or ideas as your own without their consent by incorporating it into your work without full acknowledgment and owning it as your original work. Many of today's generation is not fully oriented of what is the disadvantages of being unaware of plagiarism. Quantitative research was used as the research design in the study based on numeric figures or numbers, and the descriptive method was used to describe the characteristic of a specific population. The study utilized purposive sampling to select 50 Grade 12 Performing Arts students to answer a questionnaire prepared by the researchers in assessing the disadvantages of being unaware of plagiarism among students. The results of the study are the following. The variables of the disadvantages of being unaware of plagiarism are academic performance, self-confidence, and skills and talents. The respondents strongly agreed that the lack of awareness of plagiarism affects the students' development in terms of academic performance, with a weighted mean of 4 for male respondents and 4.06 for female respondents. The respondents strongly agreed that the lack of awareness of plagiarism affects the students' development in terms of self-confidence, with a weighted mean of 4.08 for male respondents and 4.05 for female respondents. The respondents strongly agreed that the lack of awareness of plagiarism affects the students' development in terms of skills and talents, with a weighted mean of 3.62 for male respondents and 3.66 for female respondents. The researchers concluded that the difference between the assessments of the two groups of respondents is not significant.

Keywords: disadvantages, plagiarism

Effectiveness of 2-Hour Class Session in Academic Performance of Selected Grade 12 HUMSS Strand Students: Basis for Proposed Action Plan

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Abstract

This study focused on the effect of 2-hour class sessions on the academic performance of selected Grade 12 Humanities and Social Sciences (HUMSS) Strand students as the basis for a proposed action plan. This study aimed to answer what is the effect of a 2-hour class session on Grade 12 Humanities and Social Sciences (HUMSS) Strand students and how it affects this aspect. Grade 12 students may get hurt by such policy and receive poorer education because of their tiredness by the time or hours of class. This study used the descriptive method. The best qualifiers were respondents who often experience the effectiveness of a 2 h class session on their academic performance. A total of 90 students from the MWF schedule answered the questionnaire. The results showed that students feel tired and lazy, and they may receive a poorer education due to the productivity of the teacher. The average composite weighted mean was 3.82. The researchers concluded that most of the students getting tired on listen to the teachers because of the 2-hour class sessions and some Grade 12 HUMSS Strand students may receive poor education due to the productivity of the teachers. The teachers need to give some energizers for the students to decrease the number of students who are tired and lazy to listen.

Keywords: session, academic, performance

Time Management: Its Impact on Academic Performance of Selected Grade 12 Students in Bestlink College of the Philippines

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Abstract

One of the problems of the General Academic Strand students in Bestlink College of the Philippines is how to manage their time, which causes lower grades and low academic performance. The researchers conducted this study to determine time management. Quantitative research was used in the research design for the study. The researchers also utilized population sampling to selected respondents who assessed the impact of time management in terms of attendance, setting priorities, and submission of activities/projects. The study used an instrument survey questionnaire conducted by the researchers to gather data from the two groups of respondents. The results showed that attendance obtained the overall weighted means of 3.44 for male respondents and 3.40 for female respondents, both of which have a verbal interpretation of agree. Setting priorities obtained the overall weighted mean of 3.25 for male respondents, with the verbal interpretation of agree, and 3.72 for female respondents, with the verbal interpretation of strongly agree. Submission of the activities/projects obtained the overall weighted means of 3.28 for male respondents, with the verbal interpretation of agree, and 3.62 for female respondents, with the verbal interpretation of strongly agree. The results of the study in terms of attendance, setting priorities, and submission of activities/projects are highly acceptable as assessed by 50 General Academic Strand students of Bestlink College of the Philippines. The subsequent discussions forwarded by the two groups of respondents are as follows: attendance classes, do the most important task first, and do the task as early as possible. The researchers need to focus on giving more relative advice on how to manage the time accordingly.

Keywords: time management, impact, academic performance

ENGINEERING

Proposed Study on Use of High-Density Polyethylene Wastes as additive in Concrete Bricks

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Abstract

One of the major plastic producers in Asia is the Philippines. High-density polyethylene (HDPE) is one of the major pollutants and can be seen from the land to the ocean. Concrete, however, is present everywhere you go from the roads, to the skies, and the seas. The researchers of this study had an idea to add HDPE to plastics to its extent to widen the plastic recycling opportunity nationwide. The quantitative research method was used as the research design for the study while using the experimental research method to gather the result through a machine in determining the bricks' compressive strength, water absorption, and moisture content. A 300 Series Electromechanical Universal Testing Machine was used to determine the compressive strength of the bricks, while a discrete observation and manual submersion of the bricks were used to determine its water absorption and moisture content. The results showed that with the increase in HDPE content in concrete, compressive strength decreases over time. The first treatment passed the recommended psi of standard concrete. The second treatment lies between the average psi, and the last barely hands on the minimum requirement. The amount of water absorbed and the moisture content of the bricks lies between the making of the concrete brick. The brick should be as perfect as possible to reduce the number of air pockets and holes to prevent water from seeping through. Based on the results, the difference between the ASTM C129 standard and the HDPE brick was significant, but the difference between and among the structure of the concrete bricks was not significant given that it has different treatments. The problems encountered by the researchers did not hinder the construction of the experiment. The suggestions and recommendations given by the engineers are essential to further improve the concrete. A 20% HDPE concrete brick is significantly better than the standard non-load-bearing brick. The HDPE content should be minimized to increase the compressive strength and remediate the process of making the bricks to decrease the percentage of water absorption and moisture content. The bricks should exceed the standard ASTM C129 of 500 psi and should not fall below 500 psi. The amount of HDPE content in the concrete brick should vary and should not be fractionalized but randomized. The plastic should be gathered beforehand, and possible sources and sponsorships for the HDPE wastes and plastic shredders should be found to reduce the production cost as much as possible.

Keywords: bricks, HDPE, recycling, engineering, concrete, plastic, recycle, compressive strength, water absorption, moisture content

Renovation of Police Station in Sitio Barugo, Camarin, Caloocan City

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Abstract

A police station is a building that serves to accommodate police officers and other staff. Renovation is a restoring process or remodeling structure to improve an old structure, damaged, and outdated structure. The renovated Sitio Matarik, Barugo, Camarin, Caloocan City Police station will be a care center and office space for the police officers and the criminal or suspect. The research method utilized in this study was a quantitative-experimental research design. The respondents of the study were 5 professional civil engineers and 14 4th Year Architecture Students of Bulacan State University to test the significant differences in the level of acceptability of the project in terms of construction materials, procedural methodology, renovated area, and actual project design. First, we made an underground and found a box to hide the underground; then, we created the first floor, second floor, and roof. The results showed that the assessment of the Civil Engineers was highly acceptable with a variance of 0.026675, a t-computed value of 0.66, and a degree of freedom of 8 with a value of 2.587. The t-computed value was lesser than the t-critical value. Therefore, the assessment of the 4th year Architecture students is rejected. Meanwhile, the acquired overall weighted mean of the 4th year Architecture students was highly acceptable with a variance of 0.031531, a t-computed value of 0.66, and a degree of freedom of 8 with a value of 2.587. The t-computed value was less than the t-critical value. Therefore, the assessment of the civil engineers is rejected. This result indicated that the difference between the assessment of the two groups of respondents on the level of acceptability of the Police Station Renovation Model in terms of construction materials, procedural methodology, renovated area, and actual project design was significant. For further improvement of this project, the following recommendations were forwarded. The researchers should assess the profile of the respondents, such as their socio-economic status. The project base research should also use code, and the researchers must follow the professional's suggestions to make a successful model construction. The researchers need to manage their time, conduct a financial plan for the project, obtain enough tools for the project, and apply all the recommendations and suggestions.

Keywords: renovation, police station

Whirlpool Turbine in Wawa Dam as Electricity Producer

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Abstract

Whirlpool Turbine is a low-pressure turbine with a submersible generator fitted inside it that generates electricity that is sufficient to power up to 60 houses 24/7 without harming nature and aquatic life. It is said to be placed in Wawa Dam, Rodriguez Rizal because it is a tourist attraction; thus, they need to acquire more electricity, and it is running water. The research method design utilized in this study was quantitative analysis. The participants of the study who answered the questionnaire were five professional electrical engineers and five 5th-year Mechanical Engineering students to test the significant differences in the level of acceptability of Whirlpool Turbine in terms of construction material, procedural methodology, durability, electricity production, and model structure by using t-test at the level of significance of $=0.01$ and degree freedom of 8. The findings of the study showed that in terms of construction materials, procedural methodology, durability, electricity production, and model structure are highly acceptable. The difference between the assessment of two groups of respondents on the level of acceptability of Whirlpool Turbine in Wawa dam as electricity producer in terms of construction materials, procedural methodology, durability, electricity production, and model structure was significant. Both recommendations/suggestions of the two groups of respondents are necessary to improve the quality of Whirlpool Turbine. The recommendations can be forwarded to improve the project, such as providing the effectiveness of the product. The researchers must show measurements in terms of the materials used in the products. To show the stability of the product, the researchers must show data and result for the respondents to agree with the indicators. To show the unique product, the researchers must try something new or different that can also sustain electricity aside from hydropower.

Keywords: whirlpool turbine, electricity producer

Developing of Candle Lighting Battery Charger by Using Thermoelectric Generator

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Abstract

Since the beginning of 1992, the Philippines has been experiencing daily brownout as a result of power shortages. One logical solution to this major problem is to look for nonconventional sources of energy. Battery cells provide a source of power when electricity is not available. Due to high demands, commercial batteries have become expensive. The purpose of this project was to look for ways to develop a cheaper alternative power, namely, a candle lighting battery charger, by using a thermoelectric generator (TEG) as an alternative source of electricity. This study utilized a quantitative experimental research design to test significant difference between the two groups of respondents and between the volts potential in every temperature level (hot and cold) from the candle lighting battery charger by using TEG and to assess the level of acceptability of a developing candle lighting battery charger by using TEG in terms of longevity/life span, volt potential, temperature levels (hot or cold temperature), mechanism, and capacity voltage presentation. The experiment was conducted by doing the following procedures. Prepare all the materials needed. Prepare a can and hold the aluminum plate to absorb heat from candles. To make stands, use bolts and knots between two the cans at a distance of 4 in. Clean the cans by sanding this by using sandpaper. Remove labels with hot water. Drill 18x3=54x6mm holes. Use a file to reduce sharp edges. Heat the can outside by using a candle. Use fine sandpaper or steel wool. Put the bolts into the holes of the aluminum plate and lock it with knots. Put knots again on the bolt. Then, the other aluminum plate should be placed on the top of the knots and lock it again with another knot. Then, place a thermal paste on the top of the aluminum plate and place a TEG. Assemble the electronics. Connect the two cables on the TEG to the USB charging module. Using a soldering iron, screw the cables to the terminal block. Lastly, test the voltage output by a voltmeter at every temperature. The prominent findings of this study are as follows. Electrical engineers very highly accepted the candle lighting battery charger, while the 5th-year Mechanical Engineering students highly accepted the project. The relationship between the volts potential in every temperature level (hot and cold) from the candle lighting battery charger by using TEG was significant. The difference between the assessment of the two groups of respondents on the level of acceptability of candle lighting battery charger by using the TEG in terms of the aforementioned variables was significant. The suggestions forwarded by the two groups of respondents are as follows; use copper, heat sink instead of tin cans to be used on top of TEG and columns for heat balance, refer to different voltages of TEG to add a voltage higher than 5 V, focus on the mechanism for better functioning, add voltage or use another TEG higher than 5 V, and be consistent on some materials and design for a better appearance of the project.

Keywords: battery charger, thermoelectric generator

Effectiveness of Vacuum Eraser for Chalk Dust Removal

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Abstract

Rags are one of the traditional erasers to erase chalks on blackboards. When students and teachers use this, few students and teachers suffer from skin allergies and asthma. A vacuum eraser is available to prevent chalk dust allergies and asthma. This study aimed to study the students and teachers to help them teach with no problem. Quantitative research was used as the research design for the study, while purposive sampling was used to select respondents. Given that asthma and allergies are caused by chalk dust that can probably threaten the health of an individual, especially students and teachers, the use of a manually made propeller is inappropriate to create a vacuum eraser that can easily suck up chalk dust completely. Thus, the researchers replaced the manually made propeller with a build-in propeller that can work properly and can be used for easy collection of chalk dust. In terms of the body, the use of plywood was more preferable instead of illustration board because for the body to become presentable and durable. Having allergies and asthma has never been good for those students that use chalks to write on blackboards. Having an eraser that can help lessen the flow of chalk dust that can be easily used is important. Using 6 as length, 3 in as width, and 2 in as its height will make the eraser extremely large. The researchers changed the size of the vacuum eraser to the length of 6 in, a width of 2.5 in, and a height of 2 in to become handy according to the recommendations of the respondents.

Keywords: triple j have good end

Proposed Super Bridge-Tunnel Plan Connecting from Batangas to Mindoro

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Abstract

Most problems that the passengers encountered in traveling from Batangas to Mindoro and vice versa are time management, long distance, and expenses when traveling or boarding on a ferry boat. Hence, the researchers conducted this study to solve these problems by proposing this project. The proposed bridge-tunnel called the Batangas to Mindoro Super Bridge-Tunnel will be the first bridge-tunnel in the Philippines, with a length of 15 km. This study determined the level of acceptability of the project in terms of construction materials, durability, procedures and designs, safeness, and presentation. Quantitative-experimental research was used as the research design for the study, and purposive sampling was utilized to select five civil engineers, five electrical engineers, and five architects to assess the level of acceptability of the Batangas to Mindoro Super Bridge-Tunnel Miniature. This study also utilized a questionnaire to determine whether the proposed project is acceptable in terms of construction materials, durability, procedures and designs, safeness, and presentation. Using the statistical tools used in this study, which are frequency and percentage, weighted mean, and F-test, the result in terms of construction materials, durability, procedures and designs, safeness, and presentation was highly acceptable for civil engineers (3.6), highly acceptable for electrical engineers (3.67), and acceptable for architects (3.11). This result indicated no significant difference between and among the assessments of the three groups of respondents in terms of the aforementioned variables. The F-tabular value was at $\propto=0.01$ and the F-computed value was 6.93. The overall assessment of the three groups of respondents on the Super Bridge-Tunnel was acceptable. The suggestions//recommendations discussed by the three groups of respondents are as follows: use AD mixture for cement, sand, and gravel mixing; all the construction materials should be inspected by a registered material engineer; refer to different laws, design guidelines, and construction codes that apply the miniature; and pay more time to the procedures and designs for a better appearance. The suggestions forwarded by the respondents should be applied to improve the project.

Keywords: proposed super bridge-tunnel plan

Proposed Model of Vertical-lift Bridge as Water Vehicle Passage: Innovation of Manuel Roxas Bridge, Binondo, Manila

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Abstract

Bridges are useful in society but also restrict water vehicles to pass through. Private vehicle owners are near the area, and the anchorage is only limited to the bay. The study of constructing a vertical-lift bridge will be undertaken at Manuel Roxas bridge in Binondo, Manila. The project will solve the aforementioned problem because it will allow water vehicles to pass through. This project aimed to determine the level of acceptability of a vertical-lift bridge in terms of construction materials, procedures and design, lifting mechanism, and presentation. The researchers used a quantitative-experimental design and utilized a purposive sampling technique to select 5 civil engineers and 20 5th-year Mechanical Engineering students of Bulacan State University as respondents. The researchers used statistical tools such as frequency and percentage, weighted mean, and t-test to answer specific problems. The following procedures were undertaken in making the model: get the proportions and measurements of the model; design the floor plan; prepare all the materials; construct the fixed section, lift span, tower of the bridge, column and footing, and the counterweights; set up the pulley mechanism; assemble the mechanism and counterweights; add additional details; undergo the operation of the model. The assessment of the vertical-lift bridge model was highly acceptable in terms of the aforementioned variables as assessed by civil engineers (3.50) and 5th-Year Mechanical Engineering students (3.50). This result indicated no significant difference between the assessments of the two groups of respondents on the level of acceptability of the model in terms of the aforementioned variables, with a variance of 0.13. Meanwhile, 5th-year Mechanical Engineering students obtained an overall weighted mean of 4.07, which was interpreted as highly acceptable with the variance of 0.56, a t-computed value of 1.64, and a degree of freedom 23 with the value of 2.50. The t-computed value was less than the t-critical value. Therefore, the overall assessment is highly acceptable. For further improvement of the proposed vertical-lift bridge, the respondents recommended focusing on the measurements and mechanism of the model. The two groups of respondents agreed that the model should conform to the standard design of bridges. The proponents should have managed their time wisely.

Keywords: proposed model, vertical-lift bridge, water vehicle passage, innovation

Philippine Modern Houses Resilient from Earthquake Damages

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Abstract

The Philippines nowadays has become more vulnerable to the risk of an earthquake, which can result in infrastructure collision that can lead to severe physical and emotional injuries or even death. An earthquake-resistant house model has been developed as a solution to the aforementioned problem. Earthquake-resistant houses are structures that can withstand the sudden movement of the ground produced by an earthquake. The purpose of the study was to minimize the casualties and damages caused by an earthquake. This study utilized a quantitative experimental research design and used purposive sampling to select five civil engineers, give mechanical engineers, and five architects as respondents to assess the level of acceptability of the proposed Philippine modern houses that are resilient from earthquake damages. Materials used, the template of the floor plan, and the initiation of the process was performed to construct the earthquake-resistant house model. Using a questionnaire, the researchers conducted a survey to determine whether the project is acceptable. The result of the study in terms of construction materials, procedural methodology, mechanism, stability/durability, and presentation was moderately acceptable. The degree of freedom between groups was 2, while that within groups was 12, with the total of 14. The sum of squares between groups obtained 111.24, while that within groups obtained 111.13, with a total sum of squares of 222.37. The F-variance $\propto=0.01$ of between groups and within groups obtained 6.93. The f-computed value of the between groups and within groups was 6.01. The F-variance value was greater than the F-computed one. Therefore, the remarks of the between groups and within groups are to accept Ho. This result indicated that the difference between and among the assessment of the three groups of respondents in the level of acceptability of the earthquake-resistant house model in terms of construction of materials, procedural methodology, mechanism, stability/durability, and the presentation was not significant. The recommendations of the three groups of respondents are as follows: use cement for the house instead of cardboard, present structural design for the basis of evaluation, the base isolation system should have some reported stiffness in terms of force over length, scale model should be the proper replica of the actual model, and each part should be affixed properly.

Keywords: Philippines, modern houses, resilient, earthquake damages

Feasibility of Cable Car as Alternative Transportation from Tandang Sora to Bagumbayan, Bulacan

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Abstract

Traffic is one of the major problems in the Philippines especially during rush hours in urban areas, which causes inconvenience and delay on rendezvous. One of the solutions that the government proposed to lessen the traffic congestion is putting up a cable car system as an alternative way of transportation. Therefore, the researchers decided to take a cable car miniature to determine its capability. Quantitative-experimental research was mainly used by the researchers as a research design for conducting the said study and utilized purposive sampling to select by 5 electrical engineers and 15 Civil Engineering students of Bulacan State University to assess the level of acceptability of the cable car miniature in terms of materials used, procedural methodology, seating capacity, feasibility, remoteness, mechanism, and presentation. A survey questionnaire was used in the study to collect data from the two groups of respondents. Materials used, the template of the floorplan, and the execution of the procedures was performed to construct the cable car miniature. The result of this study was acceptable. Therefore, the difference between the assessments of the two groups of respondents in terms of the aforementioned variables is not significant. Engineers obtained an overall weighted mean of 2.83, which was interpreted as acceptable with a variance of 0.2446, while Civil Engineering students obtained an overall weighted mean of 2.72, which was interpreted as acceptable with a variance of 0.0702. Both groups of respondents had a t-computed value of 0.0458 and a degree of freedom of 18, with a value of 2.681. The t-computed value was greater than the t-critical one. As a result, the assessments of the group of respondents are acceptable. The following are the results and conclusion of the two groups of respondents: focus on constructing and further developing the mechanisms; use batteries/power sources that can maintain the appropriate speed of the cable car and run other mechanisms that are presented on the miniature; and refer to different designs, laws guidelines, and construction codes that apply to the miniature.

Keywords: feasibility, cable car, alternative transportation

All-in-One Vending Machine

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Abstract

Vending Machine is a machine that can automatically vend different products according to the user's demands. it is a machine that uses digital and mechanical energy or mechanisms uses actuators to dispense items such as medicines, food products, passes, and licenses to users without manpower. This study was conducted to make an innovation of commonly used vending machines in the market. This study aimed to convert a common vending machine to an all-in-one vending machine that contains not only snacks but also first aid kits, wipes, and hygienic items. Quantitative-experimental research was used to gather relevant data and determine the significant difference between the assessments of the two groups of respondents, that is, 5th-year Electrical Engineering students and professional mechanical engineers on the level of acceptability of the all-in-one vending machine in terms of availability of materials; mechanisms such as first aid kits, snacks, wipes, and sanitizer; durability; and capacity. To make the all-in-one vending machine, the first thing to do is sketch the design. Afterward, all the measured materials of the all-in-one vending machine should be assembled. Then, make the walls and their coin slide with cardboards and use a wire to make an auger. Lastly, prepare and engage the DC motor with its electrical wiring. The assessment on the level of acceptability of the all-in-one vending machine was acceptable for mechanical engineers and 5th-year Electrical Engineering students in terms of the aforementioned variables. The acquired overall mean of the professional mechanical engineers was 3.40, with a variance of 0.03, a t-computed mean of 1.33, and a degree of freedom of 17, with a value of 2.567. The t-computed value was greater than the t-critical one. Therefore, the assessment of professional mechanical engineers is acceptable. This result indicated no significant differences between the assessment of the two groups of respondents. For further improvement of this project, the respondents recommended the following. In terms of the availability of materials, some respondents suggested using recyclable materials instead of rj45 wires. In terms of mechanisms, some respondents suggested using a small plastic pouch for the items to fit in its chamber. In terms of durability, some respondents suggested using thicker and new cardboard to enhance its hardness. In terms of capacity, some of the respondents suggested putting more chambers for more choices.

Keywords: vending machine

Renovation of Market in Bagong Silang Phase 1 Caloocan City

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Abstract

One of the problems in the Philippines is the congested, dirty, and messy market that results in overcrowded markets because of the large number of people. It also results in traffic. Thus, the researchers constructed a convenient, clean, and improved miniature of the market in Bagong Silang Phase 1 Caloocan City to determine its acceptability. Quantitative research was used as the research design for the study, and purposive sampling and simple random sampling techniques were utilized to select five civil engineers and 4th-year Architecture students of Bulacan State University as respondents who assessed the level of acceptability of renovated market miniature in terms of construction materials, procedural methodology, renovated area, and actual project design. The study used a survey questionnaire to gather data from the two groups of respondents. The results of the study in terms of construction materials, procedural methodology, renovated area, and actual project design was highly acceptable. Therefore, the difference between the assessments of two groups of respondents in terms of the cited variables is not significant. Civil engineers obtained an overall weighted mean of 4.24, which was interpreted as highly acceptable with a variance of 0.0004. Meanwhile, Architecture students obtained an overall weighted mean of 4.28, which was interpreted as highly acceptable with a variance of 0.003. Both groups of respondents had the t-computed value of 0.125 and degree of freedom of 17 with a value of 2.567. The t-computed value was greater than the t-critical one. Therefore, the assessments of the two groups of respondents are acceptable. The subsequent discussion forwarded by the two groups of respondents are as follows: use thicker and new cardboard to enhance its hardness and improve the appearance and improve the design of the miniature to improve the appearance. The researchers should pay more attention to constructing the renovated market miniature for a better appearance.

Keywords: renovation, market

Trackless Train from Valenzuela to Guiguinto, Bulacan: A Proposal Study

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Abstract

A trackless train is a rail-less train for urban passenger transport that can run across the road by using wheels, fuel, and batteries. It can carry a large number of passengers to their destinations and have its lane to avoid traffic unlike a bus or any vehicle that overtakes the road and can cause heavy traffic during rush hour. Therefore, the researchers developed a product that commuters can ride from Valenzuela to Guiguinto Bulacan without experiencing traffic jams and inconvenience. This study utilized the quantitative-experimental research design. The respondents of the study were five civil engineers and five mechanical engineers to test the significant differences in the level of acceptability of trackless train miniature in terms of construction materials, seating capacity, structural design, mechanism, and project design. In the construction of the miniature, the general procedures are as follows: provide the accurate measurements and dimensions of the trackless train miniature, make the vehicle plan as a guide for the construction, prepare and make sure that all the materials that will be used are durable and firm, prepare the cardboard and make the desired structure of the train, arrange the DC motors with its electrical and batteries, attach the DC motors in the structured cardboard train, make the road and platform of the train out of cardboard, attach the small bulbs for the ceiling of the miniature train stations, paint it with the roads and train, and design the small details on the stations to complete the miniature of the trackless train. The results of the study in terms of construction materials, seating capacity, structural design, mechanism, and project design were acceptable. Therefore, the difference between the assessments of the two groups of respondents is not significant. Civil engineers obtained an overall weighted mean of 2.70, which was interpreted as acceptable with a variance of 0.0141, a t-computed of 2.55, and a degree of freedom of 8 with the value of 2.896. The t-critical value was greater than the t-computed one. Therefore, the assessments of civil engineers are accepted. Meanwhile, mechanical engineers obtained an overall weighted mean of 2.97, which was interpreted as acceptable with a variance of 0.0419, a t-computed value of 2.55, and a degree of freedom of 8 with the value of 2.896. The t-critical value was greater than the t-computed one. Therefore, the assessments of mechanical engineers are Accepted. As a result, the assessment of two groups of respondents is accepted. The respondents recommended the following: use other light and hard materials instead of thin cardboard to improve the appearance of the station miniature; change and add more seats to fit the maximum person and to be presentable, make the trackless train miniature wide for better appearance inside the train with the use of stronger boards, allot more time to the mechanism of the train for better functioning and make use of lighter batteries and DC motor, be consistent and rely on the specific measurements, and add more details to the station for safety measures.

Blu-Ton Tunnel As Public Road from Blumentritt to Tondo, Manila

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Abstract

Traffic congestion, which is mostly caused by market trades and daily appointments, has become a major problem in the Philippines. Many solutions have been proposed, but none has succeeded to lighten the heavy roads. Tunnels and bridges seemed to be a necessary way to make a path to success. This research was conducted to solve the problem of traffic. Although the authorities are trying to find a way to ease the traffic in Manila, this study preferred to build and develop a miniature of the Blu-Ton tunnel to determine the level of acceptability. Quantitative-experimental research was used as the research design for this study, and purposive sampling was utilized to select civil and electrical engineers as respondents. The instrument used was the questionnaire to determine whether the proposed project is acceptable in terms of construction materials, procedural methodology, project design, environmental safeness, and transport availability. The results of the study in terms of construction materials, procedural methodology, project design, environmental safeness, and transport availability were highly acceptable. This result indicated that the difference between the assessments of the two groups of respondents in terms of the cited variables was not significant. Civil engineers obtained an overall weighted mean of 3.92, which was interpreted as highly acceptable with the variance of 0.024, while electrical engineers obtained an overall weighted mean of 3.82, which was interpreted as highly acceptable with a variance of 0.0539. Both groups of respondents had a t-computed of 0.8561 and a degree of freedom of 13 with the value of 3.365. The t-computed value was lesser than the t-critical one. As a result, the assessments of the two groups of respondents are accepted. The respondents recommended the following: use more durable materials that are suitable for walls and columns of the miniature, use more guidelines and measurements that are intact and constant to the project, use illustration board for roads to be more presentable, make the tunnel more effective against hazards and disasters that may make the tunnel useless, and add more lightings and drainage systems to make it more available for transportation.

Keywords: Blu-Ton tunnel, public road

Automatic Feeding and Watering System Project for Chicken

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Abstract

The automatic feeding and watering system is for chicken farmers. This project helps to feed and water chicken automatically and conserve electric power that can be powered by solar energy or battery. It is also easy to use because it can be enabled by a person. This project was also designed to make a new machine for farmers that can be used in large-scale farming that cannot afford to feed all chicken fast and avoid consuming time. This new machine should be easy to operate whether by a child or an old man. This study utilized a quantitative-experimental research design. The respondents of this study were five mechanical engineers and five electrical engineers who assessed the level of acceptability of the automatic feeding and watering system Project for chickens in terms of construction materials, procedures, methodology, water pipe's stability, space, cage capacity, and overall project design to construct this project. The following procedures were followed: place the DC motors and electrical wiring with batteries set up plywood and use it to make a platform. The results of the study in terms of construction materials, procedures, methodology, water pipe stability, and overall project design were highly acceptable. The space cage capacity was acceptable. Hence, the difference between the two groups of respondents was significant. Electrical engineers obtained an overall weighted mean of 3.48, which was interpreted as highly acceptable, with a variance of 0.2612. Meanwhile, mechanical engineers obtained the overall weighted mean of 3.77, which was interpreted as highly acceptable with the variance of 1.1101. Electrical engineers obtained the t-computed value of 1.43 and a degree of 13 with the value of 1.112, while mechanical engineers had a t-computed value of 1.65 and a degree of 13 with the value of 1.124. The t-computed value was greater than the t-critical value. Therefore, the project is acceptable. The respondents recommended the following: use a small wire to less consume battery, use a transparent and small pipe, use the exact measurement during the start of the construction, and cut the plywood then paint it. The respondents suggested expanding the length and width of the cage house to have a large space inside the project and paint it. The respondents also suggested arranging all wires to avoid knots and use a food container with a lock to avoid the food from falling from the container.

Keywords: automatic feeding, watering system, chicken

Vertichute as Alternative Emergency Exit in Residential Building

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Abstract

Vertichute is a type of slide but in a vertical position that is used for the emergency exit when conventional fire escape stairways are impractical. An escape tube is a special kind of emergency exit that is used where conventional fire escape stairways are impractical. The chute is a fabric (or occasionally metal) tube installed near a special exit on an upper floor or roof of a building. It can be used by an individual who a proper training on using this chute and for those persons that are physically healthy and are 18–30 years old. This will lessen the number of persons who will use the conventional emergency exit and will avoid a stampede. Hence, the researchers develop this vertichute as an emergency exit in residential buildings. This study used an experimental research design to explain and evaluate the research project. The respondents of the study were five civil engineers and five National Disaster Risk Reduction and Management Council (NDRRMC) members who assessed the level of acceptability of a vertichute miniature in terms of materials used, methods and procedures, durability, mechanism, and project demonstration. In the construction of the project, the general procedures are as follows: design an accurate measurement of the floor plan, prepare all the materials needed to construct the project, get the dimension of the building with the vertichute with the right measurements, apply the process of making vertichute slide out of a condom, perform the design of the building out of cardboards, install the vertichute on the respective area on the building, and design small details on the miniature to make it more attractive and presentable. The results of this study in terms of materials used, methods and procedures, durability, mechanism, and project demonstration were acceptable. This result indicated that the difference between the assessments of the two groups of respondents in terms of the cited variables was not significant. Civil engineers obtained an overall weighted mean of 2.90, which was interpreted as acceptable with the variance of 0.073842, while the NDRRMC members obtained an overall weighted mean of 2.72, which was interpreted as acceptable with the variance of 0.05488. Both groups of respondents obtained a t-computed value of 1.1204 and a degree of freedom of 8 with the value of 2.89645. The t-computed value was larger than the t-critical one. As a result, the assessments of the two groups of respondents are accepted. Based on the conclusions that were drawn, the following recommendations were forwarded. In the appropriation of using materials used, the respondents recommended using plywood as the base of the project. for project demonstration, put a vertichute on every side of the building for better exits. The two groups of respondents agreed that the project needs to refer to different laws, design guidelines, and construction codes that apply to the miniature. This project should have paid more time to the mechanism for higher-quality functions. The researchers should apply the recommendations forwarded by the respondents to improve the project. Further improvement of the study will be helpful for future researches.

Keywords: vertichute, emergency exit

Metro Garden: A Designed Landscape around Mapua Street, Santa Cruz, Manila

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Abstract

Approximately 0.15 thousand to 2.05 million are unemployed in the Philippines according to the Trading Economics of the Philippines. Metro Garden will help decrease the unemployment rate by giving people an opportunity to have a job that may support their needs. The purpose of the study was to decrease the number of unemployed people by establishing Metro Garden. This study used quantitative-experimental research methods to assess the acceptability of Metro Garden. The respondents were 5 civil/electronic engineers and 20 4th-year Architecture students of the University of the East Caloocan. Using a questionnaire, the researchers surveyed the respondents to determine whether the proposed project is acceptable in terms of materials used, light system, water irrigation, and structural design. The procedures followed in the projects are as follows: establish the desired dimension and measurements of the miniature of Metro Garden, prepare all the construction materials and set aside properly to avoid damages, execute the process of making the first floor of the Metro Garden, prepare the plywood that will serve as the base of the second floor, create vegetable beds and bench for the garden and then put it to their designated places according to the floor plan, set up a drip irrigation system, arrange the light system with its electrical wirings and batteries, decorate the Metro Garden miniature with pebbles and flowers, and cover the garden with fiberglass as a roof and main wall of the second floor. The miniature was highly acceptable in terms of materials used, light system, water irrigation, and structural design. This result indicated that the difference between the assessment of the two groups of respondents in terms of the cited variables was not significant. Electronic/civil engineers obtained an overall weighted mean of 4.22, which was interpreted as highly acceptable with the variance of 12.7, while Architecture students obtained an overall weighted mean of 4.38, which was interpreted as highly acceptable with a variance of 193.10. Both groups of respondents obtained the t-computed value of 0.36 and a degree of freedom of 23 with the value of 2.500. The t-computed value was less than the t-critical value. As a result, the assessments of the two groups of respondents are accepted. The respondents recommended the following: use more suitable materials to improve the Metro Garden Miniature, install an automatic on/off switch and use a circular type of light system to can lighten up the entire garden, install an irrigation system on the ground floor and set up a timer for more convenient irrigation system, change the marble design because it is inappropriate for the project, and add windows for safety purposes and proper ventilation of the building.

Keywords: Metro Garden

Folding Container House with Light Pipe as Alternative Home for People

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Abstract

One of the problems here in the Philippines is that people do not have any permanent home, especially the homeless and victims of the calamity, although the government is already working to give an alternative home for people. This study aimed to construct a miniature of a folding container house with a light pipe to determine its level of acceptability in terms of construction materials, procedural methodology, durability, lifting ability, and overall project demonstration. Quantitative-experimental research was used as the research design of the study, and purposive sampling was utilized to select respondents. A questionnaire was also utilized to survey five civil engineers and five electrical engineers. To construct the miniature, the following procedures were followed: make the established template measurement, choose the construction materials, make the miniature process of the following container house, prepare the solar panel and the LED lights with the electrical wirings, create the design of the container house, design the base and assemble the solar panel with it, and fold the container into the flatform. The miniature in terms of construction materials, procedural methodology, durability, lifting ability, and overall project demonstration was highly acceptable. This result indicated that the difference between the assessments of the two groups of respondents in terms of the cited variables was not significant. Civil engineers obtained an overall weighted mean of 3.47, which was interpreted as acceptable with the variance 0.012416, while electrical engineers obtained an overall weighted mean of 4.02, which was interpreted as highly Acceptable with a variance of 0.106624. Both groups of respondents had the t-computed value of -0.09 and a degree of freedom of 8 with the value of 2.89646. The t-computed value was greater than the t-critical value. Hence, the assessments of the two groups of respondents are accepted. The respondents recommended the following: use a flat iron instead of paint, improve the wirings, apply more hinges to ensure the stability of the container, make another door for the emergency exit, take more time in constructing the folding container house, and improve the wirings.

Keywords: folding container house, light pipe, alternative home, people

Wheelchair Escalator

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Abstract

The technologies are upgrading, but the are some problems that researchers are not paying attention to in terms of people with disability that are on a wheelchair. Because of their condition, some establishments' observation is not necessary. Therefore, this study was conducted to solve this problem. The researchers improved the benefits of the escalator not only for the normal people but also for the people with disability that are carried by a wheelchair. The research method utilized in this study was experimental research. The respondents of the study were 5 electrical engineers and 11 4th-year Mechanical Engineering students of St. John College to test the significant differences in the level of acceptability of the product in terms of materials used, procedural methodology, mechanism, capacity voltage, speed, and presentation. The following procedures were followed: make a sketch of the escalator plan to make sure that all parts of your escalator are guided., prepare all materials and equipment to start the procedures, draw all parts on the cardboard guided by your sketch to make it a real model, cut the body part of your escalator design in the cardboard by using a cutter, assemble the body of the escalator guided by your design sketch to make sure that the size is correct, make a mechanical movement guided by your sketch, make a chain by using the bearings to all steps in your escalator to guide the stairs and make a cycle, cut a stair in your cardboard, put in the chain you made and make sure the stairs and the chain you are the same size, and use batteries to give power on the dynamo and put it in the chain to see your escalator plan is work. Based on the gathered data, electrical engineers obtained an overall weighted mean of 3.10, which was interpreted as acceptable with a variance of 0.015, while 4th-year Mechanical Engineering students obtained an overall weighted mean of 2.98, which was interpreted as acceptable with a variance of 0.008. Both groups of respondents obtained a t-computed value of 3.00 and a degree of freedom of 14 with the value of 2.977. The t-computed value was greater than the t-critical value. Hence, the assessments of the two groups of respondents are acceptable. This result indicated that the difference between the assessments of electrical engineers and 4th-year Mechanical Engineering students was not significant. For further improvement of this project, the respondents recommended using expensive materials for durability. In terms of the procedure, the respondents relayed the method by doing the project and the measure guided by the floor plan. Lastly, in terms of capacity voltage, the respondents recommended using a 9 V battery for lasting effect.

Keywords: disability, wheelchair, escalator

Barangay Outpost Renovation in Bagong Silang, Caloocan City

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Abstract

Barangay serves as a local community service, providing space for permanent and temporary services. Renovation is a restoring process or remodeling structure that makes a new structure to improve an old, damaged, and outdated structure. The barangay outpost will be renovated to become a care center and office space for barangay officials. Its new model will have a medical center, detention room, and an office, which is different from a normal Barangay outpost. The quantitative-experimental research method was mainly used as a research design for conducting this project, and purposive sampling was used to select 5 civil engineers and 14 4th-year Architecture students of Bulacan State University as respondents in assessing the level of acceptability of the renovated barangay outpost miniature in terms of materials used, procedures, methodology, construction of the project, renovated area, and presentation. To create our miniature, all materials needed should be prepared, and then the new floor plan should be done. The miniature in terms of materials used, procedural methodology, construction of the project, renovated area, and presentation was acceptable. Therefore, the difference between the assessments of the two groups of respondents is significant. The obtained overall weighted mean of civil engineers was 4.46, with the variance of 0.0176, a t-computed value of 1.081, and a degree of freedom of 17, with the t-critical value of 2.567. The t-computed value was less than the t-critical one, Therefore, the remarks of the electrical engineer are rejected. Meanwhile, the obtained overall weighted mean of the Architecture students was 4.54, with the variance of 0.0295, a t-computed value of 1.081, and a degree of freedom of 17 with the value of 2.567. The t-computed value was less than the t-critical one. Therefore, the remarks of civil engineering students are rejected. The respondents recommended the following to improve the miniature: focus on constructing and further development of the renovated area, use batteries/power sources that can maintain the appropriate power of the light and run another mechanism that is presented on the miniature, and refer to different designs, laws guidelines, and construction of area that apply to the miniature.

Keywords: barangay outpost, renovation

Proposed Elevated Pathway Along EDSA

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Abstract

The Philippines is currently experiencing heavy traffic situations nowadays, particularly in EDSA. The problem of heavy traffic in our country has a considerable effect on our economy and individuals. The heavy traffic in EDSA, especially on the sidewalks, may result in dangerous accidents and people's exposure to climate change. The researchers conducted this study to propose an elevated pathway that will provide alternative sidewalks. This elevated pathway will be connected to malls, existing footbridges, and LRT/MRT stations. Quantitative experimental research was mainly used as a research design for conducting the study, and purposive sampling was utilized to select 5 civil engineers and 14 5th-year Electrical Engineering students of St. John Technological College of the Philippines as respondents who assessed the level of acceptability of the elevated pathway miniature in terms of materials used, wirings installation, measurability, procedures and designs, and accessibility. A questionnaire was constructed by the researchers to collect the data from two groups of respondents to answer the level of acceptability of the project. The elevated footbridge miniature was highly acceptable in terms of materials used, wirings installation, measurability, procedures and designs, and accessibility. Therefore, the difference between the assessments of the two groups of respondents is significant. Civil engineers obtained an overall weighted mean of 3.59, which was interpreted as highly acceptable, with a variance of 0.15. Meanwhile, the 5th-year Electrical Engineering students obtained an overall weighted mean of 3.89, which was interpreted as highly acceptable with a variance of 0.01. Both groups of respondents obtained a t-computed value of 3 and a degree of 17, with a value of 2.567. The t-computed value was greater than the t-critical value. Therefore, the assessments of the two groups of respondents are highly acceptable. For further improvement of this project, the respondents recommended that the project should focus on the electrical materials and the compatibility of the project, connect directly to the outlet as the source of the power of the lights instead of using batteries, and refer to standard measurements and construction.

Keywords: elevated, pathway, along EDSA

Proposed Structure of Eco-Green Building with Health Facilities and Public Spaces in Timberland Heights, San Mateo, Rizal

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Abstract

Buildings for malls, hospitals, schools, and offices have specific usage. Malls are for shopping and dining at fancy restaurants and fast-food chains. Hospital is where people who are sick or injured are given medical care. Offices are for people who work with a degree. A proposed structure of the Eco-Green Building with health facilities and public spaces can be all in one. This study utilized quantitative-experimental research methods of design. This study also utilized a questionnaire to the level of acceptability of the miniature of Eco Green Building with health facilities and public spaces in terms of construction materials, procedural methodology, structural designs, eco-friendliness in health facilities and public spaces, and overall project demonstration. Purposive sampling was utilized in this study to select 5 civil engineers and 10 4th-year Environmental Engineering students. The results showed that civil engineers obtained an overall weighted mean of 3.67, which was interpreted as highly acceptable, while 4th-year Environmental Engineering students obtained an overall weighted mean of 3.80, which was interpreted as highly acceptable. The difference between the assessments of the two groups of respondents in terms of construction materials, procedural methodology, structural designs, eco-friendliness of health facilities and public spaces, and overall project demonstration, was significant. The t-computed value was 2.0339, and the t-critical value was 2.650. Therefore, the Eco Green Building miniature with health facilities and public spaces is accepted. The respondents recommended using eco-friendly paint that absorbs dust, use light-colored paint, add more trees; and add some flowers for further improvement of this project.

Keywords: proposed structure, eco-green building, health facilities, public spaces

Dish Detergent from Calamansi (*Citrofortunella microcarpa*), Orange Fruit (*Citrus reticulata*), and Tangerine (*Citrus tangerina*) Extracts

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Abstract

Nowadays, people are becoming conscious about the food they eat and the kitchen utensils that they use, especially those people who have an allergy and sensitive immune system. Given that health is extremely important, we need to assure that the food and kitchen utensils are safe and clean. Considering that some of us cannot afford expensive detergent, the researchers decided to make an alternative cheaper product but more effective than any other dishwashing liquid we used every day. Calamansi is loaded with essential vitamins and minerals. Orange is high in vitamin C and prevents skin damage. Lastly, tangerine acts as an antifungal and antiseptic ingredient and improves the appearance of the skin. About the safety of products, the researchers use organic ingredients, such as calamansi, orange, and tangerine extracts, virgin coconut oil, fragrance oil, and castor oil. We ensure that it goes through the right and proper process and procedure and it has no chemical contents. Thus, the customer is assured about the safeness of this product. The effectiveness of this dish detergent made of calamansi, orange, and tangerine extracts is crucial in so many ways. Moreover, its price is remarkably low. An efficient and much cheaper product is the most reliable answer for the problems that people encounter. The researchers also aimed to create a unique and quality product that serves as our trademark by removing the waxes in the fruits and regenerating and reconstructing the damaged tissue of the vegetable to ensure their freshness. Quantitative research was used as the research design for the study, and purposive sampling was used to select dishwashers and STEM Science teachers of Bestlink College of the Philippines as respondents who assessed the level of acceptability of this dish detergent. Using a questionnaire, the researchers surveyed the respondents to determine whether the proposed product is acceptable in terms of usability, safety, marketability, and timeliness. The dish detergent was highly acceptable in terms of usability, safety, marketability, and timeliness. This result indicated that the difference between the assessments of the two groups of respondents in terms of the cited variables was significant. Dishwashers obtained an overall weighted mean of 4.6, which was interpreted as very strongly agree with the variance of 0.0326, while the STEM Science teachers in Bestlink College of the Philippines obtained an overall weighted mean of 4.1, which was interpreted as strongly agree with a variance of 0.0403. Both groups of respondents obtained a t-computed value of 3.70 and a degree of freedom of 18 with the value of 2.101. The t-computed value was greater than the t-critical one. Hence, the assessments of the two groups of respondents are accepted. The respondents recommended the following: to improve the project in terms of usability, some respondents suggested making the color more attractive and unique and has not been used by other companies. The cleansing ability of the product should be improved. In terms of safety, the acidic content of the product should be minimized. In terms of marketability, if you pursue your product to the market, then you need to assure that it goes through the right and proper process, and it should be approved by the DTI and FDA. Lastly, in terms of timeliness, always check the availability of the ingredients that you will use to produce your product.

Two-Story Jeepney as Public Transportation

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Abstract

The most common problem of the commuters is the insufficient number of jeepneys. Finding a ride causes considerable hassle and takes a long time, especially for commuters that are in a hurry. The most common problem of public utility jeepneys (PUJs) is heavy traffic jams. Wasting their time in traffic causes a delay of the ride. Hence, because of traffic jams, it is difficult to commute. This study aimed to help the commuters to find a jeepney ride with no hassle to ensure a comfortable and safe ride. This study utilized a quantitative analysis method of research and used a survey questionnaire to select five architects and five Mechanical Engineers as respondents who assessed the level of acceptability of the miniature two-story jeepney in terms of construction materials, procedural methodology, mechanism, seating capacity, and presentation. This study used frequency and percentage, as well as a weighted mean, to sum up the gathered information. The study was assessed to determine the significant difference, with a level of significance of 0.01 and a degree of freedom of 8. The difference between the assessments of the two groups of respondents in terms of the level of acceptability of the two-story jeepney in terms of construction materials, procedural methodology, mechanism, seating capacity, and presentation was not significant. The problems encountered by the researchers have a minimal effect on the construction of the model. The suggestions and recommendations forwarded by the respondents are needed to improve the model. The researchers decided that the model will not be operated by a Dc motor because the model is extremely heavy to operate with a Dc motor. The model will work in a way of pushing because the wheels are functioning. The second deck of the model is detachable to see the inside of the first and second decks.

Keywords: two-story jeepney, proposal

Backyard Housing Cage for Raising, Breeding, and Depasturing Domesticated Pigs and Swine

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Abstract

Backyard housing cage for raising, breeding, and depasturing domesticated pigs and swine refer to any parcel of land devoted to the raising, breeding, depasturing, feeding, or watering of pigs and swine and is generally under the management of a tenant or owner. It also involves one sow and 10 heads or less and is allowed in rural areas only. The housing cage will use natural resources, such as sunlight, airflow, and wind direction, and use as little energy as possible, such as water, electricity, coal, etc. This study was conducted to determine the growth and development of various types of pigs and improve the environment within the backyard housing cage. This study used a quantitative-experimental research design to determine if the difference between the groups of respondents is significant. In terms of construction design, structural development, standard design, design accessibility, and presentation. The results of the project in terms of construction design, structural development, standard design, design accessibility, and presentation were highly acceptable as assessed by structural engineers and 4th-year Agriculture students of De La Salle Araneta University. This result indicated that the difference between the two groups of respondents in terms of the variables cited was not significant. Structural engineers obtained an overall weighted mean of 4.38, which was interpreted as very highly acceptable with the variance of 0.03, a t-computed value of 0.78, and a degree of freedom of 13 with the value of 2.650. The t-computed value was greater than the t-critical value. Therefore, the assessment of structural engineers is Accepted. Meanwhile, 4th-year Agriculture students obtained an overall weighted mean of 4.04, which was interpreted as highly acceptable with the variance of 0.03, a t-computed value of 0.78, and a degree of freedom of 13 with the value of 2.650. The t-computed value was greater than the t-critical value. Therefore, the assessment of the 4th-year Agriculture students is accepted. The respondents recommended the following; strictly arrange the room according to the feeding process, such as breeding house; keep the pig farm away from urban residential areas, schools, and hospitals; make sure that the pig house is located in the upwind direction; make sure that the fattening pig house is located in the downwind direction design terrain to a require high terrain, low groundwater level, open terrain, and good ventilation; and be consistent on some materials and design for a better appearance of the project.

Keywords: backyard housing cage, raising, breeding, pigs, swine

Proposed Miniature of Observatory in Palauig, Zambales

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Abstract

Observatories, institutes, and centers that support major astronomical facilities have, for decades, played a key role in maximizing the scientific return from their facilities and telescopes. An "observatory" is more than simply a telescope or ensemble of telescopes that provide observing opportunities for astronomers. Observatories are at the heart of an institutional capability to do things beyond what is possible for astronomers themselves to do as individuals. Observatories organize and mobilize a range of multidisciplinary skills to achieve a coherent and sustainable capability that is central to modern observational astrophysics. However, many of the activities and roles carried out by the "observatory" organization in the fulfillment of their mission are not fully recognized by policymakers or senior managers and are often not fully understood even within the astronomy community. This study assessed the future opportunities for new facilities. In a challenging budget environment, it is important to be cognizant of what observatories do and the roles they play. Palauig Observatory is a facility for astronomers and students, as well as visitors, and is owned by the government of Zambales. This observatory can be one of the most popular informal education facilities in the Philippines and can be a field trip destination for the students. This observatory can help students in their research and give them knowledge about the things in the space. Civil engineers and astronomers agreed to the proposed Palauig Observatory miniature project. The difference between the assessments of the two groups of respondents in terms of the cited variables was not significant. The problems encountered by the researchers have not been a hindrance in the construction of the miniature. The respondents recommended that the researchers should be more specific in the function of the rooms, should put some specifications such as those of equipment and furniture, and must be consistent on some measurements for a presentable appearance of the miniature.

Keywords: observatory

Miniature of Skyway Fly-Over Marcelo Fernan Bridge in Cebu City, Philippines

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Abstract

This study aimed to construct a miniature of the Skyway Fly-over Bridge to determine the materials to be utilized in constructing the Skyway Fly-over Bridge in terms of length, width, and pressure. This study also aimed to determine the procedures taken to construct the miniature, the experience, and the problems encountered in the process of constructing the Skyway Fly-over Bridge miniature. The findings were utilized as a guide for the successful construction of the Skyway Fly-over Bridge. This study found out that the materials in constructing the bridge are surely working and useful. The researchers conducted a floor plan and a template, which is important for the project. Next, the researchers formulated methods as a guide to the construction of the bridge. After the formulation of the methods, the researchers discussed and used several materials to determine the most suitable material for the project. The chosen materials were used to produce the bridge. When the product was done, the researchers surveyed the respondents using a questionnaire. The respondents included 15 4th-year Engineering students and 15 4th-year Architecture students. The collected data were processed using statistical tools and will be used to answer the statement of the problem. The two groups of respondents assessed the level of acceptability by using the Likert scale and obtained the results in terms of concepts, designs/procedures, feasibility, and overall project demonstration, The weighted means were 4.40 for 4th-year Civil Engineering students and 4.25 for 4th-year Architecture students, both of which were interpreted as highly acceptable. The results stated that the use of the correct material for constructing the miniature achieved the expectation. The data gathered showed that the difference between the assessment of the two groups of respondents in terms of the aforementioned variables was not significant. The study showed that the correct materials can achieve the expectation, such as the toughness and quality of the project. The results of the study also showed that the proper handling of funds, proper methods, and correct floor plans could lead to the success of the project. These findings are also connected to system dynamics as a model-based theory 2008 by Schwaninger and Grosser and to the development of design and theory of bridge structures in modern Japan by Isohata and Kida.

Keywords: innovated bridge

Model of Solar Container Bridge as Alternative Bridge in Caraga River

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Abstract

One of the largest problems in rural areas of the Philippines is not having a proper bridge that can be used in their daily lives, particularly in Davao Oriental. Butay Integrated School is located near the Caraga River. The students of Butay Integrated School are crossing the Caraga river by using a hazardous improvised cable car, which is also known as "salay" to go to school. To solve the aforementioned problem, this study made a model of a solar container bridge that is planned to be located in a place where it is congested and has an enormous number of students that use "salay" as an alternative bridge. The location of the bridge is planned to be in the safest location around the Caraga river. The purpose of this study was to help many people, especially the students of Butay Elementary School, that cross Caraga River by using improvised hazardous cable car that is made of rattan wood and ordinary rope in their everyday life. The results of this study showed that electrical/civil engineers strongly agreed about the model of the solar container as an alternative bridge in the Caraga River. The difference between the assessments of the two groups of respondents in terms of the aforementioned variables was significant. The problems encountered by the researchers did not hinder the construction of the miniature. The respondents recommended the following. Some of the respondents recommended that the researchers should consider the structural stability with computation and improve their layout and detailed design to make the model reliable.

Keywords: bridge, salay, integrated school, river, improvised cable car

'Improvised Curtain Utilizing Old Magazines as Home Decoration

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Abstract

Millennials are hailed as people who embrace modernization and the computerized world system. Most people do not recognize the importance of prolonging our territory by using our imagination and creativity in reality. We can express ourselves by creating signature styles of weaved magazine tubes. Symmetry is something that is the same on both sides. Hanging an elegant piece such as an improvised curtain in your home. We used quantitative research as the research design in this study. The materials we used in our research included five broomsticks, two tubes of glue, two rulers, three red ballpens, three magazines, one bottle of varnish, two brides nylons, and two paintbrushes. The procedures we followed are as follows: use the ruler to draw three lines from the boat and point of these lines, draw other lines to make into a triangle and cut, make a circular motion of the finger using a broomstick and use the glue after, and use a large needle with nylon to curve. Buttons and fully varnished magazine tubes were the content of our survey. A questionnaire was constructed in terms of the concept, structural design, construction materials, and presentation. The concept included originality, functionality, usefulness, and uniqueness. Structural design included aesthetic quality, originality, and cleanliness. Construction material included being economical, durability, availability, and feasibility. The presentation included colorfulness, attractiveness, neatness, and is eye-catching. the respondents of our study were STEM students and teachers. The results showed that the weighted means for STEM students were 10 in terms of concept, 4.5 in terms of structural design (highly acceptable), 4.0 in terms of construction materials, and 4.2 in terms of presentation. The difference between the assessments of STEM students and teachers was not significant, and the model was highly acceptable. This study aimed to develop and evaluate an improvised curtain utilizing old magazines as a home decoration. This study sought to answer the following questions: 1. What is the profile of the STEM students and STEM teachers in terms of 1.1 gender, 1.2 age, and 1.3 highest education attainment? 2. How do STEM students and teachers assessed the level of the acceptability of an improvised curtain utilizing old magazines as home decoration in terms of 2.1 concept, 2.2 structural design, 2.3 construction material, and 2.4 presentation? 3. Is there any significant difference between the assessments of the two groups of respondents in terms of the aforementioned variables?

Keywords: improvised, recycle, old magazines

ENVIRONMENTAL ENGINEERING

Eco Green Residential Apartment: An Eco-Friendly Residential Apartment in Bagumbong, Caloocan City

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Bestlink College of the Philippines

Abstract

Throughout the year, many new residential establishments were built in answer to the rapid population growth in the Philippines. The residential establishment includes individual houses, apartments, and hotels. With the increase in the number of establishments built, energy consumption also increases. One of the problems in the Philippines is the power crisis where most parts of Metro Manila are having a shortage of power or electricity, thereby resulting in power interruptions and brown-outs. To resolve this problem, the ECO Green Apartment will use renewable energy produced by natural sunlight as an alternative to electricity produced by traditional coal power plants. The ECO Green Apartment will also have vegetation throughout its exterior structure design to reduce carbon footprint emission in the atmosphere. If the study succeeds, then it will help to revolutionize the use of renewable resources in the future. This study utilized a quantitative analysis method of research. It also utilized questionnaires to treat the level of acceptability of ECO Green Residential Apartment in terms of construction materials, procedural methodology, structural design, environmental friendliness, and project demonstration. This study was assessed by 5 civil engineers and 15 4th-year Environmental Engineering students. To determine the level of acceptability, the researchers used t-test to test the significance between the assessment of civil engineers and 4th-year Environmental Engineering students at the level of significance of 0.01 and the degree of freedom of 13. The researchers conducted three trials before achieving the final result, and changes had been made to improve the study. The overall weighted means of the study with the two groups of respondents in terms of the aforementioned variables were 3.47 and 3.43 with the verbal interpretation of "acceptable." Therefore, the difference between the assessments of the two groups of respondents in terms of the aforementioned variables is not significant. The ECO Green Residential Apartment Building needs to follow the safety guidelines for constructing buildings and establishments to improve its safety. The respondents suggested developing and putting an automatic watering system for the vegetation in the entire building. The use of metal containers was also discussed to be used in the structure of the building.

Keywords: eco-friendly, residential, apartment

Bamarlacami Insecticide

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Abstract

Most insecticides that are effective for household use are inorganic that tend to be harmful to the user and environment. Recent statistics showed that 75% of households use a form of insecticide, with much of this being used indoors. They are used to kill ants, roaches, mosquitoes, fleas, and tick. Quantitative analysis was the research method of design utilized in this study. The participants of the study were five Chemistry teachers and five Science teachers who assessed the level of acceptability in terms of usefulness, effectiveness, safety, and marketability by using t-test. The distinguished findings of the study in terms of usefulness, effectiveness, safety, and marketability were highly acceptable. The assessment of the two groups of respondents did not have any significant difference in the level of acceptability. The results of the science investigatory project in terms of usefulness, effectiveness, safety, and marketability were highly acceptable as assessed by the science and chemistry teachers of Bestlink College of the Philippines. This result indicated no significant difference between the assessments of the two groups of respondents in terms of the cited variables. wherein science teachers obtained an overall weighted mean of 3.73, which was interpreted as highly acceptable with the variance of 0.932. Meanwhile, chemistry teachers obtained an overall weighted mean of 3.22, which was interpreted as acceptable with the variance of 0.8055; both respondent groups had a t-computed value of 0.93 and degree freedom of 8 with the value of 1.397; the t-computed value was also greater than the t-critical value. Therefore, the assessment of the chemistry teachers is accepted. We decided to make a science investigatory project titled "Bamarlacami Insecticide." At first, we were confused but still decided to start what we planned. Bamarlacami insecticide is composed of five different plants from the mint family. The materials and equipment that were used are not easy to find. Thus, we have no conflict with the materials. While conducting this science investigatory project, we encountered a few difficulties and problems to make this project possible. We made sure that our study will be presentable despite all failures and conflicts we have encountered. We are thankful that our product was good although we are a first-timer.

Keywords: organic, delicious aroma, nepetalactone, lavender, pleasant smell, pyrethrum, marigold, peppermint

Activated Charcoal and Sampaguita Extract as Ingredients for Gel Air Freshener

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Abstract

Sampaguita flower (*Jasminum sambac*) is known for its sweet smell and small white flowers. Because of its captivating fragrance, the extract and oil of this flower are generally extracted and oil to add up to the base of perfumes. In the Philippines, where the Sampaguita flower serves as the National Flower, Sampaguita is generally cultivated in tropical areas where it can thrive and bear its small but sweet flowers. Active charcoal is one of the few advancements the science has founded these days. Due to the component of the charcoal that removes bacteria, especially those that result in bad odor, active charcoal is an advanced type of antibacterial compound that can be an effective tool for disinfection. Quantitative analysis was the research method of design that was utilized in this study. The participants of the study were five chemistry experts and five science teachers who assessed the level of acceptability in terms of usability, safety measure, effectiveness, and competitiveness by using t-test. The obtained overall mean of science teachers was 3.84 with a variance of 0.96, a t-computed value of 0.32, a degree of freedom 8 with a value of 2.306, and a larger t-computed value than the t-critical one. Therefore, the assessment of science teachers is accepted. The obtained overall mean of the science experts was 4.04 with a variance of 1.01, a t-computed value of 0.32, a degree of freedom of 8 with a t-critical value of 2.306, and a t-computed value greater than the t-critical value. Therefore, the assessment of the science experts is accepted. The obtained overall mean of science teachers was 3.84 with a variance of 0.96, a t-computed value of 0.32, a degree of freedom 8 with a value of 2.306, and a t-computed value greater than the t-critical value. Therefore, the assessment of science teachers is accepted. The obtained overall mean of the science experts was 4.04, with a variance of 1.01, a t-computed value of 0.32, and a degree of freedom of 8 with a t-critical value of 2.306. Therefore, the assessment of the science experts is accepted.

Keywords: alternative gel air freshener

Presenting Benefits of Food Waste Decomposition by Using Compost Pile for Grade 12 ABM
Students in Bestlink College of the Philippines

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Abstract

The research was focused on the perception of Grade 12 Accountancy, Business, and Management (ABM) Strand students about the decomposition of food waste by using compost piles that will lessen the food waste in the environment. The study showed the important aspects of the compost pile to Grade 12 ABM students of Bestlink College of the Philippines. The importance of this topic to the environment is that food wastes give nutrients to the soil and plants. Decomposition also prevents air pollution. This topic is also important to the animals because it prevents animal death due to eating food waste unintentionally. The objectives of this research include preventing flooding, decreasing excess trash in the food court, and making fertilizer for the plant. This study aimed to accelerate the process of decomposition of food waste and produce qualify fertilizer products and give nutrients to the soil and plants. The purpose of the study was to prevent animal death. The researchers used the descriptive method and qualitative research. It was concerned with 50 selected respondents from Grade 12 ABM students. Eight variables were considered to determine the perception of Grade 12 ABM students about the decomposition of food waste by using a compost pile. These variables include students' and teachers' health, school environment condition, students, teachers, utilities, community, animals, and environment. Having different diseases and having a bad odor are some of the factors that can affect the improper decomposition of food waste. Meanwhile, students can learn how to decompose food waste properly. The study revealed that the proper decomposition of food waste had a considerable impact on the environment because of its good benefits. The study discovered that every student has prior knowledge about the process of decomposition of food waste by using compost piles.

Keywords: food waste, decomposition

Impacts of Recycling Plastic Cups into Useful Mannequin on Reducing Plastic Waste Pollution among Grade 12 ABM Students in Bestlink College of the Philippines

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Abstract

INTRODUCTION
Plastic cups expert today believes that at least 8 million metric tons of plastic end up in the world's oceans every year. The World Economic Forum said that it is the same as dumping the contents of one garbage truck into the ocean every minute. This project will be occurred in a particular place and at a particular time in Bestlink College of the Philippines. These cups are often used for gatherings where it would be inconvenient to wash dishes afterward. Due to factors such as the location of the number of guests, plastic cups can be used to store most liquid, but the high temperature may melt or warp the material. The researchers' overall purpose of the study was to show the importance of this recycle plastic cups to many people. Nowadays, we might think about what things will be beneficial for us; recycling plastic cups shows how innovative people are.
RESEARCH METHOD
We used the descriptive survey method with a questionnaire, specifically a checklist, as the main tool in gathering the respondent's feedback. This research will assess the use of a mannequin as an alternative plastic cup in food courts and other facilities on BCP.
DISCUSSION
The student strongly agreed that plastic cups creating a mannequin that was wearing a type of senior high uniform to display in Bestlink College of the Philippines. The students strongly agreed that the possible effects of recycling plastic cups were using mannequins instead of discard on the road that causes burns and blockage. The student strongly agreed that recycling plastic cups can reduce plastic waste in the environment. We concluded that the proper waste disposal in Bestlink College of the Philippines campus is to make a schedule or orientation about proper waste disposal in school.

Keywords: inconvenient, mannequin, recycle, innovate

ENVIRONMENTAL HEALTH

Effects of Classroom Environment on Learning Skills Development of Grade 12 HUMSS Strand Students

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Abstract

The classroom environment allows students to perform to their highest potential. The classroom environment has a considerable effect on the students because they spent a large amount of time spent sitting in the classroom. This place is where they will learn the various skills that they should develop and enhance their potential in academics. Many things can affect this environment. Physical elements include wall art, arrangement of desks, or resources that are applied to any classroom because the classroom environment is likely to affect all students. The researchers used quantitative methods and descriptive design to statistically analyze and interpret data. The instrument used in this study was a survey questionnaire with 100 respondents from Humanities and Social Sciences Strand students, which was systematically chosen through random sampling. According to the research conducted by the researchers, the respondents were undecided whether the classroom environment affects the learning skills development of the students. In terms of the indicator cleanliness, 39 out of the 100 respondents answered disagree. In terms of the indicator orderliness, 26 out of 100 respondents answered disagree. In terms of the indicator proper lighting and ventilation, 34 out of 100 respondents answered undecided. The classroom environment needs to be conducted to help students understand how the classroom environment affects their learning skill development and to find out what effect they have on students and what to do in the classroom environment to make students feel comfortable in their learning and solve the problems they face. This has considerable benefit for students as they become better; when the problem of the classroom environment is solved, the greater the chance that they will learn more in class without obstruction.

Keywords: classroom environment

Level of Satisfaction of Grade 12 General Academic Strand Students on Food and Services Rendered by Food Stall Owners in Bestlink College of the Philippines

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Abstract

The level of satisfaction may aid the customers' level of approval when comparing a product's performance as perceived from his or her expectations. In this study, researchers focused on the current situation in assessing the level of satisfaction of Grade 12 General Academic Strand students on the food and services rendered by the food stall owners in Bestlink College of the Philippines. A quantitative descriptive method was used as the research design for the study utilized a purposive sampling to gather 50 respondents from Grade 12 General Academic Strand students to assess the level of satisfaction in terms of sanitation, services, price, and taste. The study used a survey questionnaire conducted by the researchers to gather data from the two groups of respondents. The results of this study showed that the male respondents have a weighted mean of 3.82 and 3.98 for female respondents, which both strongly agreed that sanitation was a factor in the level of satisfaction of the selected Grade 12 students. Both groups of respondents strongly agreed that services affect the level of satisfaction as the results where male respondents got a weighted mean of 3.50 and 3.68 for female respondents. In terms of the price, respondents got the same verbal interpretation of strongly agree, and the male respondents obtained 3.52 and 3.70 for the female respondents. Hence, products' price affects the level of satisfaction of the students. Both respondents obtained the same verbal interpretation of strongly agree, in which male respondents obtained 3.73, and female respondents obtained 4.03. Hence, taste affects the level of satisfaction of the students. Among these variables, the total weighted mean for the male respondents was 3.64, and female respondents obtained a weighted mean of 3.85, in which results we are verbally interpreted as strongly agree. Based on the findings of the study and conclusion, the following recommendations were drawn. The students should see first the place and utensils if it is well-maintained. Patience is the most important when the crew is slow in serving and has unpleasant behavior. Otherwise, students must be good thinkers in choosing and buying food to be aware of the foods they eat for the sake of their health.

Improving Discipline by Specifically Installing Plastic Bottle Trash Container in One Area of Canteen

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Abstract

This research intends on improving the discipline of the students, specifically in installing plastic bottles as trash containers in one area of the canteen. Plastic is one of the problems that pose a huge threat to the environment. A huge amount of plastic is produced and dumped into the environment, which does not readily degrade naturally. People throw plastic anywhere. Therefore, to reduce plastic bottles and environmental pollution, students should be encouraging regarding the right proper disposal of plastic bottles. This will benefit our environment because of this it can help everyone to clean the food court, especially the school utilities. Students can also discipline themselves, and everyone should be responsible for throwing plastic bottles in the food court and inside the school premises. The researchers used qualitative methods. The research was made possible through the participant of 50 selected Grade 12 Accountancy, Business, and Management Strand students. Three variables should be considered in improving the discipline by specifically installing plastic bottles as trash containers in one area of the canteen such as student's discipline. proper disposal of plastic bottles, and improper use of trash containers. Creativeness and improving discipline serve as a huge advantage. It can give relaxation to students, teachers, school admin, school visitors, etc. because of the cleanliness of the surrounding of Bestlink College of the Philippines. The study showed the effect of improving proper waste disposal made of steel to maintain the cleanliness of our environment. The results also showed that if they cannot dispose of their waste properly, which will affect everyone and the environment. This will also show people should need to have discipline. Thus, they should act accordingly to maintain cleanliness in the environment and their surroundings.

Keywords: steel trash can, student's discipline. proper disposal of plastic bottles and improper using of trash container

Benefits of Creating Eco-Friendly Bags by Using Recycled Tarpaulin in Grade 12 ABM Students in Bestlink College of the Philippines

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Abstract

Recycling is the new method of converting used materials into a new product that can be used again. We chose to recycle tarpaulin here in our school. In the surroundings of our school, many tarpaulins are used every month and dumped in one area. We studied how to lessen unused tarpaulin by using it again for other purposes. These tarpaulins can be recycled and converted into recycling eco-bags, which students can use every day they go to school. We used the descriptive survey method with a questionnaire, specifically a checklist, as the main tool in gathering the respondents' responses. The results of this study showed that the majority of the students strongly agreed that having student participation is one of the first steps for this study to succeed. This study will benefit the students by recycling used tarpaulin and helping the environment to lessen the garbage by recycling it. The researchers conducted a demonstration for the respondents to learn how to recycle used tarpaulin. Primary data were collected by randomly distributing questionnaires to the respondents. The purpose of this study was to determine the benefits of recycling used tarpaulin in Bestlink College of the Philippines and how will they help the students, teachers, management, and school facility. The students will gain benefits in using eco-friendly bags made from recycled tarpaulin.

Keywords: recycled eco bag, tarpaulin

Advantages of Using Recycled Wheel as Trash Bin in Bestlink College of the Philippines

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Abstract

A tire trash bin can be made anywhere by anybody who can wield a saw and a drill. The design is simple, and the natural contours of the tires match those of a trash receptacle, lending to a straightforward conversion. The researchers created a tire trash bin to help the utilities to collect garbage easily and maintain the cleanliness of every area. Then, the researchers tested the significant effect of this tire trash bin on the behavior of Grade 12 Accountancy, Business, and Management (ABM) Strand students. The researchers used a descriptive research design to describe those students who took part in the study. To gather data, the researchers disseminated survey forms to 50 selected Grade 12 ABM Strand students from the MWF schedule that were selected through convenience sampling to accomplish the survey. Based on the results of the study, the advantages of using recycled wheels as trash bins among Grade 12 ABM students in terms of (1) cleanliness of the campus, (2) proper waste disposal, and (3) student's discipline are to teach the students how to dispose of the garbage properly, help the environment if everyone will dispose of waste properly, and show how the students are responsible to their waste, respectively. The researchers recommended that students should participate by throwing their garbage properly to maintain the cleanliness of the campus. Teachers encourage and guide students to remind them how important cleanliness is. Students can also help utilities to collect garbage.

Keywords: online library sources, collection, related literature, studies

Benefits of Making Curtain Out of Empty Bottles

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Abstract

The research focused on what will be the benefits of creating a curtain out of empty plastic bottles in Grade 12 Accountancy, Business, and Management (ABM) Strand students. The study revealed what we can do to lessen plastic bottles and innovate them into a new product that will help everyone. A plastic bottle is one of the largest problems worldwide because it is not easily dissolved, and it takes a century or even a score before it is dissolved. It causes considerable pollution in the air, water, and land in some areas in the Philippines. The soil gives in and sinks because it is not strong enough. A qualitative method was used in this study by using a descriptive research design. This study involved 50 selected respondents from the Grade 12 ABM Strand. Four variables were considered as the benefits of creating a curtain out of empty plastic bottles; these include student's imagination, neatness of the classroom, benefits for students, and classroom innovation. One of the factors that will benefit in making a curtain out of empty plastic bottles is that the creativity of every student will enhance. Another aspect revealed that students will save their money for decorating the classroom. The study revealed that creating a curtain out of empty plastic bottles gives more benefits to the students. The study also showed that ABM students will be more productive by recycling plastic bottles. The researchers recommended that every student should be more capable and able to recycle empty bottles to enhance their creativity

Keywords: recycle plastic curtain, creativity, saving money

Effects of Classroom Environment on Academic Performance of Grade 12 HUMSS Strand Students in Bestlink College of the Philippines

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Abstract

The class environment is important because it sets the tone for learning. A positive, supportive environment can help the students feel safe and have better grades. Children need a safe, healthy, and stimulating environment to grow and learn. The school environment in this study consisted of cultural support and classroom activities in both countries. Students' skills in this research referred to soft skills gained from daily experiences in schools. The focus of this paper was to evaluate the levels of school environments and students' skills. The environment is one of the important aspects that are required to produce a competent individual. The environment of your child's school can affect his or her ability to learn and find success. The researchers used the qualitative method and surveyed the respondents to gather data. The researchers utilized the descriptive method. The results of the study showed that the comfort of the student with their surrounding space has nothing to do with how they perform the class. A poor classroom environment has a considerable effect on the students' academic achievement further. This investigation aimed to explore the impacts of the classroom environment on the academic accomplishment of senior high school Humanities and Social Sciences Strand students in Bestlink College of the Philippines. The investigation was experimental. The classroom for the experimental group was outfitted with different physical facilities, such as the proper arrangement of the instructor table, desks, and seats. The room was also extensive.

Keywords: classroom environment, academic performance

Advantages of Using Bamboo Tumbler to Lessen Plastic Bottle Consumption among Grade 12
ABM Strand Students in Bestlink College of the Philippines

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Abstract

Eco-friendly tumbler should be implemented among Accountancy, Business, and Management Strand students of Bestlink College of the Philippines. The problem is plastic waste management, where there is no particular place to dispose of waste. Students only let their empty plastic bottled waste be thrown anywhere without considering what will be going to happen. Implementing the use of eco-friendly tumblers will save the environment and save money. This study was conducted in Bestlink College of the Philippines, S.Y. 2019–2020, with a time frame of 2 months. Through the implementation of eco-friendly practices, the cleanliness of the campus will surely improve. The eco-friendly tumbler can be plastic, bamboo, stainless, or glass. This natural product ensures safety from all dangerous chemicals and allows individuals to avoid risky additives by using it. An eco-friendly tumbler also preserves the environment. An eco-friendly tumbler is good for the environment and the user. For this study, we used the descriptive survey method with a questionnaire, specifically a checklist, as the main tool in gathering the respondents' feedback. This research endeavor will assess that why using an eco-friendly tumbler can lessen plastic pollution. The results of this study showed that the majority of the respondents agreed regarding the use of eco-friendly tumblers in school because it will benefit them and the school. Most of the students strongly agreed that bamboo tumbler is useful in terms of saving the environment and saving money. Most of the students strongly agreed that plastic bottle is not good for people's health. Most of the students strongly agreed that using bamboo tumblers can reduce plastic waste management. The plastic bottle consumption in Bestlink College of the Philippines can be decreased by conducting a seminar about the proper use of bamboo tumblers.

Keywords: waste, environment, plastic bottle, bamboo, consumption

ETHICS

Leadership Skills of Mayors in Grade 12 Humanities and Social Sciences Strand in Bestlink College of the Philippines: An Assessment

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Abstract

Leadership is the process of influencing the behavior of others regarding the accomplishment of goals in each given situation, lifting a person's performance to a higher standard, and building someone's personality beyond his/her normal limitations. Leadership is the action of leading a group of people or an organization. Leaders help themselves and others to do the right things. Leaders set direction, build an inspiring vision, and create something new. Leadership is about planning where you need to go to "win" as a team or an organization; it is dynamic, exciting, and inspiring. Leadership is an important function of management that maximizes efficiency to achieve organizational goals. A leader is a person who starts the work by communicating the plans to the members from where the work starts. A leader inspires a follower, accomplishes work, and helps his followers to develop and be a leader someday. The primary instrument used in gathering the needed data of the study was a survey questionnaire. The researchers utilized the Likert scale to effectively gauge the leadership skills of class mayors in the Grade 12 Humanities and Social Sciences Strand. The survey questionnaire was intended to be answered by the respective class advisers and class officers from each section. This study aimed to assess the leadership skills of the class mayors to motivate them to be good class leaders and understand the value and context of good leadership. This study also aimed to identify the possible outcomes, including the leadership skills the class mayors will adapt and how it will help them in finding a job in your future. The results of this research showed that having good leadership skills is a greater help for the student for their future. Leadership is not something reserved for adults only; it can be taught and developed from a young age. Students are in a transitional point of life between childhood and adulthood. A leader must be knowledgeable not only in his area of knowledge; being a city mayor, he/she must possess the basic knowledge on how to deal with people. The leader's knowledge provides competence and the capability to solve problems. Although thousands of studies have examined the relationship between leadership and student outcomes, only a few of those are experimental studies. The best we can do at present is looking at the correlation evidence to see which leadership strategies are more highly correlated with student outcomes.

Keywords: leadership, skills, assessment

FOOD SCIENCE & ENGINEERING

Viability of Papaya Milk Tea

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Abstract

This research study focused on the production of a new flavored milk tea. The main ingredient is papaya, which can help in maintaining good health and is composed of various vitamins and minerals to help our body function well. The product is composed of Banaba leaves for altering the usual Taiwan tea that is used in many milk tea shops. We used cow's milk to make our milk tea more nutritious. This product can help the students, especially in their cognitive process, because it has more vitamins and minerals that have specific functions to maintain their good health and accurate thinking skills, to prevent from getting sick, and for smooth and clear skin. We chose a questionnaire as the instrument to gather the respondents' feedback regarding our milk tea and to know what the needs and wants of the customer are. We also aimed to gather the respondents' comments and suggestions on how to innovate and develop our milk tea. The respondents were composed of 50 Grade 12 students and 10 teachers. The overall weighted means of the variables in terms of taste, aroma, nutritional value, competitiveness, and presentation were determined. According to the data gathered by the researchers, the majority of the respondents strongly agreed on nutritional value, competitiveness, and presentation, with a weighted mean ranging from 3.50 to 4.49. Lastly, teachers agreed, while students strongly agreed regarding the taste and aroma, with a weighted mean ranging from 2.50 to 3.49. The respondents indicated that papaya milk tea is highly acceptable. There are factors that the product needs to improve, such as texture, but the researchers found the product is accepted by the chosen respondents in terms of taste, aroma, nutritional value, competitiveness, and presentation. Students strongly agreed that papaya milk tea has a sweet taste, while the teachers agreed. Teachers and students strongly agreed that papaya milk tea has nutrients that are good for the heart. The two groups of respondents strongly agreed that papaya milk tea is budget-friendly. Lastly, students and teachers strongly agreed that papaya milk tea emphasizes a complexity of a beverage composition.

Keywords: Banaba, papaya, milk tea

Business Plan on Establishment of Cassalicious Shop in North Fairview, Quezon City

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Abstract

Cassava is a starchy tuberous root of a tropical tree that is used as food in tropical countries but requires careful preparation to remove traces of cyanide from the flesh. Cassava is a tropical, herbaceous, perennial plant that can grow up to 3–5 in. The researchers came up with this idea because they want to bring a new taste and a new product to the market. The researchers decided to pursue this kind of business to satisfy and fulfill the wants and needs of the target market and recognize again kakanin delicacies, especially cassava cake. Some people have already forgotten cassava cake as a dessert. They love to eat desserts such as Graham cake, ice cream, cake, and other desserts. The researchers surveyed the respondents on the first week of July. The researchers surveyed 100 respondents at Ricsons Place, Lot 1 Atherton Street, North Fairview, Quezon City, most of which are students, teachers, employees, and other staff in the area. Cassalicious products are served to the people who afford this. Cassalicious aims to serve the unique flavor of cassava cake to customers. The researchers used the purposive sampling technique to select the respondents. The results of this study showed that 94 respondents liked the taste of cassava, and 6 respondents did not like the taste of cassava. A total of 77 respondents like to eat cassava bibingka with juice or soft drinks, and 23 respondents do not like to eat it with juice or soft drinks. Lastly, 100 respondents want to refer the products of Cassalicious Shop to other people. Cassalicious shop has five co-owners with the same share financially in this business and the same authority to their staff.

Keywords: food, delicacy, cassava, business administration

Miniature of Floating Farm System at Manila Bay in Parañaque, Metro Manila

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Abstract

This project aims to help the farmers for growing cities. A floating farm system is a farm that floats in the ocean for farmers, and it is useful for them because the water that they need is in the ocean, and the transparent roof with solar panels helps their need for electricity. Hence, we conducted this project is to help the farmers. Worsening climate trends and an ever-growing population in the Philippines are pushing us to the edge of a global food crisis. Another problem crisis in the Philippines is the distance of food travels via different channels, such as markets, restaurants, supermarkets, hotels, and bio-stores. Quantitative experimental research was used as the research design for this study. We utilized a purposive sampling to select respondents in assessing of level of acceptability of the miniature floating farm system at Paranaque, Metro Manila. The instrument used was a questionnaire to survey the respondents in determining the acceptability of the proposed project in terms of construction materials, methods and procedure, durability, feasibility, and project design. To conduct the miniature, the following procedure is followed. Based on the findings of this study, the following conclusions are drawn. Electrical/civil engineers very highly accepted the Subway Metro miniature, while 4th-year Architecture students highly accepted the miniature. The difference between the assessments of the two groups of respondents in terms of the aforementioned variables was significant. The problems encountered by the researchers did not hinder the construction of the miniature. The suggestions and recommendations forwarded by the respondents included using more durable materials that are suitable for the walls and columns of the miniature, use more guideline band measurements that are intact and constant to the project, use Styrofoam for the lower part of the miniature to make it more presentable, and make the miniature more effective against hazard and disasters that may make the miniature useless.

Keywords: food production

HEALTH AND SCIENCE

Benefits of Research Subject to Academic Development of Grade 12 HUMSS Strand Students in Bestlink College of the Philippines

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Abstract

The benefits of research subject to academic development are to gain more ideas and new knowledge. Research needs cooperation; it allows people in groups to solve certain problems. Research consumes time; it cannot be accomplished instantly. One needs self-encouragement to comply with all the demands of research. The researchers used a qualitative research design here. The researchers also utilized the purposive sampling technique to choose 90 Grade 12 Humanities and Social Sciences (HUMSS) Strand students with TTHS class schedules as the respondents of this study. Survey questionnaires were administered to determine the available ideas to answer the questions. The results of this study revealed that the benefits of research subject significantly affect the academic development of Grade 12 HUMSS Strand students in Bestlink College of the Philippines in terms of the area of knowledge, performance skills, oral defense, and attendance, as assumed by 90 respondents with the weighted average of 3.80, which was interpreted as "agree." Grade 12 students encountered problems regarding the aforementioned variables as revealed by the result of the administered survey. The researchers concluded that the research subject significantly affected the academic development of students in terms of knowledge, performance skills, and oral defense. The researchers likewise discovered that the students cannot easily do a study if they do not have an interest in it. Therefore, the researchers recommended that in research, students must learn how to make a study interesting. Students should also be responsible at all times.

Keywords: research, academic development

HEALTH SERVICES
MANAGEMENT

Assessment on Sanitation of Foods and Beverages Offered in Canteen of Bestlink College of the Philippines

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Bestlink College of the Philippines

Abstract

Sanitation refers to public health conditions that are related to clean drinking water and adequate treatment and disposal of human excreta and sewage. Sanitation systems aim to protect human health by providing a clean environment that will stop the transmission of disease. A school canteen must be free from dirt and must have a safe environment. Performing safe personal sanitation for the staff members, being aware of food storage, keeping food in the right condition, and maintaining neatness are the steps the staff must take to always ensure safe consumption. A school canteen is a great place that helps promote the enjoyment of eating healthy foods. The food purchased makes a significant contribution to the students who use the canteen regularly for their total food intake and nutrition. The researchers used descriptive design here to elaborate the assessment of the sanitation of the students in the school canteen. The researchers administered survey questionnaires to determine the sanitation/cleanliness of food and beverages in the school canteen. The statistical treatments used in this study were frequency distribution and weighted mean. The results of this study showed that the students agreed that nutritious food should be served, with a weighted mean of 3.29. The respondents strongly agreed that the utensils they use should be proper, with a weighted mean of 4.18. The respondents also strongly agreed that servers should be courteous, friendly, and satisfy the customers' needs, with a weighted mean of 4.11. Students use the canteen regularly. The vital role of the canteen is to create a school culture of healthy eating and promote healthy foods. This research's objective is to tell students that they should keep the facilities clean for canteen personnel and students. Students should also be careful while using the school facilities.

Keywords: assessment, sanitation, beverages

Level of Satisfaction in Food and Services Rendered by Food Court Owners in Bestlink College of the Philippines

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Abstract

This study on the level of satisfaction in food and services rendered by food court owners was proposed by General Academic Strand students. This study was conceptualized because of the issues in the food and services faced by selected Grade 12 General Academic Strand students. The major aim of this study was to determine the level of satisfaction of food and services rendered by the food court owners to selected Grade 12 General Academic Strand students in Bestlink College of the Philippines, S.Y. 2019–2020. This study used quantitative descriptive research as the research design, which will elaborate the recommendations to be taken by the level of satisfaction in food and services rendered by the food court owners. Purposive sampling was utilized to choose 50 General Academic Strand students assessed the level of satisfaction in food and services rendered by food court owners. The level of satisfaction of food and services rendered by the food court owners in terms of food offered had a weighted mean of 3.16 for male respondents and 2.86 for female respondents, both of which agreed that the food offered was satisfactory. In terms of cleanliness, with the weighted means of 3.24 for male respondents and 3.08 for female respondents, both groups of respondents agreed that the level of satisfaction in food and services rendered by the food court owners in terms of food cleanliness had an agreeable level of satisfaction. In terms of services, with the weighted means of 3.27 for male respondents and 3.26 for female respondents, both groups of respondents agreed that the level of satisfaction in food and services rendered by the food court owners in terms of services had an agreeable level of satisfaction. With the overall weighted mean of 3.22 for male respondents and 3.06 for female respondents, both groups of respondents agreed that the level of satisfaction in food and services rendered by the food court owners had an agreeable level of satisfaction. Based on the findings of the study and the conclusion drawn, the following recommendations were forwarded: the food must be presented properly, the price of the food must be affordable for the students and other customers, the canteen staff must be fast and efficient in serving food, the canteen staffs must be well-dressed and appear neat, the utensils should be sanitized, the canteen staff must provide comfortable facilities in the food court, the canteen staff should provide nutritious food, the canteen staff should be kind at all times, the canteen staffs should have complete equipment used in preparing food, and the canteen staff must be hospitable in serving the students. This study revealed that the difference between the assessments of the male and female respondents in terms of the level of satisfaction in food and services rendered by the food court owners in terms of the aforementioned variables was not significant. There are no problems encountered in implementing the study determining the level of satisfaction in food and services rendered by the food court owners in terms of the aforementioned variables.

Implementation of Having Emergency Kit by Using Recycling Shoe Box in ABM Classroom at Bestlink College of the Philippines

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Abstract

The research focused on how does having an emergency kit affects the performance of students in terms of implementing an emergency kit by using a shoebox during emergencies in the school. The study revealed the aspects that may affect the performance of Grade 12 Accountancy, Business, and Management (ABM) Strand students of Bestlink College of the Philippines during emergencies. A qualitative method was used in this study by using descriptive research design. This study involved 50 selected Grade 12 ABM students as respondents. Three factors that affect the academic performance of students during emergencies when having an emergency kit (shoebox), such as being prepared for unexpected events, giving first aid assistance, and having less harmful effects, were considered in this study. The result of the action research is as follows. Preparedness and giving first aid assistance are important during unexpected situations inside of the classroom. Knowing assisting people who got minor injuries can help the students improve their learnings and skills on how to give first aid, which can help their performance during an emergency. Another aspect revealed that students may also be affected if they do not have an emergency box. The study revealed that not having an emergency kit in the classroom affects the performance of students mostly when accidents happen inside the classroom because they cannot respond quickly in times of emergency, which can add damage to the wound and expose it to infection.

Keywords: emergency kit, first aid kit, preparedness

HOSPITALITY MANAGEMENT

U Belt's Grinder Cafe in España, Sampaloc, Manila

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Abstract

The coffee industry is one of the most popular businesses right now in the country, offering different kinds of coffee beverages. Coffee is a partner of every employee, student, and other people while doing their assignments, projects, etc. As such, U Belt's Grinder Cafe is a coffee shop that offers healthier coffee products that give more benefits to the body. The primary target market includes, but is not limited to, university students, employees on the near establishment, residents around to the area, and the people wandering and commuting around the area. The researchers conducted a field survey in Loyola St. España, Metro Manila. They gathered information from among 50 random respondents to help in making adjustments on the product, pricing, place, and promotion of the proposed business. Due to researchers' confidence in innovative products and offering affordable prices, the researchers created different sets of survey questions that include the demographical profile of the respondents. According to the results of the survey, 54% of the respondents were aged 18–23 years old. Most of the respondents were students. A total of 58% showed that most coffee drinkers were males, and 78% were single people. The majority of the students have a weekly budget for their school allowance between P650 and P900. Given that the business location is close to the university belt, the area is surrounded mostly by students. In the same way, only 30% of the respondents were employees. A total of 70% of the respondents go to a coffee shop to relieve stress and to take a break. Alongside coffee, the respondents prefer to have a cake. A total of 52% of the respondents were looking for the taste, followed by the service, ambiance, and hygiene. Meanwhile, the respondents prefer a price between P50 to P80 pesos as affordable, commensurate on a small cup during breakfast time. In the marketing aspect, 44% of the respondents prefer a T-shirt as a souvenir from the coffee shop. U Belt's Grinder Cafe is a new business in the market which offers and sells a different variety of coffee and desserts along the university belt. The researchers decided to have a menu with hot, cold, frappe, and milk tea coffee products along with some desserts such as cherry pinwheels, mango cheesecake, and bunny mocha. U Belt's Grinder Cafe's target market includes, but is not limited to, students, commuters around the area, and employees. U Belt's Grinder Cafe will offer its customers the best-tasting beverages. U Belts Grinder Cafe will no doubt achieve its mission, mission, goals, and objectives.

Keywords: coffee, collateral materials, commuter's, feasibility, goals, mission, objectives, target market, technology, university belt, vision

Feasibility Study on Establishment of Eats Tea Time in Quezon City

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Abstract

Eats Tea Time tea house is a new tea room in the quaint of San Bartolome, Novaliches, Quezon City. The love and knowledge of teas will make the transition to running a tea house a natural step. The knowledge of the health benefits of tea will help the marketing and sales efforts. The tea house will offer a range of hot teas and pastries and snacks for take-out. Most of the respondents already have an idea of what kind of beverages they want because of the marketing efforts of other businesses. At the same time, fashion is always on the move – not which fancy drinks are so widely accepted, savvy consumers are looking for new, more unique treats to enjoy. In San Bartolome, various types of potential clientele are divided among residents, employees, and students. The researchers expect to generate sales to existing committed tea drinkers, who will immediately recognize the quality of the products and services. Marketing to large local groups who are already familiar with teas will emphasize the atmosphere, value, and wide array of potential promos. Sales to students, employees, and residents depend on a highly visible location, quaint charm, and promotional efforts. The business is expected to gain more and more profit every year. The study expects to catch the interests of loyal customers due to the variety of drinks and foods offered. The finished product is deemed viable and feasible. The business aims to offer its products at a competitive price to meet the demand of middle- to higher-income local market area residents, employees, and students.

Keywords: tea, health, business

Level of Acceptability of Tamarind Brownies

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Abstract

This research focused on making a new flavor of brownies. A brownie is a small baked chocolate-flavored dessert. The use of tamarind in brownies is not popular. Hence, people easily recognize it when they eat brownies. Brownies come in a variety of forms and can have either fudge frosting, cream cheese, chocolate chips, or their ingredients. A variation made with vanilla rather than chocolate in the batter is called a blonde brownie was developed in the United States at the end of the 19th century and popularized in the US and Canada during the first half of the 20th century. This study used experimental research. The researchers utilized simple random sampling to select the respondents. The researchers assessed the variables of tamarind brownies, such as taste, texture, nutritional value, price, and presentation, and were all acceptable. Hence, tamarind brownies will be a great innovation. The improvement of this product is recommended.

Keywords: tamarind, brownies

Feasibility Study on Establishment of Eminence Catering Services in Santa Maria–Tungkong Mangga Road, San Jose Del Monte City, Bulacan

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Abstract

Catering is the business of providing food services on a certain site, such as a hotel, hospital, pub, aircraft, cruise ship, park, filming site, studio, entertainment site, and event venue. Through the years of innovation and technology, the needs of Filipinos have changed over time. Hence, several merchants such as one-step shops, fast-food chains, and catering services are continuously growing. Therefore, the proponents have planned to create a catering service with a samgyeopsal bar that will help the people in organizing and planning their event. The researchers did experimental food tasting of roasted chicken with Valenciana and samgyeopsal to ensure product viability in the market. Random people were surveyed to ask for their suggestions and opinions about the product, place, price, and promotional strategies to make Eminence Catering feasible and viable to enter into such business. Afterward, group discussion and brainstorming were conducted by the proponents. Related studies and industry reviews were also performed. The researchers surveyed 50 respondents to validate their socioeconomics characteristics, such as age, sex, educational level, and weekly budget. According to the survey, 40% of the respondents were aged 26 to over 30 years old. The majority of the respondents were professionals who have their own families. Although 54% of the respondents were single, 40% were married and have stable jobs. A total of 46% of the respondents said that they organize an event only once a year, while 38% of the respondents gather twice a year. Birthday is the most preferred event for catering service, garnering 86% response with a buffet set up. Regarding budget, 52% of the respondents have a budget preference for catering services, that is, ranging from P20,000 to P25,000. After related studies and surveys were conducted, the proponents were confident that Eminence Catering can penetrate its prospective market after taking into consideration the chosen location in Tungkong Mangga, San Jose Del Monte due to fewer security risks on the part of owners and customers. Meanwhile, to further penetrate the market, the main focus of the proponents was to ensure its viability in the market with a strong marketing campaign to increase Eminence Catering's brand awareness. Overall, the financial stability for the business to operate is sustainable after taking into consideration proper budgeting and forecasting.

Keywords: brand awareness, catering, convenience, experimental food tasting, feasibility, industry review, innovation, marketing campaign, product viability

HOTEL AND RESTAURANT MANAGEMENT

Level of Acceptability of Pineapple-Cucumber Tart: An Assessment

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Abstract

Pineapple-cucumber tart has a pineapple cucumber jam filling over the pastry base. Pineapples are naturally high in fiber, which is an important component of a healthy diet that can help improve digestion. Pineapples also contain an array of vitamins and minerals, including calcium, manganese, vitamin A, vitamin C, and folic acid. Cucumbers are low in calories but high in many important vitamins and minerals. Cucumbers contain antioxidants, including flavonoids and tannins, which prevent the accumulation of harmful free radicals and may reduce the risk of chronic disease. Several trained observers and techniques were used here. Judgments about behavior were made and recorded. These judgments were pooled in a meeting among the assessors or by an averaging process. In a discussion among assessors, comprehensive accounts of behavior, often including ratings, were pooled. The discussion results in the evaluations of the performance of the assessment on the dimensions or other variables. A quantitative method was used in the study. A descriptive research design was used to determine the acceptability of pineapple-cucumber tart. Four factors to the acceptability of pineapple-cucumber tarts, such as presentation, taste, texture, and feasibility, were considered. The four variables included texture, appearance, taste, and aroma. Data were collected by distributing questionnaires to 50 selected Grade 12 HE students who were selected through single random sampling. In terms of taste, the respondents' rate was acceptable, with a weighted mean of 3.27. In terms of aroma, the respondents' rate was acceptable, with a weighted mean of 3.07. In terms of nutritional value, the respondents' rate was acceptable, with a weighted mean of 3.90. In terms of presentation, the respondent's rates were acceptable, with a weighted mean of 3.41. The respondents' rate in terms of the level of acceptability of pineapple-cucumber tart was highly acceptable. Pineapple-cucumber tart has no after taste of sourness and has an appetizing aroma. The researchers recommended further improving the product for competitiveness and presentation. Further study on its variability is recommended.

Keywords: pineapple-cucumber, tart

Feasibility Study on Establishment of Chasing Perfection in Malinta Exit, Valenzuela City

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Abstract

Catering is a business that provides service to an event or location. A catering proposal will generally include the rental of the venue, transport, equipment, arrival time, staff arrival time, bar open and close time, mealtime, and rental pick up. Given that catering services are one of the prominent and profitable businesses in the hospitality industry, the researchers planned to establish a catering business under a general partnership. Chasing Perfection, which is the business name, came up with a starting capital of 1 million pesos, which is sufficient enough to sustain its operating expenses. Chasing Perfection provides services for weddings, anniversaries, birthdays, baptismal, corporate activities, and other events. The researchers used a survey questionnaire with a set of questionnaires including questions about the demographic profile of the respondents and the business. Random people were surveyed to get their suggestions and opinions about the products. The results of the survey signified great potential for the business to pursue and become successful in the future. Meanwhile, the results of the study revealed that 68% of 50 respondents were more interested in catering services. The survey also revealed that 42% of the respondents were housewives possibly as they are more hands-on regarding arranging occasions or events. Cake was the most favorable dessert according to 46% of the respondents. Regarding advertising, 74% of the respondents prefer to have it on social media for convenience and easy access. Loot bags are the most preferred give-a-ways, while online booking was the most preferred contact point of every client reaching for catering services. The study proved that Chasing Perfection is acceptable. The finished products and services are feasible for business gradually and progressively. In terms of management viability, Chasing Perfection can generate the product properly and take the possible opportunity to handle the business with excellent service by controlling all situations on the management and thinking of the best way to secure and handle the business. Overall, the financial viability of Chasing Perfection is determined by the income, operating payments, and debt commitment.

Keywords: catering, competitive advantage, feasibility, financial viability, income, market segment, operating expenses, profit, sustainable

Biteful House

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Abstract

Dessert is a course that concludes a meal. Dessert generally consists of sweet foods. The researchers want to add something extra with the dessert by using taho or tofu as ingredients. The primary target of this feasibility study includes, but is not limited to, students from different schools in Caloocan City and residents in the area. Biteful House is located in Avante Commercial Town House, Block 1, Caloocan City. The researchers came up with the idea of Biteful House because the researchers want to offer new products to the market. Biteful House will have a starting capital of P1 million. The researchers conducted a field survey in Bagumbong, Caloocan City where the proposed business will be located. The information gathered from the respondents is interpreted and will be used as a cornerstone for the product, price, place, and promotion for the business. The researchers did some experimental tasting of the products, particularly taho cheesecake. A total of 50 random people were surveyed to get their suggestions and opinions about the products. Afterward, group discussions and brainstorming were initialized. Based on the survey conducted, 38% of the respondents often buy desserts 5 to 6 times a week. A total of 68% of the respondents buy desserts in a dessert shop because it offers a variety of products to choose from. The majority of the clients prefer chocolates. A total of 46% of the respondents are willing to spend between P100 and P200 for dessert due to the tight budget. Meanwhile, the results of the survey showed that Biteful House's proposed location is very accessible to people. Biteful is a snappy and charming play of the words, "bite" and "full." The researchers used "bite" because people bite the food when eating. The word "full" means being satisfied. Biteful is attractive and instantly recognizable, which can fit a broad range of food brands. The researchers used the logo of a piece of cake as a symbol of ease and pleasure, which is well-represented in the language. The study proved that desserts with taho or tofu are feasible because most people eat dessert and eat taho as a snack. The results of this study proved that the product is accepted by children and adults and the product is feasible for business. Technical and financial viability should be improved to help the business grow.

Keywords: brainstorming, dessert, experimental tasting, field survey, frappe, tofu, market demand

Level of Acceptability of Binurong Saging

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Abstract

Banana is the most common fruit in the Philippines. Banana is also rich in vitamins. Banana has fiber, which is one of the most important nutrients for our body. Our products have a unique taste due to food preservation. Our product has vitamin B6, vitamin A, vitamin C, protein, potassium, iron, and fiber. Many researchers studied food preservation. Because of these studies, the life of food is extended. Bananas are the most consumed fruits in the world. Banana also has anti-cancer and anti-asthma properties. The experimental method involved manipulating one variable to determine if changes in one variable cause change in another variable. A survey questionnaire was used as the instrument. Simple random sampling was used to select the respondents. The results showed that the differences in terms of taste, aroma, nutritional value, and presentation were not significant because students and teachers strongly agreed. Owners can create awareness through various initiatives, such as public relations, programs, sponsorship, and advertisement to assist functional healthy food vendors in developing consumer attitudes and perspiration. The difference was significant to their mechanical properties and physiochemical parameters through the slight changes observed in terms of feel and color.

Keywords: food preservation

Acceptability of Eating Tuna Shawarma

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Abstract

Shawarma is a combination of meat and bread that will cover the outside parts of this product. In this study, we determined the benefits, advantages, and disadvantages of shawarma to other people who tasted this product. We chose to set up a shawarma stall to promote a healthy diet. The food is wrapped in pita bread, which can give nutrients to our bodies. The method we used here was experimental. We used a survey questionnaire to know the opinion of the respondents about our product. The overall weighted mean for the student was 3.54, and that for teachers was 3.56. Hence, the outcome of this survey strongly agrees that tuna shawarma is acceptable. Tuna is among the most recognizable teleost fish and is widely distributed throughout the world. However, the distinctive anatomical and physiological features of tuna are less well known to the public as some have only been recently unraveled. Tuna is tastier because of the balance ingredients. The product already has a good packaging presentation. The taste of the dressing is delicious because it is newly made. The product has nutritional value, such as vitamins and minerals. The product is also good for the heart and has low cholesterol content. Future researchers should make a new twist to make this product to improve the taste, aroma, nutritional value, and packaging.

Keywords: tuna shawarma

Feasibility Study on Establishment of Bubble Hub Laundry House in Bago Bantay, Quezon City

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Abstract

Laundry has been part of history since humans began to wear clothes. Thus, the methods by which different cultures have dealt with this universal human need are of interest to several branches of scholarship. The first electric clothes washers, in which a motor rotated the tub, were introduced into America approximately in 1900. The researchers came up with this business not only to help individuals who need more time in their daily life but also to provide a high-quality service at a pocket-friendly price. The laundry house is located in Bago Bantay, Quezon City in front of Grass Residence. The researchers choose this kind of concept to create more space for those people who need more time to do their other activities. The researchers found a study that will be used as a guide with proven information that is very helpful to this feasibility study. The researchers conducted a field survey in Bago Bantay, Quezon City. The researchers provided a set of questionnaires that included questions about the demographic profile of the respondents and different sets of questions with its corresponding indicators, researchers' distribution for respondents' data, and results analysis. Based on the survey, the respondents preferred a return of their laundry in "less than 12 hours." The respondents answered "twice a week" on how often they use laundry service. The respondents answered "within 48 hours" on how often they wash clothes. The respondents prefer to use laundry services for washing clothes. Most of the respondents loaded laundry clothes with four or more loads per week, garnering a budget of P100–P130. The respondents pass along the area of the business. Hence, the accessibility for the area is a great advantage for this business. The majority of the respondents are attracted to flyers as promotional material to catch their attention. "Bubble Hub" represents the whole idea of the researchers' plan in establishing a business. Bubble Hub has been the chosen name for the business because the proponents want their business to become a laundry business in the market it serves. Meanwhile, Bubble Hub will offer the best laundry service in the area for its customers. As the study came up with the idea that the business will grow and become successful with the help of the results taken from the respondents, the business proponents are very confident that it would offer a service in that particular area with excellent quality service and value for money.

Keywords: condominium, dryer, feasibility, industrial revolution, laundry, marketing, profitability, strategy, washing machine

Feasibility Study on Establishment of Clean and Glow Laundry Shop in Soliven Street, Litex, Brgy. Commonwealth, Quezon City

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Abstract

Survey says laundry business is one of the top trending businesses to establish nowadays. The laundry business begins in Fort Worth, Texas during the Great Depression. The first Laundromat, which was known at the time as a "Wash-a-teria," opened in the 1930s. In today's world, as new technologies and developments arise, more and more washing machines and dryers are available in the market, but these technologies are very expensive and can consume considerable time and effort. Hence, the researchers decided to establish a laundry business. The researchers chose the location at Block 10 Lot 7, Soliven Street Litex, Barangay Commonwealth, Quezon City. The researchers formulated a set of questionnaires that included the demographic profile of the respondents. The data gathered will serve as guides in establishing the business. This study employed the descriptive-comparative research design of the feasibility study. The researchers surveyed random people. The main instrument of the study was a survey questionnaire with a focus on marketing mix. An ocular visit was conducted to ensure the viability and accessibility of the location to the target market. The study of the business showed a positive result that the company will boom in the market according to the survey. The results of the survey showed that the laundry business is imminent in the market. Based on the survey conducted, the majority of the respondents were female. Most of the respondents who avail of the services are working individuals instead of students and unemployed people. A loyal customer can also help promote the business through a recommendation to their family and friends. The low price of services was the most favored by clients. A good location can generate sales and create brand loyalty. According to the respondents, social media is the best tool to promote the business. The researchers proved that the laundry business is one of the best businesses to establish nowadays. Promotion and other marketing strategies have a considerable impact on the business to be well-known in the industry and attract more customers, as well as give the clients a good service at an affordable price. Maximizing the resources and minimizing all the possible problems that may come in the future. Giving good quality service and ensuring the satisfaction of the clients are all our daily goals. The business will also be successful because of many residences and establishments that need the laundry service in the area.

Keywords: dry cleaning, feasibility, general partnership, laundry, market, marketing strategy, operating procedures, revenue, shop

Feasibility Study on Establishment of Boofe Lounge Library Cafe in Quezon City

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Abstract

Boofe Lounge is a combination of the word "book" and "coffee." A lounge is a place where people can sit and chill for a while. The library café business is highly appreciated by possible customers who want to relax and detoxify themselves from the Internet for a couple of minutes. Given that Boofé Lounge does not have a Wi-Fi connection, the establishment offers several genres of books to choose from as a form of entertainment for people to enjoy their stay while dining. The main goal of Boofe Lounge is to provide satisfying products and promote the importance of books. The business is located in Dahlia Avenue, West Fairview, Quezon City, which is very accessible to customers and easy to locate. People will surely enjoy the relaxing ambiance of the establishment; it is a combination of Japanese and Filipino motifs and also uses reusable bamboo supplies, which makes it eco-friendly. The establishment offers hot and cold coffee, smoothies, and a variety of snacks, such as pancakes, sandwiches, and cheesy quesadillas. Books are complementary; to avail the books, customers need to purchase any drink or snack on the side. The researchers surveyed 50 respondents to know the products and promotions they offer in the business. The primary target markets are students, commuters, passers, and those living in the residences near the location. The results of the survey showed that the target customer of the business patronized the products that Boofe Lounge offers. Afterward, in-depth research was conducted on the significant aspects such as product offers, the process involved in preparing the products, marketing, and financing of this study. Based on the results of the study, the researchers concluded that Boofe Lounge is feasible and viable to the market. In terms of market viability, the researchers found that the products offered by Boofe Lounge were accepted by the possible target market. Management viability has a considerable role in the business in a way that employees can effectively lead the organization in sustainable growth. The researchers give interpretations, significance, and findings while doing this feasibility study. It is accompanied by recommendations and conclusions. The form is an important part of project debriefing of any report or documentation, and a key part of the value was offered to clients by professional market research.

Keywords: boofe lounge, library cafe

Feasibility Study on Establishment of Lux Diner's in Dahlia Ave., Novaliches, Quezon City

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Abstract

Lux Diner's combines classic and modern themes. We chose this concept for millennials to experience the old type of mini restaurant and for older people to experience old music. It embraces the customer and makes them feel that they have been transported back in time. This study focuses on the strengths and weaknesses of the business, including its financial capacity to operate the business. The research method used here included industry review and related studies about the product and target market. The researchers conduct some studies and observations about business quality and the proposed business site. By using a survey form, the team acquired results from the respondents. A food tasting was also conducted to get feedback as the source for the improvement of the product to be provided to the market. According to the survey, 40% of the respondents prefer to have a chicken meal because it is high in protein, while 30% of the respondents want to have a salad and pasta meal instead of rice. Meanwhile, 60% of the respondents prefer to order fresh fruit juice as an accompaniment to healthy dishes because it gives nutrients to the body, while 40% of the respondents prefer to have coffee because it helps the body to digest food easily. Regarding the respondents' expenditure for a meal, 42% of the respondents have budget between P50 and P100, while others can spend less than the aforementioned amount. According to the survey, 46% of the respondents responded that they dine together with friends, 34% of the respondents dine with family, and only 20% of the respondents dine alone. A total of 52% of the respondents dine out two times a month, while 33% of the respondents dine once a month, and 15% of the respondents answered that they always dine in their homes. Meanwhile, regarding marketing and promotional aspects, according to the survey, 68% of the respondents said that social media is the best way to find diners, 17% of the respondents answered flyers, and 15% of the respondents prefer posters. Demographically, the majority of the respondents are under the ages of 26 and 35 years old. The respondents were mostly male, single, and employed. With a massive marketing campaign that will be implemented, training and development should be initiated for employees to ensure a high retention rate and provide excellent customer service. The researchers believed that Lux Diner's business would be feasible and become successful in the market.

Keywords: direct competition, diner, feasibility, general partnership, industry review, lux, survey, marketing

Feasibility Study on Establishment of Flex N' Chill in Legarda Street Sampaloc, Manila

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Abstract

Flex n' Chill Sports Bar offers a fantastic experience of enjoyment and relaxation of your choice. It is a bar that offers alcoholic and non-alcoholic beverages along with delicious but healthy appetizers at an affordable price. A bar also has options to watch live mobile legends match up and game highlights while you are having your drink and relaxing. Customers can participate in mobile legends match-up for a chance to get a sizzling appetizer of their choice. Customers can also play in-house games such as billiards, beer pong, dart, Jenga blocks, and Uno cards. Flex n' Chill offers an experience that customers cannot typically find in usual night bars. The proponents conducted a field survey in Legarda Street, Sampaloc Manila. The researchers gathered information from the respondents. The data were interpreted and utilized in gaining new ideas and future improvement of the business. Related studies and industry reviews were made. As far as this study comes along, the researchers decided to establish this kind of feasibility study to know and get the interest of the buyers/consumers with its unique version of Flex and Chill. The researchers conducted an ocular visit to the location. Meanwhile, the proponents collected lists of suppliers for proper costing. Based on the survey, in terms of the distribution of respondents according to gender, 68% of the respondents were male, and 32% were female. The majority of the respondents were under 18 to 27 years old. Meanwhile, 58% of the respondents were single and students, while 47% of the respondents were already working. Beer is the most preferred drink to most of the respondents with 40%, with the accompaniment of sizzling food. A total of 58% of the respondents prefer to go to bars during holidays with friends and they can stay until morning. The business structure of Flex n' Chill consists of a manager, financial staff, cashier, cook, bartender, server, utility, and bouncers. Hence, the business proponents are confident to offer something new and innovative in the market. The data gathered with the demographic profile of the respondents will serve as a guide on the future improvements of the business. Generally, the study proved that the sports bar was acceptable to the market. It has a large chance of growing because the food and beverage industry is the top contributor to economic growth in the Philippines.

Keywords: beverage, capital, chill, entertainment, feasibility, gross domestic product, leisure, recreation, return on investment

Feasibility Study on Establishment of TREA Travel Agency Assistance in Lagro Highway, Novaliches, Quezon City

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Abstract

TREA Travel manages every type of travel need, from most uncomplicated to elaborate, and creates an unparalleled experience that customers can rely on. It was built for a purpose, that is, to satisfy the customer's needs and surpass their expectations. The business offers visa assistance, ticketing, transportation, hotel accommodation, bookings, flight reservation, and cancellations. It is located near Trees Residences and Access College. It is along the highway, and it is accessible for all possible clients. It has 44 square meters of commercial rent. The researchers contributed P200,000 each to come up with 1 million pesos as the initial capital. At first, the proponents have had its collaborative brainstorming on what business to be established. An ocular visit to the business site was conducted, followed by a survey for 50 respondents, which included students, employees, and residents, through random sampling. A set of questionnaires was used as instruments for further assessments on the feasibility of establishing the business. Based on the survey, 52% of the respondents are price-sensitive whenever they plan to travel, while 28% of the respondents are looking for fast service. A total of 18% of the respondents were looking for their security identification. Meanwhile, 42% of the respondents are willing to spend between P5,000 and P15,000 for travel packages, while 34% of the respondents can spend between P15,000 and P25,000. A total of 66% chose air transportation as their highest preference for travel assistance, while 18% of the respondents prefer assistance on water transport. Based on the study and findings, the researchers concluded that the TREA Travel Agency Assistance is feasible and viable to the market and offers services locally. REA Travel Agency Assistance will be located at Lagro Highway Novaliches, Quezon City. The target market includes but is not limited to students, employees, and residents in the area. The unit is a commercial space; it has a total length of 11 meters with a width of 4 m. The monthly down payment is P24,000. The Business name represents different meanings; "T" is for travel, "R" is for relaxation, "E" is for enjoyment, and "A" is for adventure. It is a general partnership type of business because everyone wants to experience how to handle a business. All the share assets, profits, financial, and legal liabilities of the company is equal. It also means that the personal assets are liable to the partnership obligation. As global tourism grows yearly, the business has a huge big opportunity for expansion.

Keywords: agency, brainstorming, feasibility, general partnership, hotel, instruments, legal liabilities, mobile app, ticketing, travel, visa

Feasibility Study on Establishment of Sentient Café in Munoz, Quezon City

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Abstract

The company decided to innovate a new and exciting way of service that will suit the needs and wants of the customers, especially millennials. The concept which the researchers innovate is a service that conceptualizes a new and exciting way not only to drink coffee but also to relax while fish is served. Hence, the business provides different approaches on the name of every coffee to make it more interesting to the customer; the owners included "hugot lines" to normal coffee names. The research methods used here included industry reviews and related studies about the product and target market. A brainstorming was conducted, taking into consideration the key drivers and key barriers of the business. The researchers did some observations on the proposed business site and randomly surveyed 50 people composed of students, employees, and tenants. The survey helped in knowing what promotional strategy is fit for the business. The results revealed that 76% of the respondents said that social media is an effective tool to promote the business. A total of 53% of the respondents are looking for 50% off as a promotional discount. A total of 67% of the respondents prefer to have a garden theme for a coffee shop. Practically, the survey was conducted with 60% of the respondents being female and 40% of the respondents being male. The majority of the respondents are aged between 15 and 25 years old. A total of 55% of the respondents already have jobs. It is assumed that net sales will increase by 10% each year. The cost of sales is projected to increase parallel to the net sales, with an additional inflation rate of 2.5% per year. The proposed business complies with government requirements and legal aspects. A massive marketing campaign will be implemented. Training and development for employees will be initiated to ensure a high retention rate and provide excellent customer service. The researchers believed that Sentient Café will succeed in the café industry. The researchers' study showed that knowing what the target market wants is important, especially to a unique concept of product such as the Sentient Café.

Keywords: cafe, cappuccino, coffee house, espresso, feasibility study, marketing, sentient, social media, SWOT analysis, target market

Feasibility Study on Establishment of Pizzaro Dough with Coco Pulp in Fairview, Quezon City

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Abstract

Pizzarro will make extremely delicious and unique pizza dough, and its salvaro will be made from 100% pure coconut pulp. It will be loved by consumers because of its good taste, easy preparation, and reliability, with a meaningful heritage that resonates with markets around the world. Salvaro uses the pizza dough which was originated from Leyte. Salvaro is one of the types of bread in Leyte. Salvaro was created in the 1980s. The researchers used a survey method involving 50 respondents. The respondents were asked different questions regarding the desired product. The gathered data served as a basis for enhancing the proposed business product. Data gathered served as a basis for improvement, such as the flavors, ingredients, and price of the product. The answers of the interviewees had considerable impacts on the innovation of the product. A review of related literature was also conducted. Based on the survey, 44% of the respondents preferred to visit either a buffet restaurant or a fast-food chain once a week. For promotional freebies, the respondents preferred having a fan. Fried chicken is the most requested order in a fast-food chain. The survey showed that 42% of the respondents love Hawaiian pizza the most among different varieties of pizza. A total of 38% of the respondents preferred bacon cheese pizza. A total of 74% of the respondents preferred soda as a beverage. A total of 56% of the respondents preferred thin crust pizza. A total of 68% of the respondents preferred eating at home. In terms of the price, 58% of the respondents preferred the price to range from P200 to P300 when eating a fast-food meal. Pizzaro can delegate the application of knowledge and skills to the employees, management, recruitment, and management of the intellectual property. The researchers found out that the product had a large success rate, especially in the strategic location. The researchers concluded that the business would be able to gain back 100% of its investment if it can sell 80 servings of products daily. The researchers put a buffer margin on product costing, which greatly helped recover what is lost or errors that sometimes may occur in a business. The researchers make expected sales every year. Hence, the researchers aimed to improve our business further. Based on the study and findings that were conducted, the researchers concluded that Pizzarro is feasible and viable to the market.

Keywords: coconut pulp, dough, feasibility, freebies, investment, market, pizza, revenue, strategic location

Level of Acceptability of Cheesy Tato-Lunggay Empanada

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Abstract

Researchers focused on determining the level of acceptability of their product Cheesy Tato-Lunggay Empanada. Empanada is a type of baked or fried pastry that consists of pastry and filling. Empanada comes from the verb "empanar," which means to wrap or cut in bread. Empanada is one of the known foods here in the Philippines; it can be eaten for breakfast, lunch, and dinner. The ingredients that were added have benefits that can strengthen our immune system. The methods that the researchers chose were experimental research design, simple random sampling, and surveys to collect, analyze, and interpret the different views of a group of people from a particular population. The instrument used here was a questionnaire. The results of the study showed that cheesy tato-lunggay empanada is acceptable. Based on the data gathered, their product is accepted by teachers and students. All the respondents agreed that the product will be accepted in terms of the overall quality. The researchers studied the acceptability of cheesy tato-lunggay empanada. They showed here how they come up and end up with their product. After surveying, the researchers found that there are factors that their product needs to improve, such as the oiliness of empanada. The respondents recommended reducing oil and using proper packaging to present it well and attract more consumers.

Keywords: cheesy tato-lunggay empanada

Acceptability Level of Ipomoea Batatas Milk Tea

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Abstract

Milk tea is increasingly becoming a popular beverage and a type of food business here in the Philippines and other countries. However, it is only one of the products that can be made by using *Ipomoea batatas* (sweet potato). Sweet potato is a versatile and delicious vegetable that possesses high organic process value. It is also a valuable plant with anti-cancer, anti-diabetic, and anti-inflammatory effects. Sweet potato is currently a valuable supply of distinctive natural products that are utilized as medicine against numerous diseases and in creating industrial products, such as talbos ng kamote, which is also known as sweet potato leaves or camote tops. Sweet potato is a warm-season crop that is extensively cultivated in the Philippines. Its roots are high in calories and vitamin A, and the leafy tops are eaten as vegetables. The tops, especially purplish ones, are used by people with diabetes, and the crushed leaves are applied to boils and acne. The health benefits of sweet potato include vitamin A, vitamin B, vitamin C, calcium, and phosphorus. The methods used in this study were experimental research design, survey questionnaire, and simple random sampling technique. A survey questionnaire was used here as the instrument to gather information from the respondents. A simple random sampling was used here to select respondents. The results showed that the overall weighted means were 4.06 and 4.34 in terms of taste, aroma, nutritional value, and presentation, which had the same verbal interpretation of strongly agree. Hence, the difference between the assessment of the two groups is not significant. Therefore, our research study and product were good. Many people do not like to eat vegetables, and they are most likely to drink milk tea. Thus, they will likely drink sweet potato milk tea because it does not taste like vegetables and is healthy. Future researchers should improve our product if they going to have the same research by using this research as a reference.

Keywords: ipomoea batatas

Marketability of Bitter Melon Milk Tea

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Abstract

Milk tea has been a huge hit in the market in the Philippines. Milk tea is a good business particularly in our country because some Filipinos are a fan of milk tea as a substitute beverage to soft drinks. Milk tea also has different flavors that suit Filipinos' tastes; hence, many Filipinos are hooked on it. The research instrument that was used in this study to gather the data was a survey questionnaire. This survey questionnaire consisted of four questions. Based on the findings, bitter melon has a good taste, price, presentation, and nutrients. Thus, bitter melon milk tea is acceptable in the market. It provides vitamins to our body, such as vitamin A, vitamin B, vitamin C, and zinc, which reduces our blood sugar. Hence, bitter melon milk tea is good for young people who love milk tea.

Keywords: bitter melon milk tea

Level of Acceptability of Banana Peel Nuggets in Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

Bananas are high in potassium and pectin, which is a form of fiber. Meanwhile, chicken nugget is high in cholesterol and carbohydrates because it is composed of meat and flour, which absorb the oil when deep fried. The researchers decided to make something that has low cholesterol for a healthy diet. The researchers choose an experimental research design. Simple random sampling was used to select respondents. Lastly, a survey questionnaire was used to gather information from the respondents. The results showed that in terms of taste, the weighted means were 3.44 for teachers and 3.50 students, with the same verbal interpretation of agree. In terms of aroma, the weighted means were 3.69 for teachers and 4.36 for students, with the same verbal interpretation of strongly agree. In terms of nutritional value, the weighted means were 4.05 for teachers and 4.22 for students, with the same verbal interpretation of strongly agree. In terms of presentation, the weighted means were 4.05 for teachers and 4.15 for students, with the same verbal interpretation of strongly agree. The results above showed that the difference between the two groups of respondents was not significant. The researchers recommended trying this product with dips such as cheese sauce, ketchup, mayonnaise, and sour cream. The researchers also recommended eating banana peel nuggets as the main course with soy sauce with lemon.

Keywords: acceptability, banana peel, nuggets

Feasibility Study on Establishment of Art Tea Art Studio in North Fairview, Quezon City

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Abstract

The researchers conceptualized the name of the business "Art Tea," which is a house of arts and tea that will offer painting lessons. It is a good place to hang out for aspiring artists, and it is open for kids and adults who are willing to learn painting while having snacks and beverages. Art Tea will provide a warm and comfortable environment where you can express your artistic side or discover the inner artist within yourself. It is also a great way to meet new friends with the same interest in arts. The main idea of this concept is an art studio that offers different art lessons and tutorials and serves different teas and snacks that will make a perfect place to have quality time with loved ones. The researchers conducted a field survey within Regalado Ave., North Fairview, Quezon City to measure the probability of the services and products of the business proposal. The researchers provided questionnaires to be answered by 100 respondents. Product testing was conducted to gather data and information that will help improve the product. Related studies on the industry were also prepared, along with ocular visits to the business location. The results of the study showed that the business proposal is feasible. The researchers were confident to offer the services and products to the target markets because of its uniqueness and creativity while offering reasonable deals. The gathered data from the survey served as a guide to help the business proposal. In terms of product acceptance, 60% of the respondents prefer ice tea, while the remaining 40% of the respondents prefer hot tea. A total of 57% can pay P300–P500 for our services. The results of the study proved that an art studio and tea house is a good combination for business, and students who are interested to improve or willing to learn arts or for those who love consuming teas accepted the business concept. In terms of the target market, the business is placed in a location wherein the establishment is very accessible and visible to its primary target market. The technical viability for tea is the application of skills and knowledge.

Keywords: feasibility study, art tea, art house, tea shop

Acceptability of Dragon Fruit Jam-Infused Leche Flan in Bestlink College of the Philippines

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Abstract

Dragon fruits are low in calories and high in vitamin C and fiber. Dragon fruit seeds contain a small number of antioxidants such as lycopene and lesser-known phytoalbumins. Leche flan is rich in vitamins and minerals and is a good source of selenium, phosphorus, and calcium. Leche flan contains a high number of whisky components that may include saturated fat, cholesterol, sodium, and sugar. Experimental design research was used in this study. The respondents were selected using a simple random sampling technique. The researchers utilized survey questionnaires to gather data from the respondents. In terms of taste, the respondents answered acceptable, with a weighted mean of 3.36. In terms of aroma, the respondents answered acceptable, with a weighted mean of 3.70. In terms of nutritional value, the respondents answered acceptable, with a weighted mean of 4.13. In terms of competitiveness, the respondents answered acceptable, with a weighted mean of 4.32. In terms of presentation, the respondents answered acceptable, with a weighted mean of 4.23. The respondents accepted dragon fruit jam-infused leche flan because it has no odor and is appetizing. The respondents recommended adding more dragon fruit flesh to improve the taste. Further study on its color is also recommended.

Keywords: leche flan, dragon fruit

Viability of Puto Lagundi: An Assessment

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Abstract

Lagundi (*Virtex negundo*) is a medicinal herbal plant that can cure and relieve asthma, cough, and itchy skin; promote healthy skin; and treat digestive problems. It has potential as an anti-cancer medicine and tonic for the liver. The researchers added lagundi to the classic puto made of rice flour. This puto version is one that a person can make at home. The experimental research design was utilized here, and simple random sampling was used to select respondents. The instrument used was a survey questionnaire. The researchers involved 50 Grade 12 Home Economics (HE) Strand students and 10 HE teachers from Bestlink College of the Philippines. The assessment of puto lagundi was according to taste, aroma, nutritional value, competitiveness, and presentation. From the Likert scale of 5 to 1, the respondents rated taste and aroma as acceptable, with the weighted means of 3.05 and 3.37 respectively. The assessment rating for nutritional value, competitiveness, and presentation was highly acceptable, with the weighted means of 4.35, 4.28, and 3.68, respectively. Hence, puto lagundi is highly acceptable. Further study about this product should be undertaken to improve the product in terms of taste, aroma, nutritional value, competitiveness, and presentation. Researchers think that the best alternative for lagundi is chili leaves. Respondents suggested that if the researcher will sell this product in the market, further study should be undertaken.

Keywords: puto, lagundi

Acceptability of Tofu Patty

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Abstract

Originally, the ingredient of burger patty is meat or beef, but researchers changed meat with tofu as the main ingredient. Tofu is a good source of protein and contains all nine essential amino acids. It is also a valuable plant source of iron and calcium, as well as minerals manganese and phosphorous. Tofu also contains magnesium, copper, zinc, and vitamin B1. The researchers used the experimental research design here. The researchers used random sampling to choose respondents for the study. The instrument used here was a questionnaire to gather the information of the respondents. The difference in taste, aroma, presentation, competitiveness, and nutritional value was significant. In terms of taste, students had a weighted mean of 3.03, while teachers had a weighted mean of 0.4. In terms of aroma, the weighted means were 3.55 for students and 4.25 for teachers. In terms of presentation, the weighted means were 4.12 for students and 4.15 for teachers. In terms of competitiveness, the weighted means were 4.34 for students and 4.25 for teachers. Lastly, in terms of nutritional value, the weighted means were 3.95 for students and 3.98 for teachers. The researchers came up with the idea that tofu can be an alternative ingredient of a burger patty on a tofu patty. The faculty said we need two types of tofu patty, that is, with and without the bun because some of the respondents only want to taste tofu patty, whereas others want to taste tofu patty with bun.

Keywords: tofu patty

Assessment of Viability of Jackfruit Empanada

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Abstract

Jackfruit (*Artocarpus heterophyllus*) is full of vitamin C and antioxidants, which help the immune system. The researchers added the jackfruit to the filling for the empanada. The original empanada has a filling of sweet potato and meat. This study used an experimental research design. The respondents were selected randomly. The researchers utilized the survey questionnaires for collecting the data of the respondents. The respondents assessed jackfruit empanada in terms of the following: taste was rated as acceptable (weighted mean of 4.14), the aroma was rated as acceptable (weighted mean of 4.095), the nutritional value was rated as acceptable (weighted mean of 4.18), competitiveness was rated as acceptable (weighted mean of 4.31), and presentation was rated as acceptable (weighted mean of 4.405). Hence, jackfruit empanada is an acceptable product. The respondents recommended that the product's texture should be improved because it is the presentation required for an empanada.

Keywords: jackfruit, empanada

Viability of Bilimbi Empanada: An Assessment

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Abstract

Bilimbi avherroa (bilimbi) is a fruit used as food flavoring because it is high in acids and can act as a souring agent. Tamarind is generally used in local dishes as a food flavoring. Empanada is a type of baked or fried food that consists of pastry and filling and is common in Latin American and Filipino cultures. In this study, bilimbi jelly was stuff in an empanada. This research was experimental in nature, and the respondents were chosen through simple random sampling. To obtain the designed data, the researchers surveyed the respondents by using questionnaires. The respondents assessed the product in terms of taste, aroma, nutritional value, competitiveness, and presentation. The taste was rated as acceptable with a weighted mean of 2.69, the aroma had a weighted mean of 3.12, the nutritional value had a weighted mean of 3.58, competitiveness had a weighted mean of 3.62, and presentation had a weighted mean of 3.30. Hence, bilimbi empanada is highly acceptable among the respondents. Although bilimbi empanada has many competitors in the market, it can compete if it can be improved in terms of taste, aroma, nutritional value, competitiveness, and presentation.

Keywords: bilimbi

Assessment on Level of Satisfaction of Gulaman Leche Flan

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Abstract

Leche flan has a layer of soft caramel on top, and the common version is made up of egg, milk, and sugar. To add a twist and make a new variety of this popular dessert, we added gulaman to leche flan. Gulaman contains several amino acids. Amino acids are compounds that are combined to make proteins and are essential for the proper functioning of various organs. Amino acids also provide energy. The uniqueness of the two individual products balances the sweetness. Innovating products does not need to reinvent the category of the product. Making smaller changes to recognizable brands attracts the attention of potential customers instead of inventing a completely new product that the people are not ready to embrace. This study focused on the assessment of Grade 12 Home Economics (HE) Strand students and teachers in Bestlink College of the Philippines. The researchers used a descriptive research design here to assess the level of satisfaction of gulaman leche flan. Five variables, such as taste, aroma, nutritional value, presentation, and competitiveness, were used to assess the acceptability of this product. The data were collected by distributing questionnaires to randomly selected respondents, including HE teachers and Grade 12 HE Strand students in Bestlink College of the Philippines. The results of this study demonstrated that the aforementioned variables will depend on the assessment on the level of satisfaction of gulaman leche flan. The product mainly gave a different perspective from the commonly known way of using the main ingredient, that is, gulaman leche flan, into a healthy dessert. The product needs to continuously seek for improvement to maintain its quality, become fully developed to compete with other existing products, and have high marketability.

Keywords: GLF

Kamias Brownies: Its Acceptability

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Abstract

Brownies come in a variety of forms and can be either fudgy or cakey. Chocolate is the typical flavor of brownies. The researchers came up with an idea to use citrus fruit as the main ingredient of brownies. The researchers chose *Averrhoa bilimbi* (kamias) for its unappreciated attributes. Kamias contains a significant number of vitamins and minerals such as vitamin B, vitamin C, protein, fiber, and iron. The researchers also used white chocolate instead of dark chocolate to the mixture of kamias brownies to extract the strong taste and achieve a balanced flavor. This study aimed to determine the acceptability of kamias brownies among Grade 12 students and teachers from the Home Economics Strand by using an experimental research design. The data were collected through a survey questionnaire. A simple random sampling technique was used to select the respondents. The findings of the study revealed the acceptability of kamias brownies. The assessment of the student respondents had a composite weighted mean of 4.10, while teacher respondents had a weighted mean of 4.17, both of which had the verbal interpretation of strongly acceptable. The results assessed the acceptability of kamias brownies, which depends on variables such as taste, aroma, nutritional value, competitiveness, and presentation. The researchers concluded that the kamias brownies are acceptable. The respondents recommended that the product should be continuously improved to maintain its quality and become fully developed to compete with other existing products and have high marketability.

Keywords: kamias, brownies, acceptability

Feasibility Study on Establishment of 1 Admin a Movie and Snack Hauz in Regalado Ave., Fairview, Quezon City

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Abstract

The proposed business offers a romantic getaway to have a date or bond with family and friends. This place is a perfect place to hang out, especially for students who have enough vacant time before their next subject. It is an excellent place for moviegoers who do not like crowds or value their privacy. 1 Admin has a spacious room depending on the type of room they want to avail to watch a movie with friends, family, or loved ones. The customers have a thousand movies with different genres to choose from. Inside the movie house, there is a snack bar where customers can buy something to eat while watching movies, such as crackers, hotdogs, and veggie fries. Drinks are also available in the snack bar. The researchers surveyed in Regalado Ave., Fairview, Quezon City. The survey questionnaire included questions about the product, place, price, and promotion. Qualitative and quantitative methods were used to collect data. The researchers used 50 respondents with the 4P criteria of marketing, namely, promotion, price, product, and place, to determine the feasibility of the business. The results of the study showed that the proposed business will grow and become successful. Given the unique quality of the business, the researchers were confident about producing the product and service to the market. The researchers had interpretations on the significance of this study based on the clients' preferences. All respondents were extremely cooperative in answering the distributed survey questionnaires. The results of the study proved that 1 Admin was accepted mostly by millennials. Thus, the combination of a movie house and snack house has a higher chance of doing well in the market because of their unique quality. Thus, 1 admin shall be pursued and established. The business has a huge chance to expand because movies never die in the entertainment industry. Overall, the researchers' financial statement must be maintained or increased every year to manage budgets and achieve to return the investment within 5 years.

Keywords: feasibility, research methods, return on investment

Feasibility Study on Establishment of Wash on Wheels in #25 G Squared, Buenamar Rd., Nova Proper, Novaliches, Quezon City

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Abstract

This feasibility study focused on the proposed business named Wash on Wheels (W.O.W) that will be established at #25 G Squared Buenamar Dr. Nova Proper, Novaliches, Quezon City. Based on the result of the survey, 70% of the respondents around Barangay Nova proper, Gulod, and San Bartolome visit a laundry shop at least two times a week to do their laundry, while 30% of the respondents have never visited a laundry shop at all. The business is forecasted to increases the service revenue by 10% annually. The salary expense will have its annual increase by 2%. Wash on Wheels will accommodate 58 services per day, and it will breakdown by different business offerings. Other related expenses will also have a 2% increase annually. The changes in owners' equity with the starting capital of P200,000 per each partner will be added to the net income (P182,237.1) by the partners. The ending capital of the business will be the new capital of the second year of the business operation. The return on investment of the business on its first-year operation is projected to be 38.78%, and it will follow by the next return on investment of the business. In terms of market viability, the business location is one of the most considerations in determining the profitability of W.O.W. The researchers proposed a new kind of laundry business to give the best satisfaction to the customer, which is the main goal of the business by having a laundry shop on wheels for the customers' convenience. In terms of management viability, the researchers noticed that balancing the operation of the business, violating the business rules and regulations, and violating the workflow of the business will have an equivalent punishment for the employees and employers due to the effects of this attitude on the business. The researchers also wanted to have more sources of water to have unlimited water for the business operation for on-call service. In terms of technical viability, the researchers noticed that surveys help make the business better because the respondents' ideas and opinions are the best references in improving the business. According to the survey, 41% of the customers want to wash their laundry by hand. Adding a mark-up of 10% will help the business to gain more profit every year and strictly monitor the equipment, supplies, and machines to reduce financial loss or repair of the business. Hence, the proponents are confident in the establishment of W.O.W Laundry Shop in Novaliches Proper, Quezon City because of the results of this feasibility study. This business proposal needs to be carried out and must be realized accordingly.

Keywords: feasibility study, laundromats, laundry, market viability, return on investment, washing machine

Feasibility Study on Establishment of VPMAN Interactive Gym in Mayaman Cor. Kalayaan Avenue, Quezon City

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Roxelen Narciso
Jessabel Pieza
Rheyben Porras
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Bestlink College of the Philippines

Abstract

This research focused on establishing a fitness gym business named VPMAN "INTERACTIVE GYM" located at #53 Mayaman Street, Corner Kalayaan Avenue, Quezon City. It will offer a unique kind of service, which is the use of VR BOX while conducting the exercise. The researchers innovate a new way of losing weight that the customers will enjoy by using VR BOX wherein one can wear the VR BOX while doing exercises. While doing the exercises, the customer can watch videos and listen to music that are compatible with the exercises, which will help improve stamina. The services were conceptualized by a small group of people by adding a unique quality of services by doing the following exercises and activities in a gaming process. The researchers chose the gym as the business and the location because it is surrounded by many establishments; many motorists also pass by. The target market of the establishment is people who want to have a healthy lifestyle. The main sources of data came from 100 respondents who knew about the services that the researchers offered. The researchers also used secondary sources, such as the Internet and books, to gain more ideas and concepts regarding the study. Findings from the study revealed that the innovated business is growing rapidly in the industry and is in demand. The results of the survey showed that 99% of the respondents are familiar with the gym, 89% of the respondents go to the gym, and 51% of the respondents are capable of going to the gym two or three times a week. The majority of the respondents visit the gym in the afternoon. A total of 96% of the respondents are familiar with gym equipment. The majority of the respondents prefer to go to the gym alone, while 39% of the respondents prefer to be with friends. A total of 52% of the respondents are willing to spend P150 per session. A total of 30% of the respondents prefer the jogging activity because they said that if they run, then they will lose some weight. The remaining 35% of the respondents are considering other activities such as weightlifting, cardio, etc. After in-depth research was conducted on the significant aspects such as the process involved in preparing the products, marketing, and financial aspect of this study, Virtual 3D GYM should be pursued and established. The researchers came up with the following financial projections. The researchers forecasted that VPMAN will have a 10% increase in service revenue annually. The cost of sales was forecasted to increase by 10%.

Keywords: cost of sales, establishment, feasibility study, interactive, gym, Olympics, revenue, VR box

Feasibility Study on Establishment of The Eventurer's in Teacher's Village, East Maginhawa St., Diliman, Quezon City

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Abstract

The Eventurer's is a company that is composed of five young entrepreneurs whose collaborative ideas have been assigned and merged to create a business proposal by sharing off different knowledge and experience in their business management subject because they believe that they can provide a good and quality service to the clients. The researchers also have the same passion and interest in this field that can help the company to become successful. The researchers conceptualized "The Eventurer's" (name of the business) by sharing different ideas and suggestions. The proposed location is Teacher's Village, East Maginhawa St. Diliman, Quezon City. The projected initial capital for the business is approximately ₱1,000,000, which includes office equipment. The name of the business, that is, "The Eventurers," is a combination of words "event" and "adventure." The main target of the company are employees at Quezon City Hall, residents of Teacher's Village, and schools and students for their programs and activities. The proponents found that the feasibility study will become successful with the guide and validated information provided by 50 respondents who were chosen through random sampling. The proponents conducted a field survey at Teacher's Village, East Maginhawa St., Diliman, Quezon City. At first, proponents brainstormed on what business to be established. A set of questionnaires was distributed as instruments for further assessments on the feasibility of establishing the business. The study was conducted among 50 respondents to determine customer's preferences. These preferences include customers' habits, sex, age, occupation, and civil status. This allowed a better understanding of whether these preferences differed among the category of customers. The survey also indicated that 50% of the respondents experienced attending event two times because of family gatherings, birthday celebrations, etc. Meanwhile, 40% of the respondent did not respond. The capital is ₱1,000,000.00. The owners allocated a budget for ₱560,000 for office rental and ₱200,000 for renovation. Additional machinery and equipment were worth ₱50,350, additional office supplies were worth ₱3,526, additional sanitary supplies were worth ₱2,350, and additional furniture and fixture were worth ₱16,200. The business accrued ₱27,200 for advertising expenses. The owners reserved ₱16,117.00 for the annual electricity bill, ₱96,000 for the water bill, and ₱23,988 for the Wi-Fi connection. Hence, The Eventurer's is feasible and viable to the market.

Keywords: adventure, advertising, equipment, event, expenses, feasibility, general partnership, hospitality, infrastructure, innovation, machinery

Assessment of Acceptance of Ampalaya Yema

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Abstract

Yema is sweet custard confectionery from the Philippines. Yema is made of egg yolks, milk, and sugar. The name "yema" is a Spanish word that means "egg yolks." It is believed that yema originated from early Spanish construction materials. During the Spanish colonization of the Philippines, egg whites are mixed with quicklime, and eggshells were used as a time of mortar to had stone walls together. Filipinos reused discarded egg yolks to various dishes. Among these dishes is yema, which may be based on the Spanish pastry "Yema de Santa Teressa." Yemas were originally made with only egg yolk and heated sugar and stirred until the consistency becomes thick. Yema is also known as a candy that is not only eaten by kids but also people of all ages. An experimental research design was utilized in this study, and simple random sampling was used to select the respondents. The instrument used here was a survey questionnaire. The researchers involved 50 Grade 12 Home Economics (HE) Strand students and 10 HE Strand teachers from Bestlink College of the Philippines. The respondents assessed ampalaya yema in terms of taste, aroma, nutritional value, competitiveness, and presentation. From the Likert scale of 5–10, the respondents rated taste and aroma as highly acceptable, with the weighted means of 3.88 and 3.92, respectively. The assessment ratings for nutritional value, competitiveness, and presentation were highly acceptable, with the weighted means of 4.09, 4.29, and 4.18, respectively. Therefore, ampalaya yema is highly acceptable. Further study about this product should be undertaken to improve the product in terms of taste, aroma, nutritional value, and health benefits. Researchers chose yema to contradict the bitterness of bitter gourd because of the sweet content flavor. The product can be easily sold because aside from having the cheapest price, it can also give nutrition to everyone. The researchers need to improve the product by adding flavoring or essence.

Keywords: ampalaya yema

Assessment on Acceptability of Churros Avocado

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Abstract

Avocado is useful as a part of the diet when aiming to control our weight. Avocado is high in calories, which means that a huge amount does not have to be eaten to obtain benefits. The name of the Spanish crispy snack that is served with melted chocolate is called churros. Churros is a fried-dough pastry-based snack that is usually eaten for breakfast after they become crunchy because of the frying. Sugar is sometimes sprinkled on top. The researchers chose churros avocado to have a unique product to improve the taste, aroma, nutritional value, competitiveness, and presentation by using avocado flavor. The experimental method was used here. A simple random technique was used to select the respondents. A simple random sample is meant to be an unbiased representation of a group. The researchers used a survey questionnaire to gather information. The results of the study showed that students had a total composite weighted mean of 3.73 for taste, 3.76 for aroma, 4.15 for nutritional value, 4.29 for competitiveness, and 4.30 for presentation. The findings of the teachers' assessment showed the composite weighted mean of 3.82 for taste, 4.15 for aroma, 4.33 for nutritional value, 4.53 for competitiveness, and 4.6 for presentation. The students had a total composite weighted mean of 4.05, which had a verbal interpretation of strongly agree. The teachers had the total composite weighted mean of 4.3, which had the verbal interpretation of strongly agree. The teachers and students said that churros avocado is a unique product compared with the other group. The researchers are willing to improve the product by using some information that they have gathered about churros and avocado to make it acceptable.

Keywords: Avocado, churros, assessment, acceptability, bread

Assessment of Acceptance of Soya Bean Pastillas

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Abstract

Pastillas is primarily homemade by carabao-rearing farmers. Soya is a member of the legume family; it is a vegetable that has many health benefits, such as a very good source of manganese, phosphorus, and protein, as well iron, omega-3 fatty acids, dietary fiber, vitamin B2, magnesium, vitamin K, and potassium. The researchers added soya beans to the original version of pastillas. The researcher utilized an experimental method research design and a simple random sampling technique for this study. To gather data, the researchers used a survey questionnaire as the instrument. Weighted mean was used to assess the product in terms of the variable taste, aroma, nutritional value, competitiveness, and presentation. The assessment showed that in terms of taste, the product had a weighted mean of 3.98, with the verbal interpretation of highly acceptable. In terms of aroma, the product had a weighted mean of 3.58, with the verbal interpretation of highly acceptable. In terms of nutritional value, the product had a weighted mean of 3.68, with the verbal interpretation of highly acceptable. In terms of competitiveness, the product had a weighted mean of 4.18, with the verbal interpretation of highly acceptable. In terms of presentation, the product had a weighted mean of 3.81, with the verbal interpretation of highly acceptable. Soya bean pastillas was highly acceptable among the respondents. Although soya bean pastillas has many competitors in the market, it can compete if it will be improved in terms of taste, aroma, nutritional value, competitiveness, and presentation.

Keywords: soya bean pastillas

Feasibility Study on Establishment of Hush Bar in Gulod, Novaliches, Quezon City

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Abstract

This research focused on establishing a combining commercial business with a proposed name Hush Bar "Movie House and Bar" to be located at #931 Quirino Highway, Barangay Gulod, Novaliches, Quezon City. The business concept provides an innovative and new experience to the customers, offering different kinds of light beers, nonalcoholic drinks, and snacks that is compatible with the place or the combining concept of "Movie House." This business is affordable and has a relaxing ambiance where one can be comfortable to relieve stress and chill in a picnic-style while watching a collection of downloaded movies and series from Netflix. The researchers idealized to combine a movie house and a bar to give a new level of entertainment and fun. The proposed business will be named "Hush Bar;" the word "hush" is the synonym of chill out or to put at rest while the "bar" refers to a retail establishment, serving alcoholic beverages. The proponents primarily considered focus group discussions and participants' observation as possible research methods due to the behavioral elements contained in this research, followed by an ocular visit to the business site. The proponents used survey questionnaires with 100 respondents. According to the survey, male respondents had the highest percentage in the conducted survey with 57% compared with female respondents with only 43% under ages 18 and above. Hush Bar offers to watch a collection of downloaded movies and series from Netflix with different kinds of snacks, such as popcorn, Buffalo wings, nachos, onion rings, and cut fruits, along with beverages, such as light beers and nonalcoholic drinks. Hush Bar also provides different kinds of fully air-conditioned rooms such as Chill box A, Chill box B, and Chill box C. A total of 95% of the respondents are already familiar with a bar, and 92% are familiar with movie houses. A total of 98% of the respondents love watching movies, and a majority prefer to watch a comedy movie. After research was conducted on significant aspects such as the process involved in the preparation of products, marketing, finance, and socioeconomic aspects of this business, Hush Bar is highly recommended to be established. The proponents had come up with the following financial projections. Hush Bar is forecasted to have a 10% increase in service revenue annually. The cost of sales is assumed to increase by 10% annually.

Keywords: hush bar, chill, dine, alcoholic beverage

Viability of Bilimbi Empanada: An Assessment

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Abstract

Bilimbi avherroa is a fruit that is used as a food flavoring because it is high in acids and can act as a souring agent. *Bilimbi avherroa* is generally used in local dishes as a food flavoring. Empanada is a type of baked or fried turnover consisting of pastry and filling that is common in Latin American and Filipino cultures. The researchers used bilimbi jelly as the filling of the empanada. This research was experimental in nature, and the respondents were chosen by simple random sampling. To obtain the designed data, the researchers utilized survey questionaries. The respondents assessed the product in terms of taste, aroma, nutritional value, competitiveness, and presentation. The taste of the product was acceptable, with a weighted mean of 2.69. In terms of aroma, the product had a weighted mean of 3.12. In terms of nutritional value, the product had a weighted mean of 3.58. In terms of competitiveness, the product had a weighted mean of 3.62. In terms of presentation, the product had a weighted mean of 3.3. Hence, bilimbi empanada is highly acceptable among the respondents. Although bilimbi empanada has many competitors in the market, it can compete once it is improved in terms of taste, aroma, nutritional value, competitiveness, and presentation.

Keywords: bilimbi empanada

Acceptability of Soya Milk Squash Cupcake

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Abstract

Soya (*Glycine max*) milk is a traditional unfermented food that uses soybeans. Soy milk came from tofu. The researchers substituted the evaporated milk for the simple cupcake, and squash was also added to the original ingredient. This research used an experimental research design, and the researchers used simple random sampling as a sampling technique. To obtain the data, a survey questionnaire was used. The assessment showed that in terms of taste, the product was acceptable, with a weighted mean of 2.59. In terms of aroma, the product was strongly acceptable, with a weighted mean of 3.56. In terms of nutritional value, the product was strongly acceptable, with a weighted mean of 3.90. In terms of competitiveness, the product was strongly acceptable, with a weighted mean of 3.57. In terms of presentation, the product was strongly acceptable, with a weighted mean of 3.99. The overall weighted mean of the product was 3.52, with the verbal interpretation of strongly acceptable. Therefore, the product is acceptable for the respondents. Further study is recommended by the researchers to improve this product to compete with other existing cupcakes in the market.

Keywords: Soya milk squash cupcake

Feasibility Study on Establishment of Rejuvenate Spa in P. Tuazon, Quezon City

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Abstract

The spa has the primary purpose of providing individual services and treatment for spa-seeking clients, with a focus on health and experiences the touch of healing. The spa offers services such as massage therapy and facial. A spa offers different treatments, with natural massage and some other treatments that you can experience. Despite difficult economic times, some people make time to relax and are willing to prioritize their spending knowing that a healthy body and mind are important. In matters related to personal service, a well-designed concept is a key to a successful business. The caring touch of skilled therapists' hands in the body benefits beyond the physical. Rejuvenate means fresh or become livelier; thus, rejuvenate is something to feel and look younger for the possible customer who needs pampering. The researchers decided to use the business name is "REJUVENATE" to make clients feel younger, fresher, and livelier. "SPA" is a commercial establishment offering health and beauty treatment through means such as feel steam baths, exercise equipment, and massage. To determine service acceptance by the customer, the researchers surveyed the respondents to measure the service probability in succeeding in the business industry. The researchers surveyed the respondents to get the statement of the respondents and to get an idea of how to help the study. The survey contained a question to be answered by the respondents' service acceptance. The study grew and become successful with the help of other resources that added additional information about the concept to broaden the knowledge of the researchers about the spa business. According to the survey, aromatherapy massage is the best choice among the respondents as it provides emotional healing components while having a massage. It boosts the mood and reduces stress and anxiety. It even reduces symptoms of depression. This type of massage combines soft, gentle pressure with the use of essential oil. Thai massage takes the second choice among the respondents. This therapy is not oil-based; it deals with stretching the legs by applying pressure on the entire back by using the palm. The researchers proved that spas can be of help to all people who work every day and need some break for body treatment, health and emotional enhancement, massage, bodywork, and energy work through relaxation. Rejuvenate spa is forecasted to have a 10% increase in service revenue annually.

Keywords: aroma, antidepressant, brand awareness, detox, feasibility, general partnership, massage, rejuvenate, spa

Acceptability of Yema Serpentina among Grade 12 Home Economics Strand Students and Teachers in Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

This research is a kind of research that can acknowledge the product that will choose the product of yema serpentina. The researchers considered serpentina because it has potential nutrients and vitamins that are good for the health of our customers. The researcher ensured the good quality of this product for all buyers and that the customers can afford the price. The researchers used a survey to easily identify how good our product is and specify our product whether is good or bad to the customer. Then, we can identify who likes and dislikes the taste of our product. We chose a survey to gather the information of respondents. In terms of taste, the variance of the assessment of the students was 0.14, and the standard deviation was 0.01. In terms of aroma, the variance of the assessments of the students was 0.01, and the standard deviation was 0.01. In terms of nutritional value, the variance of the assessment of the students was 0.01, and the standard deviation was 0.01. In terms of competitiveness, the variance of the student's assessment was 0.35, and the standard deviation was 0.01. In terms of presentation, the variance of the assessment of students was 0.01, and the standard deviation was 0.01. In terms of taste, the variance of the assessment of teachers was 0.44, and the standard deviation was 0.06. In terms of aroma, the variance of the assessment of teachers was 0.86, and the standard deviation was 0.92. In terms of nutritional value, the variance of the assessment of the teachers was 0.81, and the standard deviation was 0.09. In terms of competitiveness, the variance of the assessment of the teachers was 0.25, and the standard deviation was 0.05. In terms of presentation, the variance of the assessment of the teachers was 0.04, and the standard deviation was 0.02. They did not know what is serpentina and why the researchers choose yema to contradict the bitterness of serpentina. The product is also healthy based on the information that they gathered that serpentina can cure blood pressure, nervousness, and insomnia. With the help of our product, the customers can cure themselves without hassle. Yema serpentina is easy to sell in the market because the price is only P2.

Keywords: yema serpentina

Assessment of Acceptability of Serpentina and Oregano Pandesal

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Abstract

Serpentina is an effective herbal medicine for many illnesses, such as fever, and it also helps people who have high blood pressure to maintain it to a normal level. Meanwhile, oregano is an effective herbal medicine for our immune system. Meanwhile, pandesal is used to be the first food that Filipinos want to have every morning. The researchers put these three together to come up with an innovative product. Pan de sal, which means "bread of salt," is a typical Filipino bread that is traditionally served in breakfast together with hot coffee. The researchers used an experimental method. Random sampling was used here to select the respondents. A survey questionnaire was used to gather the information of respondents. The following are the assessments in terms of taste, aroma nutritional value, presentation, and composite weighted mean, as well as verbal interpretation. The findings showed that the composite weighted mean was 3.53 in terms of taste, 3.64 in terms of aroma, 3.99 in terms of nutritional value, 4.02 in terms of presentation, with the total composite weighted mean was 3.80, which had the verbal interpretation of strongly agree. The findings of the teachers showed the composite weighted mean of 3.4 terms of taste, 3.48 in terms of aroma, 4.35 in terms of nutritional value, and 4.25 in terms of presentation, with the total composite weighted mean of 3.87, which had the verbal interpretation of strongly agree. Therefore, serpentina and oregano pandesal is not salty, has well-blended flavors, and is delicious and appetizing. In terms of aroma, serpentina and oregano pandesal has a pleasant smell, and both respondents moderately disagreed that it has a foul odor and strongly agreed that it has a pleasing smell in a way that makes you lick your lips. In terms of aroma, the two groups of respondents assess it with the verbal interpretation of very strongly agree. In terms of the nutritional value, the two groups of respondents strongly agreed that the product is rich in vitamins, rich in minerals, good for the heart, and has low cholesterol. The composite weighted mean had the verbal interpretation of strongly agree. In terms of presentation, the two groups of respondents assessed banana peel as strongly agree by using four indicators, such as complexity, cleanliness and neat presentation, safe to handle, and enhance its aesthetic appeal. The results showed that this product is marketable because the price is affordable and it is well-balanced through the strategy that the researchers had used while doing the product. The researchers also recommended that this product should be at least the food for the people who have a problem with their sleeping routine and for people who had a problem with their high blood pressure. Given that this product has an herbal plant as an ingredient, eating it should be limited.

Keywords: assessment, acceptability, serpentina, oregano, pandesal, herbal, medicine

Level of Acceptability of Sampaloc Leche Flan

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Abstract

This research focused on determining the level of acceptability of their product sampaloc leche flan. Leche flan is rich in cholesterol because it has many eggs. Hence, the researchers made a healthy version of leche flan, that is, sampaloc-flavored leche flan, which aims to enhance the nutritional value because tamarind has anti-oxidant and anti-inflammatory properties that help fight heart disease, cancer, and diabetes. The researchers used experimental method because the study focuses on the assessment of the respondent on the characteristics of sampaloc leche flan in terms of appearance, taste, texture, and nutritional value. The results showed that sampaloc leche flan is acceptable. Based on the data from the survey, the products were accepted by the respondents, especially the students.

Keywords: acceptability, Sampaloc leche flan

Marketability of Sisig Siopao in Bestlink College of the Philippines

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Abstract

This research focused on making a new version of siopao and reviving this Chinese cuisine. Sisig siopao provides a new taste for everyone, especially for Filipinos and Chinese people living here in the Philippines. This kind of product can help others to make their siopao with a twist. The researchers used a quantitative research design in conducting this study. Questionnaires were distributed to 60 respondents, 53 of whom are students, and 7 are teachers. The results of the survey showed the composite weighted means were 3.55 for students and 3.81 for teachers. The data gathered revealed that students and teachers strongly agreed that the product is acceptable in terms of taste, aroma, nutritional value, and presentation. The results also revealed that the difference between the assessment of teachers and students in terms of the cited variables was not significant. The results of this study revealed that 60 respondents agreed that sisig siopao is delicious, rich in vitamins, safe to handle, and is a clean product. The respondents recommended adding more filling to sisig siopao to enhance the taste.

Feasibility Study on Establishment of Sweet Aphrodite Salon and Spa in Caltex Muzon SJDM, Bulacan

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Abstract

This research focused on establishing a business named Sweet Aphrodite Salon and Spa located at 3023 Muzon Caltex City of San Jose Del Monte Bulacan, which offers different kinds of salon and spa services with a recreation room for the kids. Sweet Aphrodite has been proposed as a business to help women, especially all mothers, relax and provide them a place to pamper themselves. The concept of the proposed is to give every woman, especially all mothers, the relaxation they need. The researchers used secondary sources of research, such as Internet sources and books, to gain more ideas and concepts regarding the study. Afterward, in-depth research was conducted regarding the significant aspects such as the process involved in preparing the services, marketing, and financial aspect of the study. The researchers used a chart to describe what they did within 5 months and budgeting the capital that the researchers invested had been fully analyzed. Hence, the researchers came up with the conclusion and recommendation to establish the proposed business. According to the survey, 98% of the respondents are familiar with salons and spas, wherein 91% want these businesses to have a playground for kids. A total of 62% of the respondents are willing to pay P500 to P1,000 for the services and even agreed to pay for a cup of coffee and snack while in the shop. A total of 37% of the respondents visit a spa salon once a month. Most of the respondents prefer to have someone who can entertain them while doing the service. Meanwhile, 53% of the respondents want to have a soft massage with the use of oil-based products, and 32% of the respondents want to have a hard massage with the use of lotion. Respondents prefer to recommend the product and services of Aphrodite through Facebook. The researchers have come up with the following financial projections. The financial plan consists of the income statement, projected financial position, cash flow return on investment, and a statement of changes in equity. The business was forecasted to have a 10% increase in sales revenue annually. The cost of sales was forecasted to increase by 10%. All related expenses will have 2% increases annually. The business will accommodate 150 sales per day, and it will breakdown by different kinds of business offerings based on the financial note. The changes in owners' equity with the starting capital of P200,000 per each of the partnership is added with the net income (P299,334.70) by the partner and the ending capital of the business is the new capital of the second year of the business operation. The return of investment of the business on its first-year operation is 32.33%, and it will follow by the next ROI of the business.

Keywords: café, feasibility, related expenses, return on investment, salon, spa

Feasibility Study on Establishment of Foodchanic Shot Resto-Bar in Zabarte Road, Novaliches, Quezon City

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Abstract

This research wanted to propose a business store named Foodchanic Shot and is planning to locate it at 24 Ext. Zabarte Road, Novaliches Quezon City. The business offers a service of resto-bar and mechanic shop. The best thing about Foodchanic Shot is time management because people will have something to do while they are waiting for their motorcycle to be repaired. In that concept, you can save more time especially when you are in a hurry. We offer an affordable budget to the customer such as grilled and express meals with unlimited rice. Foodchanic Shot will be located at 24 Ext. Zabarte Road, Novaliches, Quezon City, which will make it situated near schools, residential areas, and shopping malls. The main objective of the business is to gain profit and offer quality products and services in terms of the food and motorcycle industries. The proponents surveyed 100 respondents by using a questionnaire. The researchers also used secondary sources, such as Internet sources and books, to gain more ideas and concepts regarding the topic. Initially, the authors considered focus group discussion and market observations, as well as ocular visits to the business sites. The results of the survey showed that 100% of the respondents are familiar with resto-bars. A total of 96% of the respondents are familiar with the motorcycle shop industry. Meanwhile, 90% of the respondents prefer to have the mechanical repair shop to be extended for service into a resto-bar. A total of 96% of the respondents are willing to visit a resto-bar for relaxation. Social media is the most effective tool for promotions according to the survey. The researchers studied the industry demand of the chosen business to know the best strategy on how to gain many customers aside from the target market and know what kind of services and product that may offer nowadays that will patronize of customers. The researchers surveyed from District II if the resto-bar with extensional service of small engine parts repair will be popularized and suit the location of business. The proposed business has an initial capitalization that is more than enough to meet the need for operating cost and working capital. The proposed business has an average buffer margin ratio of 10%–80%. Its assets are rapidly increasing due to operation and not due to investment.

Keywords: situated, proponents, patronize

Assessment on Level of Acceptability of Squash Crinkles

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Abstract

Crinkles are delicious, soft, and fudge-like cookies that are coated with confectioners' sugar. Originally, crinkles are baked with chocolates. The researchers added vegetable, that is, squash, to the original version of crinkles. This study used experimental research. The researchers utilized simple random sampling to select the respondents. Survey questionnaires were used to gather data. Squash crinkles were assessed in terms of variables such as taste, texture, nutritional value, competitiveness, and presentation. The results showed that the product was acceptable in terms of all variables, with a weighted mean of 3.76. The respondents recommended that the product should be improved. Further study on the marketability of squash crinkles is important for business purposes.

Keywords: squash, crinkles

Level of Acceptability of Turmeric Ice Cream

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Abstract

Ice cream is loved by most children and young teens, especially when the weather is hot because ice cream helps lower the body temperature. Ice cream is a sweetened or flavored frozen food that is typically eaten as a snack or dessert. To add a twist to ice cream, the researchers used turmeric as the flavor to give a unique and enticing taste to the customers. Turmeric (*Curcuma longa*) is a flowering plant from the ginger family, Zingiberaceae. The roots of turmeric are used for cooking and used as a spice for specific foods. The main purpose of this study was to know the level of acceptability of turmeric as the main ingredient in ice cream to the selected respondents in Home Economic Strand and determine whether a spice is acceptable as the main ingredient in ice cream. The researchers used the descriptive method of research to determine the prevailing conditions affecting a given group. The researchers used a simple random technique. To gather the information of 50 respondents, the researchers used survey questionnaires. The result of this study revealed the level of acceptability of turmeric ice cream in terms of the cited four variables. The taste of turmeric ice cream is good, delicious, and has a well-blended flavor. It also has a unique flavor because of turmeric. In terms of aroma, the strong smell of turmeric affects the acceptability of turmeric ice cream. In terms of nutritional value, turmeric ice cream has health benefits because turmeric is usually used as a flavoring agent and especially its most active compound called "curcumin," which has many scientifically proven health benefits. In terms of presentation, the product is well-presented and easy to handle. The packaging also enhances the aesthetic appeal of turmeric ice cream. The results showed that turmeric is acceptable among the two groups of respondents.

Keywords: acceptability, turmeric, ice cream

Level of Acceptability of Bangus Siopao

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Abstract

The word siopao literary means "hot bun," and the Philippines version of Cantonese steamed bun is called chasibao. Siopao is another food of China that became popular in the Philippines; it refers to steamed buns with delicious fillings and is sold mostly in Chinese restaurants or by sidewalk vendors in the Philippines. Milkfish (bangus) is generally fried, made into soup, and even grilled. The fresh meat of bangus can also be used for sashimi, fish cakes, and fish balls. Bangus is a good source of proteins, minerals, and vitamins, as well as omega 3. There are many types of Siopao in our country, and it is a very popular snack for Filipinos. Siopao is commonly visible on the street and is known as street food, and it is the most widely recognized as a Filipino pastry. The researchers used an experimental research design. The sampling technique used in this study was random sampling. The instrument used in this study was a survey questionnaire. The findings showed that the total composite weighted mean for students was 3.80, which had a verbal interpretation of strongly agree. The total composite weighted means for teachers was 3.87, which had a verbal interpretation of strongly agree. Therefore, the difference between the two respondents is not significant. In terms of taste, the two groups of respondents very strongly agreed that bangus siopao has a well-blended flavor and is delicious and appetizing. In terms of aroma, the two groups of respondents moderately agree that it has a pleasant smell. In terms of nutritional value. the respondents strongly agreed that it has vitamins, minerals, and omega 3, which is good for the heart. In terms of presentation, the two respondents strongly agreed that it is well-presented, neat, and clean. Therefore, bangus siopao is acceptable in the market.

Keywords: siopao, bangus, acceptability

Assessment on Viability of Ampalaya as Alternative Ingredient in Making Empanada Crust

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Abstract

Food is important to everyone, especially for growing children. Nutrition is the process by which a person takes in and assimilates the right amount of nutrients to keep the body healthy and strong. With proper nutrition, a person will have protein and carbohydrates that are needed to fuel his/her active lifestyle. Empanada with ampalaya mixture is a type of pastry food made of ampalaya combined with pork. It can decrease cardiovascular risk and also has dietary fiber. It will help metabolize homocysteine, which is an amino acid that would otherwise accumulate toxic levels. It is acceptable to the students because the taste is good and has a crunchy crust. The researchers chose the experimental method, survey method, and simple random sampling technique for this study. A questionnaire is a research instrument consisting of a series of questions (or other types of prompts) to gather the information of respondents. The investigation was conducted on Bestlink College of the Philippines in December 2019. The questionnaire served as the instrument for collecting the data. Out of 50 students and 10 teachers, 57.4% and 62.6% agreed that our product is delicious in terms of taste, respectively. Meanwhile, in terms of the aroma of our product, 56.4% of the students and 56.4% of the teachers agreed. In terms of the nutritional value, 72.4% of the students strongly agreed that our product is rich in vitamins, while 94% of the teachers very strongly agreed. In terms of competitiveness, 73.4% of students and 89% of teachers strongly agreed that our product can compete in the market. Lastly, in terms of presentation, 65.6% of the students and 66.8% of the teachers agreed that our product has a pleasing appearance. The difference between the students and teachers was significant. In conclusion, the product is budget-friendly mostly to students, which makes it marketable. Some of the respondents said that our product is good and smells great, thereby indicating that the aroma almost influenced its taste. The respondents said that we need to improve the taste slightly. Some of the respondents said that our product has an aftertaste, and some said that the ampalaya did not mix with the product well.

Keywords: ampalaya, empanada

Acceptability of Malunggay Milk Fish Patty among Grade 12 HE Strand Students of Bestlink College of the Philippines

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Abstract

In this study, the researchers determined the level of acceptability of the malunggay milkfish patty. A qualitative method was used as the research design to gather data from the respondents. The total of teachers and students was 4.1, which had the verbal interpretation of strongly acceptable. The respondents approved our product, including the taste. The respondents also indicated that our malunggay milkfish patty tastes good. It has many health benefits because it has malunggay. The product is also marketable and affordable. The results showed that the respondents agreed on our product, malunggay milkfish patty. It has the same nutritional value that may heal diseases. The respondents suggested that the researchers should make this product because it is healthy and will lead to a huge profit. This study determined the overall marketability and affordability of the business. The product also helps prevent several lifestyle-related health problems.

Keywords: moringa patty

Acceptability of Cucumber Jam as Main Flavor of Cupcake among Grade 12 Students and Techers in Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

Cucumber is the main ingredient of cupcakes in our research. Cucumber has good benefits such as low calories, which makes it good for the diet. Cucumber also contains antioxidants and is high in nutrients. The cucumber is one of the Asiatic species and a member of the Cucurbitaceae family. Jam is sweet because it contains sugar. In this research, we combined cucumber with sugar to make cucumber jam. The researchers included cucumber jam in a cupcake as a condiment. Jam is generally made from pressed fruit and sometimes pectin. Most jams are cooked. Generally, a jam contains as much sugar as it contains fruit. Then, the two parts are cooked together to form a gel. Cupcake is one of the most affordable desserts in our society. A cupcake is a small sweet baked dessert topped with frosting. The researchers used experimental research method in this study. The researchers also used random sampling method in choosing the respondents. Survey questionnaire was used to gather data from 50 students and 10 teachers. Generally, the total composite weighted mean for students was 4.32, and the total composite weighted mean for teachers was 4.02. The students and teachers of Bestlink College of the Philippines were described in terms of gender, age, highest educational attainment, board exam passed, TVL certificate holder, and years of teaching experience in the respective field of specialization. This research aimed to determine the acceptability of cucumber jam as the main flavor of cupcakes. The researchers learned how to choose the right ingredients and where to buy those ingredients to make the product look and taste like the usual product you are doing. Most of the respondents had positive feedback about the product, but some respondents had negative feedback, which may be due to differences in taste.

Keywords: cucumber cupcake

Level of Acceptability of Banana Leche Flan

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Abstract

The researchers introduced a new leche flan flavor to the customer. Leche flan is a sweet creamy dessert that originated in Spain. Banana leche flan is a healthy combination of banana and leche flan. The highlight ingredient of the dish is banana, which serves as the new ingredient to leche flan to make it healthy for the customers. The researchers made a special, nutritious, and affordable product. The researchers used the experimental research method here. The researchers used a random sampling technique, in which each sample has an equal probability of being chosen. The researchers also used a survey questionnaire to easily obtain data about the perception or feedback of the respondents to our product. Using survey questionnaires, the researchers can analyze the demand quantity of the product and its popularity among the customer. The researchers found out that most of the respondents very strongly agreed to the taste, price, and presentation of banana leche flan. Meanwhile, in terms of aroma, most of the respondents strongly agreed. According to the information gathered by the researchers, the product will be acceptable. Banana Leche Flan is much healthier compares to the regular Leche Flan. The researchers added banana to leche flan. The main focus of this research is to make a healthier version of leche flan. Banana leche flan made by the researchers aims to offer a new dessert that is not only delicious but also nutritious.

Keywords: leche flan

Acceptability of Squash 'Desal

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Abstract

One of the Filipinos' specialties is to prepare nutritious food because they put premium nutritional value to furnish their bodies with adequate nourishment for growth to maintain and repair cells and tissues. Essential for good health is an outweighing factor in the selection of a nutritionally adequate diet and also an indication not only of the physical state of an individual but also of his general attitude toward work, play, and life itself. Appropriate nourishment gives the feeling of well-being. Hence, a variety of menus makes an individual skillful in planning such kinds of menus. Baking is regarded as the best method of cooking to retain the nutritive value of food. Baked products are not only rich in calories but also in protein, fats, minerals, and vitamins. Given that they do not contain much cooking oil, baked products are digestible. They also have a long shelf life. It also allows an individual to be creative. The baker who enjoys his work tries new recipes from time to time, thereby improving the quality of his/her products. The researchers used a descriptive research design. The researchers also used a random sampling technique to choose the respondents. According to the researchers' findings, squash 'desal has a good taste, aroma, texture, and appearance. Thus, this product can be accepted in the market. The product is not only good for health but can also become one's business at home. Based on the information gathered by the researchers, the product will be acceptable in the market. The respondents also recommended improving the product's size. The researchers need a good marketing strategy to introduce their product in the market.

Keywords: acceptability, squash pandesal, baked products

Acceptability Level of Squash Dough Chicken Empanada among Senior High School Students and HE/HRM Teachers in Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

We conducted this study to add raisins to the filling of the chicken empanada. We also want to try making chicken empanada that is affordable and has an appealing presentation that will satisfy the customers. Chicken empanada is a type of pastry that is stuffed with chicken meat, potato, carrots, and giniling. Chicken empanada is made by arranging the filling in the middle of the flattened dough and sealing it by pinching and folding the edges. Empanada can be either fried or baked. The primary concept of the business is to produce quality squash dough chicken empanada that is healthy and affordable. The researcher used a survey method to know the opinion of the people about our product and determine the possible outcome. In terms of location, 65% of the respondents said that our stall is accessible, 35% of the respondents said that it is hot and uncomfortable. A total of 35% of the respondents said that our product is unsatisfying. A total of 65% of the respondents said that the promotion strategy of our product was compatible, while 27% of the respondents said it was incompatible. In terms of the presentation, the respondents agreed that it has a pleasing appearance because it is colorful, attractive to the customer, and properly presented. The composite weighted mean of X1 and V1 for the students was 4.22, with the verbal interpretation of very strongly agree (VSA). In terms of appearance, the composite weighted mean of X1 and V1 for teachers was 4.26, with the verbal interpretation of strongly agree (SA). In terms of color, the composite weighted mean of X1 and V1 for students was 3.84, with the verbal interpretation of SA, while that of X1 and V1 for teachers was 4.1, with the verbal interpretation of SA. In terms of attractiveness, the composite weighted mean of X1 and V1 for students was 4.2, with the verbal interpretation of VSA, while that of X1 and V1 for teachers was 4.43, with the verbal interpretation of VSA. In terms of presentation, the composite weighted mean of X1 and V1 for students was 4.0, with the verbal interpretation of VSA, while that of X1 and V1 for teachers was 3.6, with the verbal interpretation of SA. For students, the composite weighted mean of X1 and V1 was 3.16, with the verbal interpretation of SA, while that of X1 and V1 teachers was 3.63, with the verbal interpretation of SA. The researchers concluded the majority of the two groups of respondents had the same perception of the acceptability level of squash dough chicken empanada. The researchers obtained the same good comments from the respondents, saying that the product has a rich smell and has good health benefits, such as vitamin C, vitamin E, vitamin B6, thiamin, and vitamin A. The respondents recommended decreasing the dough and fillings.

Keywords: squash dough empanada

Level of Acceptability of Banana Jackfruit Pizza in Grade 12 Home Economic Strand Students in Bestlink College of the Philippines

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Abstract

Pizza was brought by Italian immigrants with them to Spain, France, England, and United States. Pizza became popular in America after the soldiers stationed in Italy returned from World War II. During the latter half of the 20th century, pizza became an iconic dish of considerable popularity in the United States. Banana and Jackfruit can be found anywhere and anytime. Most pizza toppings are vegetables and meat. Pineapple is the only fruit that is used as pizza toppings. Hence, the researchers made a pizza with banana and jackfruits as toppings. In this study, the researchers used an experimental research design. The researcher used random sampling to select the respondents. The researchers also used a survey questionnaire to gather data from the respondents. The results showed that in terms of texture, aroma, and appearance, the teachers and students strongly agreed. Overall, the teachers and students strongly agreed. Hence, the differences in all cited variables are not significant. Banana Jackfruit Pizza has a unique taste. Some respondents also said that it has a unique concept. The researchers recommended that future researchers should use bananas and jackfruit as their innovative products. The researchers also recommended that future researchers should use jackfruit jam in case of emergency because jackfruit is a seasonal fruit. They also need to have their source of jackfruit.

Keywords: pizza, banana jackfruit, Italian immigrants

Feasibility Study of Melcheesartuza

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Abstract

In this generation, pizzas are expensive because of their ingredients. Some of the main ingredients in pizza include pork, ham, and hotdog, which is why pizzas became famous and expensive. Pizza Hut and Greenwich are examples of a pizza store that has famous and expensive pizzas. This study showed the uniqueness of this product because of the ingredients used. Onion contains chromium and vitamin C, which can help to regulate blood sugar, and bell pepper contains a high level of antioxidants. The researchers chose an experimental research design because our product is experimental. The researchers chose a simple sampling technique and used extraction to choose the respondents. The researchers used a survey questionnaire as an instrument to know what is the results and what we can change. The respondents agreed and checked the taste. In terms of taste, aroma, nutritional value, and presentation, and composition, the weighted mean for the students was 3.86, with the verbal interpretation of strongly agree (SA) in students frequency, while that for teachers was 4.26, with the verbal interpretation of SA. This research focused on the level of feasibility of Melcheesartuza in Grade 12 Home Economics students in Bestlink College of the Philippines. This paper also showed how the researchers came up with the product. The results showed that their product is feasible. The respondents recommended that the texture of the dough should be improved. The respondents also recommended that the researchers should need to explain the nutrients in the product.

Keywords: pizza

Level of Acceptability of Red Beans Cookie

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Abstract

This research focused on the production of the unique taste of red bean cookies. This product is made of red beans, white sugar, brown sugar, vanilla, salt, butter, eggs, all-purpose flour, and baking soda. Most people eat cookies for a snack and sometimes make it as a business. A cookie must contain nutrients for the consumer. Red bean contains nutrients that are good for the health. Hence, we mixed red beans into the cookie to make a nutritious snack for a student, a teacher, or anyone who has tasted it. We chose an experimental research design and simple random sampling to select 50 students and 10 teachers. The researchers used a survey questionnaire to gather the data of the respondents. Based on the findings, the product was acceptable in terms of taste because of the balanced sweetness, aroma because of the delicious smell, nutritional value because of the nutrition of the red beans and cookies, and price because it is affordable and has a good presentation. The researchers concluded that a product must have a consistent taste. If the ingredient is not available, then the alternative ingredients are green munggo and kidney beans, which will taste the same as red beans.

Keywords: red bean, cookie

Assessment of Level of Acceptability of Sayote Muffin

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Abstract

Muffins are generally prepared with egg white and wheat that serves as the reference effect for different nutrients such as potassium, zinc, magnesium, and vitamin C. All muffins have sugar as the main source of sweetness, which is not beneficial to be eaten by people with diabetes. The researchers wanted to reduce the sugar content and add healthier ingredients, such as sayote. The researchers utilized the experimental research design, and the respondents were selected by a simple random sampling technique. Survey questionnaires were distributed to collect the pertinent data for this research. The collected data were tallied. To assess the product, a weighted mean was used as the statistical tool. The assessment of acceptability was subdivided into the following variables: taste, aroma, nutritional value, competitiveness, and presentation. In terms of taste, the weighted mean for teachers was 2.05, with a verbal interpretation of disagree, while a weighted mean for students was 3.23, with the verbal interpretation of moderately agree. In terms of aroma, the weighted mean for teachers was 2.22, with the verbal interpretation of disagree, and a weighted mean for students was 3.25, with the verbal interpretation of moderately agree. The weighted mean for the teacher in the variable of nutritional value was 3.25, with the verbal interpretation of agree, while that for the students was 3.6, which also had the verbal interpretation of moderately agree. The weighted mean for the variable presentation for teachers was 2.95, with the verbal interpretation of moderately agree, which that for students was 3.6, which also had the verbal interpretation of moderately agree. Lastly, the weighted mean of the variable competitiveness for teachers was 3.87, which had the verbal interpretation to agree, while that for students was 3.88, which had the verbal interpretation of agree. The researchers recommended the following. The researchers recommended repeating the experiment in terms of taste, aroma, and marketability of the sayote muffin. The researchers also recommended decreasing the sugar in sayote muffins. The researchers also recommended avoiding leaving the sayote muffin for a day because spoils easily. The researchers recommended not to bake the sayote muffin dough at a high temperature or else its nutrition would disappear.

Keywords: sayote, muffin

Feasibility Study on Establishment of Readhacks Cafe in Edsa Muñoz, Quezon City

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Abstract

This research focused on establishing a bookstore with a cafe with a brand name Readhacks Café "Interactive Coffee Shop" offering different genres of books and a tablet rental while serving coffee, frappe, and cake, where customers may enjoy reading and browsing. The researchers conceptualized this type of café bookstore for customers who want to relax their minds. The researchers named the business "Readhacks Café." "Readhacks" came from the word "read," representing a book, while "hacks" means entering general usage with a new technological sense of "solution" or "work-around." This is similar to the phrase "life hack, a strategy or technique adopted to manage one's time and daily activities more efficiently." The business will be located at 1197-A EDSA, Muñoz, Quezon City. For this feasibility study, the proponents used the data from 100 respondents through a survey questionnaire. The service and product are unique because the café offers books with different genres, and the café also offers beverages and cake for the customer who wants to enjoy reading while eating. The results of the survey showed that 100% of the respondents are familiar with different bookstores. Hence, the proponents expect that potential customers will visit Redhacks Cafe. A total of 36% of the respondents go to bookstores to buy books, while 32% of the respondents avail of other services being offered by the bookstore. A total of 28% of the respondents purchase school supplies, and only 4% of the respondents are looking for music supplies. Readhacks Café was forecasted to have a 10% increase in service revenue annually. The cost of sales was forecasted to increase by 10%. The business paid the salary expense and will annually increase by 2%. Readhacks Café will accommodate 100 sales per day, and it will breakdown by different kinds of business offerings. The rent expense of the business was forecasted to increase by 2% yearly. Utility expenses will have an annual increase of 2%. The miscellaneous expense was forecasted to increase by 2% yearly. Readhacks Café paid the advertising expense, amounting to P2200, and it is assumed to have an annual increase of 2%.

Keywords: bookstore, budget, cafe, feasibility, general partnership, interactive, shop, tablet

Level of Acceptability of Puso ng Saging Burger of Grade 12 Home Economics Strand Students in Bestlink College of the Philippines

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Abstract

The researchers made an innovative product, which is "puso ng saging burger," which means "banana blossom burger" in English. Puso ng saging contains vitamins such as vitamin A, vitamin B, vitamin C, vitamin E, pantothenic acid, fiber, niacin, and thiamin. It has also minerals such as protein, calcium, magnesium, phosphorus, etc. It has anti-inflammatory, antibacterial, antiviral, antimicrobial, and anticancer properties. It also contains antioxidants that help the body fight free radicals, which have harmful effects on the body. A burger is one of the most common foods that all Filipinos love. The researchers want to combine puso ng saging in a burger patty. The researchers studied this product to learn more about puso ng saging. This study used an experimental research design. Randomized experimental designs provide the highest levels of causal validity. Quasi-experimental designs have several potential threats to their causal validity. This table presented the overall weighted mean for all results of taste, aroma, presentation, and nutritional value. The respondents included students and teachers. The overall weighted mean for students was 4, which had the verbal interpretation of strongly agree. The overall weighted mean for teachers was 3.7, which had the verbal interpretation of strongly agree. Students and teachers strongly agreed on all indicators. The researchers summarized the results in terms of taste, aroma, presentation, and nutritional value on a table. The difference between the two groups was not significant. Teachers strongly agreed, with a weighted mean of 4, and the students strongly agreed, with a weighted mean of 3.7. The two groups of respondents strongly agreed. Puso ng saging burger sustained the respondent's health issues because of the vitamins and minerals it contains, which can sustain the respondent's health. It also has texture and good eye appeal. The researchers recommended eating the puso ng saging burger with tomato, lettuce, mayo, and catchup. Lastly, the researchers recommended studying this product further. This study will help future researchers who will study a similar topic.

Keywords: puso ng saging burger

Level of Acceptability of Cheesy Potato Croquette Coated with Peanuts

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Abstract

Potatoes are excellent sources of many vitamins and minerals such as calories, protein, potassium, vitamin C, etc. Peanuts are rich in protein, fat, and various healthy nutrients. Thus, we created a cheesy potato croquette coated with nuts to combine potato, meat, cheese, and nuts as a healthy snack. Experimental methods involved manipulating one variable to determine if changes in one variable will influence other variables. A survey questionnaire, which is a type of data gathering method that is utilized to collect, analyze, and interpret different views of a group of people, was used here. We also used simple random sampling, which is a basic sampling technique where we select a group of subjects for study from a larger group, to select the respondents. The results showed that teachers got a weighted mean of 4.0, which had the verbal interpretation of strongly agree. The students obtained a weighted mean of 4.1, which had the verbal interpretation of strongly agree. Hence, the difference between the two groups of respondents is significant. Cheesy potato croquette is good to eat as a snack because of the benefits and our unique concept. We hope that future researchers will help improve this snack.

Keywords: cheesy potato croquette

Level of Acceptability of Bilimbi Cucumber Jam in Grade 12 Home Economics Students in Bestlink College of the Philippines

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Abstract

Bilimbi, which is also known as *Averrhoa bilimbi*, is a fruit-bearing tree of the genus Averrhoa and is a close relative of the carambola tree. Cucumber, which is also known as *Cucumis sativus*, is a cultivated plant that belongs to the gourd family. We chose bilimbi and cucumber as our main ingredients because they are rich in nutrients such as calcium, phosphorus, carotene, niacin, iron, thiamine, and fiber. Cucumber is also rich in nutrients such as vitamin K, vitamin C, magnesium, potassium, manganese, and vitamin A. The study utilized experimental research that strictly adheres to a scientific research design. It includes a hypothesis, a variable that can be manipulated by the researchers, and variables that can be measured, calculated, and compared. This research method is referred to as hypothesis testing or deductive research method. A simple random sampling technique was used in this study, where a subset of individuals was chosen from a larger group. Each individual was chosen randomly and entirely by chance. A survey questionnaire was used as the instrument to gather information from respondents. The table showed the summarized results in terms of the overall weighted means for the taste, aroma, nutritional value, and presentation. In terms of taste, the students obtained a weighted mean of 3.6, which was highly acceptable, and the teachers obtained a weighted mean of 3.6. In terms of aroma, the students obtained a weighted mean of 3.7, which was highly acceptable, and teachers obtained a weighted mean of 3.4, which was acceptable. In terms of the nutritional value, the students and teachers had the same weighted means, which had the verbal interpretation of highly acceptable. In terms of presentation, the students obtained a weighted mean of 4.4, which was highly acceptable, and teachers obtained a weighted mean of 4.2, which was highly acceptable. In making this study, the researchers knew the level of acceptability of bilimbi cucumber jam and if there are potential buyers. After analyzing the data gathered, we knew that there is a possibility to sell our product in the market. Bilimbi and cucumber have many nutrients that our body needs. The researchers recommended that future researchers should study bilimbi and cucumber further because of the nutrients they have. Bilimbi is also cheap; hence, if you create products by using bilimbi and cucumber in your business, then you will earn more profit.

Keywords: bilimbi cucumber jam

Level of Marketability of Pechay Bread

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Abstract

Pechay bread contains fiber, folic acid, calcium, and vitamin K. These nutrients have powerful antioxidant properties that help protect cells against damage by free radicals. It is also high in calories and carbohydrates but low in protein, fat, fiber, and many vitamins and minerals. Bread is a staple food in a great number of the world's regions. As a firm component of many traditional cuisines, "the staff of life" is widely regarded as untouchable. Here, the researchers used a survey questionnaire to collect information from the respondents, which included HE teachers and students in Bestlink College of the Philippines. However, the researchers usually have a fairly low response rate. People also do not always answer all the questions, and/or they do not answer them correctly. The table showed the responses. In terms of age, students and teachers got 100%, and the responses in terms of gender had a total of 100% for female and male students and female and male teachers. In terms of length of services, teachers got a total of 100%. In terms of the overall result in chapter 4, the difference between HE teachers and students was not significant. The researchers wanted to know if pechay bread can also be one of the successful unique products in the market, specifically to the customers. Our survey would like to introduce a variety of bread, namely, pechay bread, which has benefits and nutrients to the consumers.

Keywords: pechay bread

Level of Marketability of "Squash Turon with Dulce"

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Abstract

Squash, which is also known as *Cucurbita maxima*, is a genus of herbaceous vines in the gourd family, Cucurbitaceae, that is native to the Andes and Mesoamerica. Five species are grown worldwide for their edible fruit and known as squash, pumpkin, or gourd, depending on species, variety, local parlance, and their seeds. Squash is rich in vitamin A, vitamin B6, vitamin C, folate, magnesium, fiber, phosphorus, and potassium. The researchers used squash turon with dulce because squash has nutrients that are good for our body. This study utilized experimental research, which strictly adheres to a scientific research design. It includes a hypothesis, a variable that can be manipulated by the researchers, and variables that can be measured, calculated, and compared. A simple random sampling technique was used in this study. Respondents assessed the taste, aroma, nutritional value, and presentation of the product. In terms of taste, students had a weighted mean of 4.2, with the verbal interpretation of highly acceptable, and teachers had a weighted mean of 2.8, with the verbal interpretation of acceptable. In terms of aroma, the students had a weighted mean of 3.2, with the verbal interpretation of highly acceptable, and the teachers had a weighted mean of 2.5, with the verbal interpretation of acceptable. In terms of the nutritional value, the students had a weighted mean of 4.7, with the verbal interpretation of very highly acceptable, and teachers had a weighted mean of 3.2, with the verbal interpretation of acceptable. In terms of competitiveness, the weighted mean for students was 4.5, with the verbal interpretation of very highly acceptable, and a weighted mean for teachers was 3.1, with the verbal interpretation of acceptable. We recommended this product because it is innovative. It has vitamins; summer and winter squash are full of nutrients and contain trace amounts of B vitamins and healthy doses of iron, calcium, magnesium, and potassium. This product is marketable and affordable.

Keywords: squash turon

Assessment of Acceptability of Ampalaya Egg Pie

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Abstract

This research focused on determining the level of acceptability of ampalaya egg pie. Many children, including teenagers, do not eat nutritious food, which results in malnutrition in many countries. Most children now eat more junk food than fruits and vegetables. Eating excess sweets can cause tooth decay, tonsilitis, and may lead to diabetes. Eating junk foods can also cause UTI and kidney failure. Eating too much junk food is not advisable and is bad for our health. Ampalaya egg pie is a sweet custard confectionary from the Philippines. Children have a problem eating ampalaya because of its bitter taste. Ampalaya can help relieve liver problems, control blood sugar, prevent HIV, protect against skin disease, avoid sterility in women, kill parasites, reduce fever, and purge illness from the body through defecation. The ampalaya leaves and fruits contain vitamin B, iron, calcium, and beta carotene. The researchers used an experimental method because the study focused on the assessment of the respondent on the acceptability of ampalaya egg pie in terms of taste, aroma, nutritional value, competitiveness, and presentation. After the study was conducted, the results showed that ampalaya egg pie is acceptable. Based on the data that we gathered from the survey, our product was accepted by the teachers and students. All 60 respondents agreed that our product will be accepted by the people. The research focused on the level of acceptability of ampalaya egg pie in Bestlink College of the Philippines. Egg pie is a sweet Filipino dessert that resembles an egg custard. It is rich and delicious but very easy to prepare. The researchers had an idea to give an extra twist and nutritious benefits of egg pie and ampalaya.

Keywords: ampalaya, egg pie

Level of Acceptability of Fruit Coffee Shake in HE Strand Students in Bestlink College of the Philippines

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Abstract

Coffee is one of the most popular drinks in the world and can be presented in a variety of ways. Fruits are a good source of vitamins and minerals. Fruit coffee shake is a coffee drink that has more nutrients than ordinary coffee and has a fruit flavor. Most people do not have enough time to eat or buy fruits in the market. Thus, the researchers' product can help them be healthy; it is not an ordinary fruit because it is coffee flavored with fruit. It is very healthy. The researchers used a descriptive research design; survey questionnaires were administered to 50 Home Economics (HE) students and 10 HE teachers that were chosen purposively. The survey questionnaire was constructed to determine the level of acceptability of fruit coffee shakes in the HE Strand of Bestlink College of the Philippines. The respondents agreed that the taste, aroma, nutritional value, and presentation of the product were balanced. Most respondents stated that fruit coffee shake has a good combination of fruit and coffee. The respondents liked the flavor of buko, watermelon, and apple and said that fruit coffee drinks also helped them relax. The researchers gave their conclusion and recommendations. Drinking fruit coffee shake boosts energy. It helps strengthen their body. It also adds minerals, refreshes their body and mind, and replenishes their strength. Fruit coffee shake helps people who love coffee because it has nutrients from fruits. Students should explore the importance of fruit and coffee in our body because fruit coffee shake has a good combination.

Keywords: coffee, apple, watermelon, buko, fruit

Acceptability of Squid as Main Ingredient in Seafood Patty

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Abstract

The study showed the level of acceptance of squid (decapodiforms) as the main ingredient in making seafood patty. In making patties, time and patience are very important. The researchers used an experimental research design. The respondents were chosen by a simple random sampling method, and survey questionnaires were used to gather data. The total mean of teachers and students was 3.6, which was strongly acceptable. The results of this research showed that all the senior high school students have different comments when they tasted the squid patty. Every respondent gave suggestions to make the product more attractive to consumers. The researchers recommended that the product can be improved by other companies. It can be improved by creating patties with other flavors that can entice the customers. This product can also help you start a business.

Keywords: squid patty

Level of Acceptability of Chocolate Calamansi Brownies in Grade 12 Home Economics Students in Bestlink College of the Philippines

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Abstract

Calamansi, also known as *Citrofortunella microcarpa*, is a small hybrid citrus plant that has fragrant white flowers and small round fruit. Calamansi is native to the Philippines and has grown as a houseplant. Brownies are a small square chocolate cake that typically contains nuts. We used calamansi as one of the main ingredients of our product because calamansi is rich in ascorbic acid, calcium, magnesium, and phosphorus. Calamansi is also a natural skin bleaching agent that can lighten your skin and even out the tone remarkably. This study utilized experimental research that strictly adheres to a scientific research design. It includes a hypothesis, a variable that can be manipulated by the researchers, and variables that can be measured, calculated, and compared. A simple random sampling technique was used in this study. Each respondent was chosen randomly and entirely by chance. A survey questionnaire was the instrument used in this study. We summarized the overall weighted mean of taste, aroma, presentation, and nutritional value. In terms of taste, the weighted mean for students was 2.7, which was acceptable, and that for teachers was 3.8, which was highly acceptable. In terms of aroma, students and teachers had the weighted means of 3.5 and 3.8, respectively, with had the verbal interpretation of highly acceptable for both. In terms of presentation, the students had a weighted mean of 3.4, with the verbal interpretation of acceptable, and teachers had a weighted mean of 3.3, with the verbal interpretation of acceptable. In terms of the nutritional value, the students had a weighted mean of 3.5, with the verbal interpretation of highly acceptable. The teachers had a weighted mean of 3.8, with the verbal interpretation of highly acceptable. The researchers used calamansi zest to their innovative brownies to add flavor because calamansi zest has a nutrient that our body needs. Future researchers should conduct a further study about making an innovative product by using calamansi zest because it may help us have beautiful skin, which is one of the problems of teenagers nowadays. Thus, if we make more products with calamansi, we can help people who want healthy skin.

Keywords: chocolate calamansi brownies

Level of Acceptability of Pumpkin Milk Tea in Bestlink College of the Philippines

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Abstract

Pumpkin is a cultivar of winter squash that is most often deep yellow to orange in color. Pumpkin is also known for being a good source of beta carotene, which can be converted into vitamin A. Milk tea refers to several forms of beverage with different flavors and containing some combination of tea and milk. We came up with pumpkin milk tea because we wanted to make an innovative vegetable-based product that will be beneficial to our body and our community. We used an experimental method that was defined as a systematic and scientific approach to research in which the researchers manipulate one or more variables and then controls and measures any change in other variables. We chose this because we wanted to get the response of our respondents by giving their own opinion about our finished product. The results showed that the overall weighted mean was 3.86, with a verbal interpretation of strongly agree. Therefore, the students have the verbal interpretation of strongly agree with the presented variables in the study based on the overall weighted mean. Meanwhile, in the assessment of teachers based on the presented variables, the overall weighted mean was 4.11, with a verbal interpretation of strongly agree. Therefore, teachers have the verbal interpretation of strongly agree with the presented variables in the study based on the overall weighted mean. Hence, the difference between the assessment of the two groups of respondents based on the presented variables is not significant. We concluded that pumpkin milk tea will be popular as a new innovative product to customers, mostly to health-conscious people. We recommended that future researchers should improve our product by taking the juice part of the pumpkin; they should carefully distill it to remove the fine residues of pumpkin, which may cause the bad taste of the product. Following this process will get the best, clearest puree.

Keywords: residue, pumpkin, puree

Marketability Level of Banana Peel Siomai

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Abstract

Banana peel or husk contains vitamin B6, which is also known as pyridoxine. Vitamin B6 is a water-soluble vitamin that our body needs. Siomai is said to have originated in Huhhot, inner in Mongolia, during the Ming dynasty (1368–1644). Siomai also serves as a side dish in the early days. At present, siomai is popular in the market, so the researchers decide to have a new twist. We decided to make a Siomai is that is healthier than the usual with the use of banana peel as the main ingredient. Experimental methods are a systematic and scientific approach to research in which the researchers manipulate one or more variables and control and measure any change in other variables. In conducting a survey, questionnaires are a must to gather data that are needed in the research. The simple random technique was used to select a group of subjects for a study from a larger group showed that the teachers obtained the weighted mean of 7.7, with the verbal interpretation of strongly agree, while the students had a weighted mean of 3.8, with the verbal interpretation of strongly agree. Hence, the difference between the assessments of the two groups of respondents is not significant. We took a long time to make banana peel siomai because we continuously practiced to perfect it. Future researchers should be creative to discover a new food that no one has ever thought of yet.

Keywords: banana peel siomai

Viability of Malunggay Enhanced Bibingka among Grade 12 HE Students and Teachers in Bestlink College of the Philippines

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Abstract

We used *Moringa oleifera* or also known as malunggay a as twist in bibingka. We made a product that is new in the market. We made this product because it is a unique style of food and has many nutrients that are good for our body. It will surely have many buyers because it is a new and unique product compared with ordinary bibingka. One of the reasons why we chose this kind of product is to help people, especially kids who do not want to eat vegetables. The main purpose of this product is to become an interesting food for people. Malunggay is known as the "miracle tree" or "nature's medicine cabinet." All the parts of the malunggay tree, such as leaves, pods, flowers, fruits, barks, and roots, can be used. Malunggay leaves can help people with diabetes in lowering their blood sugar levels and help them lower the risk of a stroke and heart attack. Antioxidants are compounds that help fight free radicals in our bodies. The methods that researchers used in conducting the survey were giving survey questionnaires and having a free tasting of the product. A survey is one of the easiest ways to gather information and opinions from the target market. The researchers chose 60 people to answer the questionnaire. The researchers found out that 72% of the respondents want to eat malunggay bibingka because of its good taste and possible benefits in the product. A total of 58% of the respondents said that the price of our product, which is P15 per piece, is affordable. Based on the information gathered by the researchers, the respondents wanted to eat malunggay bibingka because of its unique taste. Based on the survey, 58% of the respondents agreed that the taste is acceptable, and the product has rich nutrients that are good for the body.

Keywords: viability, malunggay, bibingka

Assessment of Acceptability of Veggie Patty

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Abstract

In the early 1880s, Fletcher Davis of Athens Greece opened up a lunch counter that served ground meat patty. It is a small flat piece of meat that is present inside a bun. However, at present, we tried and made an innovation of what Fletcher Davis made and improved to make it more nutritious by adding vegetables. This product is also similar to the original but has vegetables instead of meat. It is also easy to prepare and eat. This veggie patty can be made from ingredients such as carrots, kincay, cucumber, and potatoes. It looks similar to a hamburger but is made of vegetables instead of raw meat and also tastes different types of vegetables. The veggie patty is one of the few classic combinations that lends itself well to new riffs and versions. The health benefits are low fat and calories, high fiber, prevents diseases, etc. We used a survey questionnaire and selected 60 participants, which included 10 Home Economics (HE) teachers and 50 HE Strand students. It is a study component to serve as a direction in reaching a goal, which is to sell this product to help the customer to become more aware of this new vegan trend that best substitutes meat products or to promote or to be an instrument to gather information for future researchers as reference. Generally, the findings showed that the total composite weighted means were 3.69 in terms of taste, 4.1 in terms of aroma, 4.45 in terms of nutritional value, and 4.29 in terms of presentation. The total composite weighted mean was 4.13, which had a verbal interpretation of strongly agree. Therefore, the teachers have a composite weighted mean of 3.55 in terms of taste, 3.9 in terms of aroma, 4.5 in terms of nutritional value, and 4.5 in terms of presentation. The total composite weighted mean was 4.31, which was interpreted as strongly agree. Hence, the difference is not significant. Our product has more nutritional benefits and it is tastier because of the ingredients than the original. The product already has a good presentation. The taste dressing has a good aroma that influences the taste. The product has nutrients, such as vitamins A, B, and C, which are good for the heart and aid weight loss.

Keywords: veggie patty

Acceptability of Squash Pandesal

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Abstract

One of the Filipinos' specialties is to prepare nutritious food because they put importance on nutritional value to furnish their body with adequate nourishment for the growth, maintenance, and repair of their cells and tissues. Health benefits are an outweighing factor in selecting a nutritionally adequate diet and an indication not only in the physical state of an individual but also in his general attitude toward work, play, and life itself. Squash (karbasa in Hiligaynon, kalabasa in Filipino) belongs to the family Cucurbitaceae of the gourd family. It is a tender tendril-bearing and vine-like plant that is regarded as one of the tastiest vegetables. Studies have been made on baking pandesal with a mixture of a variety of ingredients but not with squash. In small populations and often in large ones, such sampling is typically done without replacement, that is, one deliberately avoids choosing any member of the population more than once. Although simple random sampling can be conducted with replacement instead, this is less common and would normally be described more fully as simple random sampling with replacement. Sampling done without replacement is no longer independent but still satisfies exchangeability; hence, many results are still held valuable. For a small sample from a large population, sampling without replacement is approximately the same as sampling with replacement because the probability of choosing the same individual twice is low. We conducted a study to determine the acceptability of squash pandesal. We used random sampling and fishbowl methods to know the sector and people that we used to survey. We created survey questionnaires and gave them to the respondents to collect information. We collected the results and placed them together to compute them. Pandesal is well-liked by Filipinos, young and old alike, regardless of the flavors. It is most commonly served hot and may be eaten as is or dipped in coffee, hot chocolate, or milk. It can also be complemented with butter, margarine, cheese, jam, peanut butter, chocolate spread, or other fillings such as eggs, sardines, and meat. Based on our survey, 99% of the respondents left have good comments about the product, while 1% of the respondents had bad comments.

Keywords: delicious, pandesal, squash

Level of Acceptability of Squash Dinner Rolls with Cheese to Selected Home Economics Students in Bestlink College of the Philippines

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Abstract

This research supports measuring the level of acceptability of squash dinner rolls with cheese to selected Home Economics students in Bestlink College of the Philippines. The researchers chose this innovative product is because people nowadays do not eat many vegetables. The main source of our data was the data obtained from 60 respondents in Bestlink College of the Philippines. The researchers used experimental research design, survey method, and simple random sampling technique to gather the information of the respondents and know if the product is acceptable. The result showed that 50 students strongly agreed with the taste of squash dinner rolls with cheese, while the 10 other respondents very strongly agreed regarding the taste, aroma, nutritional value, and presentation. These results showed that squash dinner rolls with cheese were acceptable to students and teachers. The researchers focused on determining the level of acceptability of squash dinner rolls with cheese. The researchers showed how to make this product. Based on the information gathered by the researchers, the results showed all respondents strongly agreed to the acceptability of the product in terms of taste and aroma. The ingredients were accurately measured and mixed carefully.

Keywords: dinner rolls with cheese, squash dinner rolls

Importance of Aratiles/Jamaican Berry to Innovate Milk Tea Flavor

Meero Figuracion
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Abstract

The researchers came up with a unique idea to make milk tea with the flavor of aratiles/Jamaican berry because it was packed with nutrients. Aratiles/Jamaican berry contains organic compounds, such as cytotoxic flavonoids (have anticancer properties), ulcer genic compounds (have anti-ulcer properties), methanol extracts (anti-microbial properties), antispasmodic compounds (used to treat spasms), and anthocyanin flavonoid and polyphenol (used to cure diabetes). Milk tea is one of the most trending products in the Philippines. In other countries, there are many milk tea branches and franchises anywhere. Given its popularity, many milk tea drinkers even post it on social media before drinking it. Therefore, we decided to develop an innovative product that will show the importance of aratiles/Jamaican berry that can be developed in further research. In this study, the researchers used an experimental research design that uses a scientific approach to develop new food flavors. The researchers used simple random sampling to collect data. It is a subset of the population in which any member of the population has an equal probability of being chosen, and it is an unbiased representation of the group. Based on the assessment of the students, they very strongly agreed with the presented variables in the study based on the overall weighted mean. Meanwhile, in the assessment of teachers based on the presented variables, they strongly agreed. Hence, the difference between the assessment of the two groups of respondents based on the presented variables is significant. In making an innovative product, some factors, such as the uniqueness of the product, the edibility of the main ingredient, and the nutrition that the consumer can get, should be considered. We suggested that future researchers should study the same kind of product that we made. Aratiles/Jamaican berry can be a versatile ingredient in any dish.

Keywords: aratiles, Jamaican berry

Assessment of Acceptability of Choco Taro Cupcake

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Abstract

In our generation, dessert is one of the favorite foods in the Philippines. Filipinos like eating sweets and tasty food. Hence, the researchers made a healthy dessert that can satisfy your taste buds and improve your health. The researchers proposed a new flavor of cupcakes that uses taro as its main ingredient. Choco taro cupcake is a great source of fiber and other nutrients, and it offers a variety of potential health benefits, including improved blood sugar management and gut and heart health. This study focused on the assessment of Grade 12 students and faculty members from the Home Economics (HE) Strand. Using the descriptive research design, three variables were identified to assess the acceptability of choco taro cupcakes among Grade 12 students and faculty members in terms of taste, aroma, nutritional value, presentation, and competitiveness. The data were collected by distributing questionnaires to randomly selected students from the experts and non-experts in HE Strand in Bestlink College of the Philippines. Each sample had an equal probability of being chosen and have an unbiased result. The result of the study revealed the acceptability of choco taro cupcake in terms of the aforementioned variables. In terms of taste, the product has a long-lasting taste and can satisfy your taste buds. In terms of aroma, the egg wash scent of the product can boost your appetite. Nutritional value is an indication of the contribution of a food to the nutrient content of the product. Competitiveness is the ability of the product to satisfy the customer compared with its competitors. The presentation deals with the acceptance of the product that can catch the eyes of the customer at first sight. The results demonstrated the variables that will depend on the assessment of the acceptability of choco taro cupcake. The product mainly gives a different idea from the usual ingredient of a cupcake, which turns into a beneficiary cupcake with a twist of taro and chocolate. The product has a fluffy texture and sweet taste similar to other existing variants of a cupcake, but this product has taro (has high gluten content), which makes it unique. The researchers studied how to keep the cupcake fluffy.

Keywords: CTC

Acceptability of Squid as Main Ingredients of Seafood Patty

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Abstract

Introduction: This study showed the level of acceptance of squid (decapodiforms) as the main ingredient in making seafood patty. In making patties, time and patience are very important.

Method: To collect the data of the respondents, the researchers used a survey questionnaire. The researchers used an experimental research design. The respondents were chosen by a simple random sampling method.

Result: The total weighted mean of teachers and students was 3.6, which was strongly acceptable. The results of this research showed that the researchers obtained the suggestions and recommendations of all respondents.

Discussion: All the senior high school students gave different comments after they tasted the squid patty. Each one of the respondents commented on how to make the product more attractive to consumers. The researchers indicated that the product should be improved by other companies if they wanted to create patties with other flavors. This product can also help you start a business.

Keywords: squid patties

Assessment of Level of Acceptability of Papaya Brownies

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Abstract

Brownies are made with healthy canola oil, which is high in monounsaturated fats and may improve your cholesterol levels. *Carica papaya* (papaya) is rich in vitamins and minerals. It helps food digestion. Adding papaya as one of the ingredients of original brownies will make papaya brownies. The mixture of papaya and original brownies resulted in a sweet and soothing aroma. This study used an experimental design. The respondents were selected randomly. The researchers utilized the survey questionnaires in collecting the data. The respondents assessed the papaya brownies into the variables. In terms of presentation, the respondents obtained a weighted mean of 4.095, with the verbal interpretation of acceptable. In terms of aroma, the respondents obtained a weighted mean of 3.93, with the verbal interpretation of acceptable. In terms of taste, the respondents obtained a weighted mean of 4.23, with the verbal interpretation of acceptable. In terms of competitiveness, the respondents obtained a weighted mean of 4.325, with the verbal interpretation of acceptable. In terms of nutritional value, the respondents obtained a weighted mean of 4.23, with the verbal interpretation of acceptable. The total weighted mean was 4.1, with the verbal interpretation of acceptable. Papaya brownies were highly acceptable by the respondents. This experiment will obtain a much better product that can be sold and compete for the price of original brownies.

Keywords: papaya, brownies

Benefits of Mango Coffee Wine

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Abstract

Wine is an alcoholic drink made of fermented grapes. Yeast consumes the sugar in grapes and converts it to ethanol, carbon dioxide, and heat. Red wine is made of dark-colored grape varieties. White wine is made of non-colored grape pulp. The researchers thought of a unique and innovative product that can compete with other products in the market. This product was made from fermented mangoes or mango wine and coffee mixture. This product is unique because of its mango flavor and coffee aroma. Qualitative research was used here. The researchers used a simple random sampling technique, where every item selected in the population has an even chance and likelihood of being selected in the sample. A questionnaire was constructed to collect information from the respondents. The results showed that the students obtained a weighted mean of 3.62, with the verbal interpretation of strongly agree. The teachers obtained a weighted mean of 4.09, with the verbal interpretation of strongly agree. Hence, the difference between the two groups in terms of the aforementioned variables is not significant. The researchers concluded that the two groups of respondents agreed on the abovementioned variables. The proponents recommended that future researchers should think of a unique, new, and innovative product. They should also manage their budget for the study properly, be responsible for the task assigned, and always be cooperative because everyone must work with their assigned tasks.

Keywords: benefits, mango, coffee, wine, drinks, liquor

Feasibility Study on Establishment of Treasure Wink in Regalado Avenue Fairview Avenue, Quezon City

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Abstract

Treasure Wink is an events company that specializes in event planning ranging from birthday parties, weddings, anniversary parties, company meetings and events, and holiday celebrations, People have come up with many occasions for organizing events because they get to know and talk to different people. Treasure Wink was established in 2019 by a group of young students who are experienced in organizing events. The proponents came up with the name of "Treasure Wink," wherein "treasure" means the essential things and happenings in life that every person wants to cherish, and "wink" is the synonym of the moment. The proponents chose these words as they aim to help plan an important event. The researchers conducted brainstorming, ocular visits on the site, surveys around the area, and industry reviews on the proposed business. The survey was conducted near the location with 50 respondents to know their preference for hiring an event planner. According to the survey, 44% of the respondents were millennials who can convince their parents to hire an event planner for their special events because they want to have a unique Instragrammable set up for it. The results showed that 66% of the respondents are female, 66% of the respondents were single, and 34% of the respondents were already married. Meanwhile, 62% of the respondents were employed and hired an events planner during their company occasions. A total of 46% of the respondents hired an events planner once a year; most of them were young professionals who love to socialize. A total of 36% of the respondents hired an events planner every five years for a significant occasion, while 18% of the respondents hired an events planner because of financial issues. The beach theme was the most preferred concept by the majority of the respondents. Price sensitivity was the highest considerations among the respondents with 38%. The ambiance was the top priority among the respondents, with a birthday party as the most common event for the respondents to hire an events planner. According to the survey, 90% of the respondents were willing to spend ₱50,000 to ₱100,000 for the event because they also consider the cost of conducting an event. The preferred time for the event was during the daytime. The study proved that event management is the future industry of the country. The planner should be able to adapt to sudden changes and be a quick thinker. The proponents concluded that Treasure Wink is feasible and viable to the market.

Keywords: catering, contingency, event

Marketability of Banana Cheesecake

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Abstract

Bananas are a healthy source of fiber, potassium, vitamin B6, and vitamin C, as well as various antioxidants and phytonutrients. Bananas are high in antioxidants, which protect from free radicals. We come into contact with free radicals every day, from the sunlight to the lotion you put on your skin. The researchers used an experimental research design. The respondents were chosen through simple random sampling, and a survey questionnaire was used to gather the data. The respondents assessed banana cheesecake in terms of several variables. In terms of presentation, the respondents obtained a weighted mean of 3.84, with the verbal interpretation of strongly acceptable. In terms of aroma, the respondents obtained a weighted mean of 3.83, with the verbal interpretation of strongly acceptable. In terms of taste, the respondents obtained a weighted mean of 3.87, with the verbal interpretation of strongly acceptable. In terms of price competitiveness, the respondents obtained the weighted means of 3.5, with the verbal interpretation of strongly acceptable. The respondents recommended improving the packaging and stating the nutritional value of the product in the packaging.

Keywords: banana, cheesecake

Level of Viability of Squash Pie

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Abstract

This research focused on determining the level of viability of squash pie. Pie is rich in cholesterol because it has many eggs, milk, and butter. Hence, the researchers made a healthy version of pie, that is, a squash-flavored pie, to enhance the nutritional value because squash has vitamin A, which is a powerful antioxidant that is essential for good skin, vision, and mucous membranes. Vitamin A protects against the risk of lung and mouth cancers. The researchers used experimental methods because the study focused on the viability of the respondents on the characteristics of squash pie in terms of appearance, taste, texture, and nutritional value. After conducting the study, the results showed that the product is acceptable. Based on the data, their product was accepted by the teachers, especially by the students. The research focused on the level of viability of squash pie in Bestlink College of the Philippines.

Keywords: viability, squash, pie

Feasibility Study on Establishment of Stop & Go Tea Milk Tea Shop in #3-B Quirino Hi-Way, Brgy. Tungko, CSJDM, Bulacan

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Abstract

This research focused on the proposed establishment of a food truck business named Stop & Go Tea, which will be located in #3-B Quirino Hi-Way, Brgy. Tungko, City of San Jose Del Monte, Bulacan. The proposed business will offer a unique taste of milk tea that is suitable for the budget. The researchers planned to build a strong and mid-competitive climate in the area. Stop & Go Tea aims to provide products and services with value for money. The researchers innovated the milk tea product from nature to a fancy one. Stop & Go Tea focuses on quality, affordability, and customer satisfaction. Stop & Go Tea adds a Filipino taste to the flavors, thereby making the product unique because it is blended with flavored ice and mixed fruits, demonstrating a difference from other milk teas in the market. Hence, the researchers decided to use the research tools such as questionnaires, interviews, and observations on the behavior of the market segments to ensure the feasibility and viability of the study. The questionnaires were provided to 100 respondents. The participants were collected based on specific criteria where a particular type of elements was implemented. The respondents attempted to create a diverse sample as possible to ensure that there is an equal number of sampling representations. Most of the questionnaires were already prepared for respondents' convenience in answering "seldom." Hence, the proponents asked ad-hoc questions. The researchers analyzed the results via thematic analysis. Due to the limited number of respondents, diverse design, and answer sets of the questions, as well as the qualitative research approach of the study, there was a balance of respondents between genders, while the ages ranged from 17 years old and above. The respondents were mostly students, employees, residents, and commuters. Based on the survey, the majority of the respondents know what a food truck is. The respondents studied the market viability of the proposed business. The only lapse that should be taken into consideration was brand awareness. The products and services are unique compared with the competitors. In a technical view, the market segments are well-studied. An increase of 10% revenue will be achieved annually, while the cost of sales will also be achieved at the same rate. There would be an increase of 2% per year on related expenses, but this can be controlled well by proper management. Overall, the establishment of Stop & Go Tea Milk Tea Shop will need to be pursued by its proponents.

Keywords: ad-hoc, cost of sales, establishment, feasibility study, general partnership, market, milk tea, revenue

Feasibility Study on Establishment of Batang '90s in Novaliches, Quezon City

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Christopher Ga
Daniel Pedraza
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Bestlink College of the Philippines

Abstract

This research wanted to propose a playground business named Batang '90s. The business offers different classic games, and it will also have a tie-up partnership with different schools and companies. Batang '90s will be located in 787 Tagumpay St., Brgy. Gulod, Novaliches Quezon City. The business competitors will be a nearby amusement park and stalls offering different activities. It is the guidelines in performing their responsibilities to ensure the success of the business. The target market of Batang '90s is students from different school levels and people who want to play and experience the '90s game again. The proponents primarily considered focus group discussions and participants' observation as possible research methods due to the behavioral elements contained in this research, followed by an ocular visit to the business site. The proponents used survey questionnaires with 100 respondents. The first part of the questionnaire consisted of demographic questions related to age, gender, and questions related to the professional role of the participants. These questions were designed to address the feasibility and viability of the business in terms of the place, price, and promotion. Financial costing and statements were analyzed to ensure the decisiveness in opening the business. Based on the survey, 89% of the respondents were familiar with Batang '90s games. A total of 85% of the respondents were also familiar with the amusement center, and 78% of the respondents were eager to visit as such. Among Batang '90s games and based on the survey, 19% of the respondents want to play patintero, 16% of the respondents prefer tumbang preso, and 14% of the respondents prefer luksong baka. The respondents wanted to visit an amusement park similar to Batang '90s with their friends where they can spend and enjoy for 1–2 h. The researchers came up with the following financial projections. The financial plan consisted of an income statement, projected financial position, cash flow return on investment, and a statement of changes in equity. The researchers forecasted that Batang '90s will have a 10% increase in service revenue annually. The cost of sales was forecasted to increase by 10%. The changes in owners' equity with the starting capital of P200,000 per each of the partnership was added with the net income (P344,993.6) by the partner. The ending capital of the business is the new capital of the second year of the business operation. The return of investment of the business on its first-year operation was forecasted to be 37.53%, and it will follow the next ROI of the business.

Keywords: Batang '90s, capital, feasibility, general partnership, owners' equity, playground, return on investment

Level of Acceptability of Bilimbi Jam

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Abstract

Bilimbi is a commonly cultivated tree species of the Old-World tropics that was introduced in the 1790s to the Neotropics, where it has been since naturalized. This species is also cultivated in Western Africa (Burkill, 1985). It is listed in the Global Compendium of Weeds as a "naturalized, weed" and known to be invasive in the Old-World tropics. An experimental research design was used here. A simple random sampling technique was used in this study. A survey questionnaire was used as the instrument in this study. From all variables, we calculated the total of their answer, and we divided 60 for all data of the respondents. Lastly, we multiplied it by 100. Bilimbi fruit is not only ingested in the dish; it is the God for the body and health, and it can help people with an ulcer. We made this bilimbi jam because some children do not eat bilimbi due to its sour taste. Children also do not know the nutrients that they can get from this fruit. We hope that future researchers will find this work helpful. We are hoping that they will appreciate and love our product.

Keywords: bilimbi jam

Level of Acceptability of Malunggay Puto in Grade 12 Home Economics in Bestlink College of the Philippines

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Abstract

Moringa oleifera (malunggay) is a kind of green, leafy vegetable that has nutritious value; it can boost energy and provide nutrition. Malunggay leaf is a wonderful herb that is known worldwide because it grows very widely in a hot tropical climate such as the Philippines. It is also affordable, and some people do not need to buy it. You can ask your neighbors if you can pick some malunggay leaves from their malunggay tree in their backyard, or you can plant this kind of tree because it is easy to grow. We chose steamed rice cake or "puto" in this study. Puto is a type of Filipino steamed rice cake. The varieties of puto are as plentiful as the many regions of the Philippines. Puto is traditionally made from ground rice that has been soaked in water overnight. This version is easy to make at home with rice flour. This study utilized experimental research. A simple random sampling technique was used in this study. A survey questionnaire was also used as the instrument in this study. In this variable, all teachers and students strongly agreed. The highest weighted mean for students was 4.27 in terms of nutritional value, whereas the lowest weighted mean was 3.72 in terms of aroma. The highest weighted mean for teachers was 4.85 in terms of taste, whereas the lowest weighted mean was 3.87 in terms of aroma. Overall, we evaluated the teachers' and students' demographic profiles and rated their frequency indicators. Then, we scaled it to very strongly agree, strongly agree, agree, moderately agree, and less agree. Our product did not emulsifier enough to be similar to a puto. Then, we suggested conducting further research about malunggay puto because it has more nutritional value than you need for your immune system. It will also help the students to have the healthy body that they need when they study.

Keywords: malunggay puto

Feasibility Study on Establishment of Fur Crib Pet Hotel in Quirino Highway, Sta. Monica, Novaliches, Quezon City

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Abstract

This research proposed a business named Fur Crib Pet Hotel and planned to be located in #1004 Quirino Highway, Sta. Monica, Novaliches, Quezon City. The business offers a variety of services such as pet accommodating, pet grooming, and pet deworming. The researchers decided and conceptualized this one-stop-shop pet hotel that will cater to different types of furry animals, particularly dogs, cats, and rabbits. It can also provide the needs of different animals, such as vaccination and food. The core questions were divided into groups for clarity, addressing the main objectives of the research through the perspective of the respondents. These questions were also designed to address the feasibility and viability of the business in terms of the place, product, price, and promotion. Financial costing and statements were analyzed to ensure the decisiveness in opening the business. Embarking on this research, the researchers initially considered focus group discussions and participants' observation as possible research methods due to the behavioral elements contained in this research. The proponents used survey questionnaires to gather the information from 100 respondents. According to the survey, 56% of the respondents preferred pet accommodation, 25% of the respondents preferred pet grooming, 5% of the respondents preferred pet health/deworming, 13% of the respondents preferred pet foods, and 1% of the respondents preferred others. The researchers put affordable accommodation on their business. Based on the results of the survey, 70% of the respondents preferred a business that offers a variety of services, such as grooming and accommodation, to pamper their pets differently from when they are at home. The price included promotional offers, such as a 10% discount for 3 days in the store opening. The researchers came up with the following financial projections. Fur Crib Pet Hotel was forecasted to have an annual increase in service revenue of 10%. The rent expense of the business was forecasted to increase by 2% yearly. Utility expense will increase by 2% yearly, which was similar to miscellaneous and employee benefits. Fur Crib Pet Hotel will pay for the advertising expense, amounting to P27,300, and will also increase by 2% annually. The changes in owners' equity with the starting capital of P200,000 per partner. The return on investment in its first year of business operation was forecasted to be 38.78%, and it will follow the next ROI yearly.

Keywords: accommodation, consumption, crib, financial viability, fur, hotel, pet

Assessment on Level of Viability of Puto Malunggay

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Abstract

Puto is the Filipino version of rice cakes and is eaten with savory dishes on accompaniment. Health benefits can be obtained from "malunggay" (*Moringa oleifera*) and sardines. The researchers made puto with malunggay and sardines filling. The respondents used experimental research design and simple random techniques. The data were obtained through survey questionnaires. Percentage and weighted mean were the statistical tools used. In terms of the taste, the respondents obtained a weighted mean of 3.05, with the verbal interpretation of agree (A). In terms of aroma, the respondents had a weighted mean of 3.48, with the verbal interpretation of A. In terms of presentation, the respondents obtained a weighted mean of 3.53, with the verbal interpretation of A. In terms of competitiveness, the respondents obtained a weighted mean of 3.77, with the verbal interpretation of A. In terms of the nutritional value, the respondents obtained a weighted mean of 3.72, with the verbal interpretation of A. In terms of composition, the respondents obtained a weighted mean of 3.51, with the verbal interpretation of A. Based on the findings, the teachers recommended that we can add toppings and think of other ways to integrate sardines in our puto. The students suggested lessening the fishiness of the sardines in our puto. The researchers concluded that the difference between Grade 12 Home Economics Strand students and teachers was not significant. The researchers found out that respondents said that our product can compete in the market because of its affordable price and nutritional value from the ingredients we used.

Keywords: puto, malunggay

Feasibility Study on Establishment of Fruity Poppers in Sta. Monica, Novaliches Quezon City

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Abstract

This research focused on establishing a business named Fruity Poppers in Sta. Monica, Novaliches, Quezon City. The business will offer a unique taste of food. It will use fresh ingredients and cook a mixture of different flavors. This paper addressed the feasibility and viability of the business in terms of marketability, technical aspect, management, and financial aspect. The proposed business will be patronized because the proponents are confident of its products. In addition to gaining profit, which is the main objective of business owners, providing quality that will satisfy the customer and employee was the objective of this study. The proponents were confident that the establishment of business will be realized and succeed. The key research tools were questionnaires, ocular visits, and observation of the market trends. The participants were selected using stratified sampling techniques. The result was analyzed manually because there were only 100 respondents. The proponents observed the viability and accessibility of the location place of the business where it will be established. The conceptualization initially commenced during brainstorming and focus group discussion. According to the respondents, the business location of Fruity Poppers is very accessible to prospective clients. A total of 67% of the respondents were male, while only 33% of the respondents were female. The average age of the respondent was between 18 and 50 years old. Based on the results of the survey, 75% of the respondents wanted to try the new mango flavor. Generally, 98% of the respondents liked the popcorn. This chapter outlined and justified the feasibility and viability of the business in the market. The interpretation by the researchers provided the significance of this research paper along with the recommendation on how the people within the company manage the business. This business is a general partnership type wherein the partners will share P200,000 each, with the initial capital of P1,000,000. The allocation of the budget should ensure that there would be control over its related costs. The researchers predicted that there would be a 2% increase in expenses annually, while there will be a 10% increase in the cost of sales. The revenue is expected to have increased by 10%. With the competencies and proper management of the business, the proposed business will be realized and become successful.

Keywords: establishment, feasibility study fruity poppers, marketability, ocular visit, proponents, sampling

Level of Acceptability of Dragon Fruit Pastillas

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Abstract

Dragon fruit is a variety of cactus species. It has a unique appearance, sweet taste, and crunchy textures. Dragon fruit contains multiple antioxidants that are beneficial to health. Dragon fruit also contains many vitamins and minerals that are important for a healthy body. According to the United States Department of Agriculture, dragon fruit has the following nutritional value: calories, protein, fat, carbohydrate, dietary fiber, sugars, calcium, iron, sodium, and vitamin C. Pastillas is a type of milk-based candy that is popularized relatively recently to the Western world. They are generally made from carabao or cow milk or a combination of both sugar and calamondin juice. To make our pastillas more special, we added milk, dragon fruit puree, and refined sugar in a large wok. The study used a descriptive research method. The researchers also used the random sampling method to select the respondents. A survey questionnaire was used to gather data from the 50 respondents. The results of the study showed that dragon fruit pastillas is acceptable. Based on the data, their products are accepted by the teachers and students. Most of the respondents agreed that the product will be accepted by the people. This research focused on the level of acceptability of dragon fruit pastillas in Bestlink College of the Philippines. Dragon fruit, which is also known as pitaya or pitahaya, is increasingly gaining interest in many countries including Thailand, which has an ideal climate for breeding different varieties of tropical and subtropical fruits in general, especially dragon fruit. The benefits of dragon fruit for human health can be explained by its essential nutrients, such as vitamins, minerals, complex carbohydrates, dietary fibers, and antioxidants. Thus, the researchers came up with an idea to make a healthy version of pastillas.

Keywords: acceptability, dragon fruit, pastillas

Assessment on Viability of Banana Heart Siomai

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Abstract

A banana heart (*Musa acuminate*) is a fleshly purple-skinned and tear-shaped flower that grows at the end of a banana fruit cluster. The banana heart is traditionally used in Southeast Asian and Indian cooking and can be eaten raw. Banana heart its chunky flaky texture makes it an ideal substitute for fish. Siomai is the Surapong Filipino term for steamed Chinese dumpling that is usually filled with pork and occasionally with shrimp. For Americans, it can be pronounced as "siumai" (siu mai) or "shumai" (shu mai). In the Mandarin language, it is "shaomai." The technique used was the survey method, and the instrument used to gather information was a questionnaire. The researchers used the survey method because it is useful in describing the characteristics of a large population gathering the data by asking questions to the people who have the information needed. This research used an experimental research design and sampling random methods. The respondents included 50 Grade 12 Home Economics (HE) Strand students and HE teachers. The weighted mean for the students was 3.84, with the verbal interpretation of highly accepted. The weighted mean was 3.99, with the verbal interpretation of highly accepted. The teachers said that they like the taste, aroma, nutritional value, competitiveness, and presentation of the product. The researchers made this product to introduce a new flavor of siomai for the customer to have healthier options in the market. This research will help future researchers in conducting their studies. This research aimed to determine the viability of banana heart siomai and introduce a more nutritious version of siomai to the customers.

Keywords: banana heart siomai

Assessment on Viability of Carrot Rice Noodles

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Abstract

Carrot is a root vegetable that is usually orange in color, although purple, black, red, white, and yellow cultivars exist. Carrots are a domesticated form of wild carrot. This plant probably originated in Persia and was originally cultivated for its leaves and seeds. Although the stems can be eaten as well, the most commonly eaten part of a carrot is the taproot. The roots contain high quantities of alpha and beta carotene and are a good source of vitamins K and B6. Rice is a monocot and normally grown as an annual plant, although it can survive in tropical areas as a perennial plant and can produce a ratoon crop for up to 30 years. Although the parent species of carrot are native to Asia and certain parts of Africa, centuries of trade and exportation have their commonplace in many cultures worldwide. The research design used here was experimental research. The sampling technique used here to select the respondents was random sampling. The instrument used to gather information was a survey questionnaire. The researchers surveyed the respondents, and the results showed that the taste of our product is delicious (weighted mean of 4.09). In terms of aroma, the respondents said that the smell is tempting (weighted mean of 4.20). In terms of the nutritional value, the respondents said that our product is rich in vitamins (weighted mean of 4.35). In terms of competitiveness, the respondents said that our product is affordable and can compete with other products (weighted mean of 4.20). In terms of presentation, the respondents said that our presentation is good (weighted mean of 4.19). The researchers made this product proposal to introduce a new product carrot rice noodles for the customers to taste a new type of noodle, which is healthier than other types of noodles. Our product is also affordable and delicious and can compete with other products.

Keywords: carrot, rice

Level of Acceptability of Pan De Langka in Grade 12 Home Economics Strand Students of Bestlink College of the Philippines

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Abstract

This study was conducted to determine the various benefits and acceptability of the product to teachers and students. The data gathered from the study will help the researchers in knowing if the pan de langka is acceptable as a new product. The percentage of each acceptability was described by determining the means. A total of 60 respondents, including teachers and students in Bestlink College of the Philippines, were involved in the study. This study focused on special pandesal. Most Filipinos enjoy their everyday life eating pandesal; it is also considered one of our staple foods in every household. Some people cannot spend a day without eating pandesal. All over the country, you can find people eating pandesal in different ways. However, but dipping pandesal in hot coffee is the most famous way, following the famous quotation, "walang matigas na tinapay sa mainit na kape." As the years go by, pandesal has changed. We created a new flavor of pandesal, and we hope that this is an acceptable product for Filipinos. Simple random sampling was used here to select the respondents. In terms of taste, the composite weighted mean was higher, which indicated that students were more aware of jackfruit. Different scale but same verbal Entertainment In terms of appearance, the student had a higher composite weighted mean than teachers, with the verbal interpretation of moderately agree. In terms of the nutritional value, the composite weighted mean was the same for teachers and students, with the verbal interpretation of strongly agree. In terms of aroma, the composite weighted mean was the same for the students and teachers. In our pan de langka, we used langka fruit, which as we know is seasonal. Hence, we suggest using jackfruit powder and flavoring in case jackfruit fruit is unavailable. We also suggest that when extra jackfruit is available, it can be stored and made into sweet jackfruit. This result was answered by the statement of the problem because of the. Hence, we know that our product is acceptable to people. The answers of students and teachers answers were balanced, and some of the answers of the students were the same as those of teachers.

Keywords: paneling

Level of Acceptability of Siomsuey

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Abstract

The researchers created a different version of siomai made of chop suey ingredients to make a healthy version available in the market for children having an imbalanced diet. This product will be interesting because of the new taste, which will make it more delicious. In this study, the researchers used the experimental research method and qualitative research as the research designs to determine the importance of siomsuey (siomai with chop suey). The instrument used by the researchers was a survey questionnaire to gather information from the students. A simple random sampling technique was used to select the respondents. The students had an overall weighted mean of 4.20, with the verbal interpretation of strongly agree. Therefore, the students strongly agree with the presented variables in the study. Meanwhile, the teachers obtained the overall weighted mean of 4.44, with the verbal interpretation of strongly agree. Hence, the difference between the assessment of the two groups of respondents based on the presented variables is significant. Based on the findings of this study, the product is acceptable. Some factors, such as the uniqueness of the product, the edibility of the main ingredient, and the nutrition that the consumer can get, should be considered. The researchers recommended that future researchers should conduct a study with the same kind of product, that is, siomsuey, to further gather information about it as a nutritious food.

Keywords: siomai, chop suey, acceptability

Level of Acceptability of Bitter Melon Cupcakes

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Abstract

Bitter melon (*Momordica charantia*) has been used in various Asian and African herbal medicine systems for a long time. In the Philippines, it has been used as a folk remedy for a variety of ailments, particularly stomach complaints. Traditional medicines in India also use bitter melon. Different parts of the plant are used to treat diabetes. A cupcake is a small cake that is designed to serve one person. A cupcake may be baked in a small thin paper or aluminum cup. Similar to larger cakes, cupcakes are decorated with icing and other cake decorations such as fruits and candies. Here, the researchers used experimental, randomized experimental, and quasi-experimental designs in this study. Simple random sampling was used to select the respondents. The results of this study showed that in terms of taste, the weighted mean for the students was 4.59, which showed that the product is acceptable, and the weighted mean for teachers was 3.67, which showed that the product was acceptable in terms of taste. In terms of aroma, the weighted means were 3.5 for the students and 3.6 for the teachers, which showed that the product is highly acceptable for both respondent groups. In terms of presentation, the students had a weighted mean of 3.13, which showed that the product is acceptable, and the teachers had a weighted mean of 4.5, which showed that the product is highly acceptable. In terms of the nutritional value, the weighted means were 4.9 and 3.9 for the students and teachers, respectively. Bitter melon was used for people including children who do not eat bitter melon. Bitter melon has zinc, iron, vitamin A, and vitamin C. Bitter melon may help reduce high blood sugar, aid weight loss, and decrease cholesterol levels.

Keywords: bitter melon

Feasibility Study on Establishment of Bliss Laundry Hauz Café in Brgy. Socorro Cubao, Quezon City

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Abstract

This research wanted to propose a business named Bliss Laundry Hauz Café. The researchers found the unique "laundry café" based on the conducted survey. The said business is in demand in the market, especially in the location, that is, Cubao, Quezon City, because people there mostly live in condominiums, bed-spacing, and rooms for rent. The proposed business will be located at 129 A 13TH Ave., Barangay Socorro, Cubao, Quezon City. The business offers the traditional way of washing clothes, which is hand wash for those people who are sensitive regarding washing laundry. The researchers offer different types of services aside from self-service. It also offers services such as hand washing, wash-and-/dry, dry and folding, dry clean, ironing, steam, drier, door-to-door pick-up, and laundry delivery for free within the area. Initially, the proponents considered focus group discussions and brainstorming on the proposed establishment of Bliss Laundry Hauz Café in Brgy. Socorro, Cubao, Quezon City. The market segment and trend were observed due to the behavioral elements of this research. The proponents surveyed 100 respondents by using a questionnaire. The questionnaire consisted of several open questions related to market segments. The first part of the questionnaire consisted of demographic questions related to age, gender, and questions related to the professional role of the participants. According to the survey, 65% of the respondents are familiar with laundry café and the services it offers to the market. A total of 95% of the respondents are willing to pay ₱35 per kilo, which they believe is affordable. A total of 83% of the respondents use a washing machine. A total of 86% of the respondents said that they prefer laundry wash service, while 99% said that they are willing to have some food while waiting for their laundry as they want to have time to relax while waiting. According to the survey, 100% of respondents are willing to pay ₱35 per kilo for their laundry. A total of 97% of the respondents indicated that Bliss Laundry is accessible. The researchers came up with the following financial projections. The financial plan consisted of an income statement, projected financial position, cash flow return on investment, and a statement of changes in equity. Bliss Laundry Hauz Café will open a business with an initial capital of ₱1,000,000.00. The owners planned to expand the business, and business partners will reinvest another ₱200,000.00 each for a total of ₱1,000,000.00 as additional capital.

Acceptability Level of Spicy Pineapple Cupcakes with Vanilla Extract

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Abstract

Pineapple cupcake with spicy topping has vitamins and is a healthy product for kids and adults. It can be presented at any event, such as meetings and birthdays. The researchers chose this product to make a cupcake with a new flavor, give the customers other options, and convince them that cupcakes can also be spicy. Pineapple-flavored cupcakes are filled with fresh pineapple and topped with coconut buttercream and toasted coconut. It also has buttercream pineapple on top. Cakes and cupcakes are generally made by mixing flour and sugar, which are excellent sources of carbohydrates. They can provide the entire body, including muscles, brain, and nervous system, with a sufficient amount of energy. A quantitative method was used in the study. The researchers also used a descriptive research design to determine the acceptability level of spicy pineapple cupcakes with vanilla extract among Grade 12 Home Economics (HE) Strand students. The following four factors were considered to determine the acceptability of pineapple cupcakes: presentation, taste, texture, and feasibility. The following four variables were identified for this product: texture, taste, presentation, and nutritional value. The data were collected by distributing questionnaires to 50 selected Grade 12 HE Strand students through single random sampling. The composite grand mean for the students and teachers was 3.77 (strongly agree). In terms of texture, the weighted mean was 3.79 (strongly agree). In terms of competitiveness, the weighted mean was 3.85 (strongly agree). The total average weighted mean was 3.85, with the verbal interpretation of strongly agree. However, in terms of the taste, the weighted mean for the teachers was 4.8 (strongly agree). In terms of texture, the weighted mean was 3.93 (strongly agree). In terms of competitiveness, the weighted mean was 3.93 (strongly agree). In terms of nutritional value, the weighted mean was 3.93 (strongly agree). In terms of the nutritional value, the weighted mean was 4.1 (strongly agree). The total average weighted mean was 4.1, with the verbal interpretation of strongly agree. This study focused on the assessment of the acceptability level of pineapple cupcakes with vanilla extract among Grade 12 HE Strand students and HE teachers in Bestlink collage of the Philippines.

Keywords: spicy pineapple cupcake

Level of Acceptability of Guava Cupcake with Nuts

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Abstract

Guava (*Psidium guajava*) is a tropical tree that originated in Central America. Guava fruits are oval with light green or yellow skin. Guava fruits are rich in antioxidants. rich in fiber, and has a low glycemic index. Cupcakes are small baked products in a paper container shaped like a cup that often has icing on top. Cakes and cupcakes are excellent sources of carbohydrates. Nuts are good sources of fat, fiber, and protein. Nuts also have many vitamins and minerals. We conducted this study about guava cupcakes with nuts because we want to introduce a new product to customers. We also made this product to help other people understand the importance of guava fruit in our bodies. This study used an experimental research method wherein the researchers determine the level of acceptability of guava cupcake with nuts. We used also a survey questionnaire to gather information from the respondents. A simple random sampling technique was used to select the respondents. The overall weighted mean was 3.98, with the verbal interpretation of strongly agree. The difference between the assessment of the two groups of respondents based on the presented variables was significant. We concluded that the product was accepted by teachers and students. Based on the findings of this study, there are some things to consider when making the product. You have to consider if your main product is seasonal or not and if the product is unique. We used fresh guava fruit to give health benefits to people who will eat this product. Based on the findings and conclusion presented, we recommended using fresh fruit guava. The researchers encouraged future researchers to conduct further studies on this topic.

Keywords: guava cupcake, cupcake with nuts, cupcake, *Psidium guajava*, guava, cupcake flavor

Acceptability of Malunggay Pork Siomai with Cheese

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Abstract

Siomai is one of the best street foods nowadays. Siomai also is the best food that is found in Asia and popular among young people because of the affordable price. In this study, we added a twist in siomai, which is cheese. Cheese contains many nutrients such as calcium, protein, phosphorus, zinc, vitamin A, and vitamin B12. Malunggay leaves can be used to treat several illnesses. It also has essential nutrients and vitamins. It contains protein, vitamin B6, vitamin C, vitamin A, iron, and riboflavin. This study used an experimental research method. Here, we used a survey questionnaire to gather information from the respondents. A simple random sample technique was used to select the respondents. The findings of the study showed that the difference in terms of taste, aroma, nutritional value, and presentation in the overall weighted mean was not significant because both groups of respondents obtained a high result. Our research gathered good results. Our innovative product is also good because healthy foods are in demand these days. We highly recommended knowing the needs of the respondents to improve the Moala product.

Keywords: malunggay pork siomai

Feasibility Study on Establishment of Grandeur Service in Novaliches Proper, Quezon City

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Abstract

This research proposed a business named Grandeur Service. The business is planned to be located at Buenamar Street, Barangay Novaliches Proper, Novaliches Quezon City. The business offers provide thorough overall cleaning. The researchers came up with this business idea because workers and families nowadays are busy working and doing other agendas. The target customers are housewives, husbands, parents, grandparents, and daughters/sons who are too busy to do household chores. However, similar to any other business, the researchers have competitors. Direct and indirect competitors have a huge impact on the business. For this feasibility study, the proponents used a survey questionnaire to gather information from 100 respondents. The researchers also used secondary sources, such as the Internet and books, to gain more ideas and concepts regarding the study. Initially, the authors considered focused group discussion, market observations, and ocular visits to the business sites. Based on the survey, 95% of the respondents are familiar with cleaning services, and the majority accepts housekeeping service Housekeeping services are needed when cleaning condominiums and houses. A total of 97% of the respondents agreed with the business location, and 3% of the respondents disagreed. Generally, 81% of the respondents preferred on-call housekeepers because of their convenience, while 19% of the respondents preferred stay-in maid because they need someone to accompany them and provide overall housekeeping services. The researchers came up with the following financial projections. The financial plan consisted of an income statement, projected financial position, cash flow return on investment, and a statement of changes in equity. The financial plan consisted of five-year income and expenses. Grandeur Service's capital is P1,000,000. It is forecasted to increase the service revenue by 10% annually for its continuous operation. There would be a 10% increase annually in the cost of sales. The net income of Grandeur Service is increasing yearly because of its operation. All related expenses will increase by 2% annually.

Keywords: expenses, financial plan, grandeur, housekeeping, income, service

Feasibility Study on Establishment of Spa'tisfaction Innovation of Oil with Charcoal in Lagro, Quezon City

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Bestlink College of the Philippines

Abstract

Spas are at the forefront of a holistic health and wellness movement that is taking over the world as individuals learn that the most effective approach to health is maintaining a balanced body and lifestyle. The researchers decided to create a body spa and massage business because some of the customers need to relax. The researchers conceptualized the idea of innovating a spa to be appreciated by everyone from young people to old ones. Hence, the researchers created Spa'Tisfasction, which is a spa house that innovates oil with charcoal and other oils. Spa'Tisfasction is located at 1B Quirino Highway Corner Ascension Ave., Greater Lagro, Novaliches, Quezon City. The researchers pursued this concept to show the possible customers regarding the effectiveness of the health benefits of charcoal oil used in the spa. Spa'Tisfasction consists of 5 people, and the owners invested P200,000 each to create a new and delightful spa to gain personal and professional growth. The estimated purpose starting capital of the researchers must be at least P500,000. The study came up with the idea that business will grow and will become successful with the help of the result taken from respondents. The researchers created a questionnaire that includes the demographic profile of the respondents and different sets of questions, with corresponding indicators in terms of the market segment. The researchers gathered the data and analyzed the results. Information gathered from the respondents was interpreted and utilized in gaining new ideas and innovation of the product, price, place, and promotion. The researchers gathered some information by using survey questionnaires through a quantitative technique to know the reaction of the respondents to the product of Spa'tisfaction based on the survey that involved 50 respondents. A total of 44% of the respondents are aged 36–55 years old, 24% of the respondents are aged 26–35 years old. A total of 56% of the respondents were male, and 44% of the respondents were male, most of which are married. 58% are employees while 30% are unemployed. A total of 44% of the respondents preferred charcoal oil to be used for massage. A total of 90% of the respondents wanted a whole-body massage, 6% of the respondents wanted a facial, and 4% of the respondents wanted water/heat treatment. The respondents' budget for massage services ranged from P500 to P1,000. A total of 26% of the respondents preferred finding the business on Facebook. Based on the study and findings conducted, the researchers concluded that the Spa'Tisfaction is feasible and viable to the market. The researchers proved that using charcoal oil in the spa has a higher possibility of being patronized by the customers. The technical viability was applied to both skills and knowledge, especially to improve the services. The researchers also came up with financial projections consisting of an income statement, projected financial position, cash flow return on investment, and a statement of changes in equity. According to the researchers' study, the products and services are secured, and the monitoring process will be effective to avoid financial loss. The reasonable markup on the product will help the business maintain loyal customers.

Keywords: accrual, charcoal, feasibility, furniture and fixture, holistic health, hydro therapy, spa, thalasso therapy, wellness

Feasibility Study on Establishment of Potato Twist Snack House in Commonwealth, Quezon City

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Abstract

Potato is one of the leading ingredients of some of the famous snacks worldwide. The researchers used potatoes as snacks in combination with board games. Potato Twist Snack House is a proposed business snack house with sit-down games. This business also offers different kinds of snacks using the potato as a part of the ingredients with different dips. Nowadays, people want to eat snacks outside, especially students who want to relax after class and other working professionals. The snack house assured that their product is unique and healthy. This snack house will also offer beverages and has different kinds of sit-down and board games that the customers will enjoy. This study was conducted to determine the acceptability of the product by the customers. The researchers used the survey as the primary medium to measure the product possibilities in succeeding to the market where the students, residents, and employees were involved. The researchers provided survey questionnaires to 50 respondents. According to the results of the survey, 58% of the respondents are male, while 42% of the respondents are female. The location of the store is good because it is near a covenant school and different stores. The results of the study showed that the business will succeed in the future. The new generation has an openness to change to try new things. The researchers were confident to produce and introduce the business to the market. The researchers provided questions regarding the demographic profile of the target market. The data gathered were used as a guide in the production of the product. The survey results confirmed that the business idea will be successfully recognized in the market. The study proved that Potato Twist Snack House is acceptable to the target market. Thus, the finished concept is feasible to grow into a business that can be accepted in the market. The researchers predicted that the financial statements will increase per year. Hence, Potato Twist Snack House is feasible and viable to the market. The proponents needed to get the starting capital of Php 1,000,000 to start the business.

Keywords: potato, board games

Feasibility Study on Establishment of Donut Nation in Quezon City

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Abstract

Donut Nation promotes healthy lifestyles by providing healthy flavored doughnuts that have vegetable and fruit fillings. The business always looks forward to being ranked as one of the top in the market. According to the survey, Donut Nation is not popular with openness to change to try the students of Krus na Ligas and other customers from nearby establishments. As a part of the marketing strategy, the researchers introduced the products of Donut Nation and had a free taste. Flyers indicating the benefits of eating healthy doughnuts were also distributed. The business will become more successful in a short time by anticipating the new era that is open to trying something to benefit their health. The proponents conceptualized the food they should offer and come up with healthy doughnuts with malunggay, banana, carrot, mocha, and strawberry. This is also the first healthy doughnut shop that existed in the market. The business proponents aimed to offer a quality and healthy doughnut that is not pricey to introduce the products in the market. The survey proved that healthy doughnut is acceptable and can be successful in the market because of health-conscious customers. However, the finished products for the business are achievable to the market promptly. The capital investment for the business must be attained within five years to expand the proposed business.

Keywords: doughnut, healthy

Acceptability of Champorado Milk Tea among Selected Faculty and Grade 12 HE Strand Students in Bestlink College of the Philippines

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Abstract

Champorado is a chocolate rice pudding variation that uses pure chocolate known as tablea. Tsokolate tablea or plain tablea can be translated to "chocolate tablets" in English. Dried local cocoa beans, which often come from Batangas, are roasted for a few hours before grinding to a rich, chocolatey paste. The tablea itself is made by adding sugar (most often muscovado) to the paste and shaping it into balls or tablets. Champorado is a sweet and creamy chocolate rice pudding in the Philippines. It is a very popular breakfast item that originated from Mexico. The name "champorado" was derived from a Mexican drink called "Champurrado." We chose this topic to innovate a new food named champorado milk tea. We believed that it is more delicious than the typical milk tea sold at milk tea shops. The researchers used random sampling technique wherein we distributed survey questionnaires to 50 selected Grade 12 Home Economics (HE) Strand students and 10 HE teachers in Bestlink College of the Philippines. The questionnaire consisted of questions about the demographic profile and questions related to the product. The collected data were analyzed and tallied manually by using Microsoft Word to create the graphs. The researchers also gave a free taste to the respondents to answer the related questions about the product. The results of the research showed that most of the students agreed on the taste of champorado milk tea. The result was based on the interpretation of the product in terms of appearance, texture, aroma, taste, nutritional value, and competitiveness. The average grand mean for the students was 3.50, which had the verbal interpretation of strongly agree. Meanwhile, the grand mean for teachers was 3.08, which had the verbal interpretation of agree. The researchers concluded that the difference between typical milk tea sold in milk tea shops nowadays and the milk tea that we are innovated on was significant. We also concluded that most of the student respondents agreed on the acceptability of the product.

Assessment on Level of Acceptability of Kamias Wine

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Abstract

This product was chosen to show the benefits that people can enjoy when kamias is made into wine. It is closely related to star fruit (balimbing), but it is sour. Although fruit is not popular as other tropical fruits, it contains a high nutritional value. Experimental research was used here. A survey questionnaire was used to gather information from the respondents. A simple random sampling was applied to select the respondents. The weighted mean for the students in terms of taste was 3.79, which had the verbal interpretation of strongly agree. Meanwhile, the weighted mean for teachers was 4.9. In terms of aroma, the weighted mean for the students was 3.41, with the verbal interpretation of agree, while that for teachers was 4.12, which had the verbal interpretation of strongly agree. In terms of the nutritional value, the weighted mean of the teachers was 4.12, with the verbal interpretation of strongly agree. In terms of presentation, the weighted mean for the students was 3.73, with the verbal interpretation of strongly, while the weighted mean for teachers was 4.21, with the verbal interpretation of strongly agree. The overall weighted mean for students was 3.70, with the verbal interpretation of strongly agree, while that for teachers was 4.33, with the verbal interpretation of strongly agree. The difference between the assessment of the two groups of respondents in terms of the aforementioned variable was not significant. Hence, this study was conducted to know the value of a product, what they can see, and know if the respondents have the money to spare time to buy the product. We highly recommended that future researchers should study this topic further.

Keywords: sweet, alcohol, vintage

Assessment on Level of Acceptance of Tomato Wine

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Abstract

The researchers choose tomato wine as the product. Tomato species originated in Western South America and Central America. The word "wahuati tomato" gave rise to the Spanish word "tomato," from which the English word tomato was derived from. Tomato was domesticated and used as a cultivated food may have originated with the indigenous people of Mexico. Descriptive and experimental research methods were used here. The results of the research showed that in 50 Grade 12 Home Economics (HE) Strand students, most of them approved the taste of tomato wine. The results were based on the interpretation of the product in terms of taste, texture, nutritional value, and presentation. The average grand mean for the students was 3.53, which had the verbal interpretation of strongly agree. Meanwhile, the results from 10 HE teachers showed that the grand mean was 3.56, which had the verbal interpretation of agree. All indicates of variables had different results. In terms of taste, most of the respondents agreed that wine has a well-blended flavor, and "tasteless" was the least agreed indicator. In terms of aroma, most of the respondents agreed with the results of nutritional value. Most of the respondents agreed that tomato wine is rich in vitamins. and the least agreed indicator was low in cholesterol. In terms of presentation, most of the respondents agreed that tomato wine is safe to handle, and the least agreed indicator was the emphasis on the complexity of a dish's composition.

Keywords: yeast, texture, fermentation, tomato wine

Level of Acceptability of Squash Cake with White Chocolate

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Abstract

Squashes are local to the New World, where they were developed by local farming groups before European settlement. Natural products grow quickly. It must be gathered within a couple of days after the structure and should be utilized not long after it was reaped. The skin is, for the most part, viewed as eatable. Cakes are a cutting-edge adjustment of bread. Generally, in the past, bread is more utilized than cake. Cake is a type of sweet food that is produced using flour, sugar, and different fixings that is generally heated. Cake is regularly filled in as a celebratory dish during formal events, such as weddings, commemorations, and birthday celebrations. This study aimed to determine the level of acceptability of squash cake with white chocolate. In another bowl, flour, cinnamon, salt, baking soda, and baking powder were mixed. Afterward, raisins and walnuts were added. As a natively grown vegetable cultivated by Wampanoag Indians, squash holds a special place in American history. In the Americas, squash is one of three primary crops, the other two being maize and beans. A survey questionnaire (checklist) was used by the researchers to gather information from respondents. The researchers distributed the questionnaires to selected students of Bestlink College of the Philippines. The result of this study was tabulated and analyzed. This chapter presented the summary of findings from gathered data, the conclusion drawn, the findings, and the recommendations offered by the researchers.

Keywords: squash, cake, chocolate

Acceptability of Quail Egg with Malunggay Leaf Mixture

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Abstract

The advent of the new-generation quail egg has been popular because of its delicious taste. Quail eggs are common these days. Quail eggs are more nutritious than chicken eggs. Quail eggs are considered a delicacy in many parts of the world. In other countries, quail eggs are considered as less toxic food because it is the best source of vitamins for human health. The health benefits of quail eggs include the ability to improve vision, hasten metabolism, provide energy, and lower high blood pressure. Given that quail eggs have become popular with this generation, we came up with a new recipe, namely, quail eggs with malunggay (*Moringa oleifera*) mixture. Malunggay can be used as a substitute for butter. Malunggay has vitamins and minerals that can help strengthen the body's immune system, especially against infections, such as cough or colds. Malunggay is also high in vitamin C, which is integral for regulating the body's immune system. Malunggay oil is also a herbal medicine in the Philippines that is also popular in the Philippines. It is mostly added to Filipino foods, such as tinola, diningding, and monggo, to enhance flavor and add necessary nutrients. Malunggay contains antioxidants. In this study, we used a survey questionnaire (checklist type) to gather information from the respondents to achieve the main objective of the study. The result of this study showed how the acceptability of our product to respondents and how the products will be more marketable. In conclusion, the product is strongly agreed upon by the students and teachers in terms of taste, aroma, nutritional value, and presentation. The researchers recommended that future researchers should use this paper as a guide.

Keywords: acceptability, quail egg, *Moringa oleifera* leaf

Level of Acceptability of Talbos ng Kamote Juice

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Abstract

The researchers conducted this study to know the benefits of drinking talbos ng kamote juice to help the students to be more productive. It is best recommended to the students that do not like vegetables because it is a drink with lemon. Hence, it has more powerful vitamins. Instead of giving them soft drinks or other juices made in powder, talbos ng kamote juice should be given because of its health benefits, especially to students that need energy through school activities. A survey questionnaire was used as the instrument to gather information from the respondents. The results of this research showed that among 50 Grade 12 Home Economics (HE) Strand students, most of them agreed on the taste of tomato wine. The results were based on the interpretation of the product in terms of taste, texture, nutritional value, and presentation. The average grand mean for the students was 3.53, which had the verbal interpretation of strongly agree. Meanwhile, the grand mean for 10 HE teachers was 3.56, which had the verbal interpretation of agree. Therefore, we need more creativity to improve this product in terms of taste, aroma, nutritional value, and presentation. When making this product, we must weigh the correct amount of ingredients to produce a perfect juice blend. We recommended that future researchers should conduct further studies about this topic.

Keywords: lemon, ipomoea batatas, extract juice, terroir

Assessment on Acceptability of Sizzling Sardines

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Abstract

Sardine or pilchards are common names used to refer to various small, oily forage smells in the herring family Clupeidae. The term "sardine" was first used in English during the early 15th century and may come from the Mediterranean island of Sardinia, around which sardines were once abundant. Sisig is a Filipino dish that is made from parts of pig head and chicken liver. Sisig is usually seasoned with calamansi, onions, and chili peppers. Sisig was first mentioned in a Kapampangan dictionary in the 17th century, which means "to snack on something sour" and "salad." We chose this product because of the price because sizzling sisig is costly. We wanted to make a more affordable variant. Sardines have vitamin B12 and protein. It also has fewer calories. Sardines sisig is easy to cook. The technique used here was the survey method, and the instrument used to gather information was a questionnaire. The researchers used the survey method. The data were gathered by asking questions to the respondents who are involved in this study. This study used an experimental research design. A simple random sampling method was used to select the respondents. The researchers surveyed 50 Grade 12 Home Economics (HE) Strand students and HE teachers. The results indicated that the weighted mean for students was 3.20, which indicated that the product was highly accepted, and the weighted mean for faculty teachers was 3.91, which indicated that the product was highly accepted. The faculty teachers said that they like the variables taste, aroma, nutritional value, competitiveness, and presentation that we used to assess the acceptability of our product. The researchers made this product to introduce a new type of sisig for health-conscious customers. The researchers hope that this study will be used as references by future researchers. Hence, sizzling sardines can compete with other products because of their affordable price.

Keywords: sizzling sardines

Level of Acceptability of Sweet Squash Jam

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Abstract
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Spain brought its tradition of making jams to the West Indies. Marmalade came into existence in the 16th century when Mary Queen of Scots' physician mixed orange and sugar to help with her seasickness. Thus, marmalade became a favorite of royalty. Although the immigrants to the US brought their recipes with them, the first book on making jam appeared in this country in the 17th century. Early settlers in New England used other ways of making jam, such as using molasses, honey, and maple sugar to give it a sweet taste. Squash is also known as summer squash. Yellow varieties of squash provide numerous health benefits, such as vitamins A, vitamin B6, vitamin C, folate, magnesium, fiber, riboflavin, phosphorus, and potassium. The reason why we made this product was to make our society healthy because by providing a healthy snack option instead of eating junk food. Here, an experimental method was used. The researchers used a random sampling to select the respondents. The researchers chose 60 Grade 12 Home Economics (HE) Strand students and 10 HE teachers as respondents. The results showed that the differences in the assessments of students and teachers in terms of taste, aroma, nutritional value, and presentation were not significant because of the same results for the two groups of respondents, which had the verbal interpretation of strongly agree for students and very strongly agree for teachers. Sweet squash jam is the best food because of its nutrients. The respondents said that the product has a unique taste and concept because researchers replaced fruits with vegetables. The researchers recommended that future researchers should also make sweet squash jam as their innovative product to study it further. The researchers recommended that future researchers can make sweet banana Jam if the product is out of stock.

Keywords: experimental, theoretical framework, sampling techniques

Marketability of Mango-Ya Mocktail

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Abstract

Mango-ya mocktail is a combination of fruit and vegetable, which are green mango and bitter melon with the strawberry flavor of the grenadine syrup mocktails that are in any mixed drink that does not contain alcohol. The name "mocktail" is derived from the word "mock," meaning to "imitate" or "mimic." Mocktails are consumed by those who do not want to drink alcohol. Mocktails are generally sweet because they are prepared by mixing fruit juices, and sugar syrup juices make a great base for mocktails because they are full of flavor from the fruits and veggies, which contain antioxidants, phytonutrients, and minerals. Plus, they are easier to digest because they do not have fiber. Experimental research and randomized experimental designs were used in this study. The researchers used a survey questionnaire as the instrument to gather information. A simple random sampling technique was used to select the respondents. The results of this study showed that the weighted mean for the students was 3.46, with the verbal interpretation of strongly agree. The weighted mean for teachers was 3.59, with the verbal interpretation of strongly agree. The researchers recommended that future researchers should conduct a further study on this topic to gain more knowledge about it. Hence, the product has good taste, aroma, nutritional value, and good presentation.

Keywords: Mango-Ya, mocktail, cocktail

Level of Acceptability of Papaya Juice with Honey in Bestlink College of the Philippines

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Abstract

The researchers made this research to know the level of acceptability of papaya juice with honey in Bestlink College of the Philippines. Papaya (*Carica papaya*) is one of the native fruits in the Philippines. It is a fruit that is we can see everywhere. Papaya juice originated in the 17th century. Honey is a thick liquid that is amber or gold in color. The researchers used an experimental research design in this study. A survey questionnaire was used to gather the data of the respondents. A sampling technique was applied to select the respondents. The results showed that the product is acceptable because people tend to look for alternative products because of the smell of the product but will not risk their health. Researching about acceptability is not easy because it requires time and patience, especially when the product has many competitors. The results of the study showed that in terms of all variables, students had a weighted mean of 3.49, with the verbal interpretation of strongly agree. In terms of all variables, the teachers had a weighted mean of 3.59, with the verbal interpretation of strongly agree. Our product is made of papaya and added honey for a twist. The results showed that the product is excellent. We can recommend this product as one of the unique juices in the market.

Keywords: extract, juice, honey

Assessment on Level of Acceptability of Cupcake Made from Jackfruit Seed Flour

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Abstract

Jackfruit (*Artocarpus heterophyllus*) is a common fruit that is found in the Philippines. Jackfruit seeds are good sources of important nutrients such as carbohydrates, dietary fibers, antioxidants, vitamin A, vitamin B, vitamin C, and some minerals. In this study, jackfruit seeds were dried and powdered to produce jackfruit seed flour. The researchers used jackfruit seed flour as a main ingredient of baking cupcakes. The research was experimental. The researchers used a random sampling technique to select the respondents. They also used a survey questionnaire for data collection. In terms of taste, the respondents had a weighted mean of 3.32, which indicated that the product was acceptable. In terms of aroma, the respondents had a weighted mean of 3.55, which indicated that the product was highly acceptable. In terms of nutritional value, the respondents had a weighted mean of 4.02, which indicated that the product was highly acceptable. In terms of competitiveness, the respondents had a weighted mean of 4.35, which indicated that the product was highly acceptable. In terms of presentation, the respondents obtained a weighted mean of 4.22, which indicated that the product was highly acceptable. The composite grand mean of the respondents was 3.75, which indicated that the product was highly acceptable. In terms of the level of acceptability, the respondents rated jackfruit seed flour as highly acceptable. The aroma of the jackfruit seed flour is highly acceptable, with no bitter aftertaste. The researchers recommended that future studies should further refine the product in terms of marketability, competitiveness, and presentation.

Keywords: jackfruit, seed, flour, common fruit

Level of Acceptability of Fudge Oreo with Cream Milk

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Abstract

Fudge is a type of sugar candy that is made by mixing sugar, butter, and milk; heating it to the soft-ball stage at 240 °F (116 °C); and then beating the mixture while it cools to acquire a smooth, creamy consistency. This study focused on the level of acceptability of fudge Oreo filled with cream milk in the Home Economics (HE) Strand in Bestlink College of the Philippines. The researchers conducted this study because it has many nutrient contents and we want to satisfy customers with the delicious taste and softness of their product. This study used a descriptive research method. We used a survey questionnaire and then tabulated the obtained data. The respondents included 50 HE Strand students and 6 HE teachers who answered the survey questionnaire, which included questions regarding the taste, aroma, and presentation of the product, that is, fudge Oreo filled with creamy milk. One survey table was removed due to being incomplete. The respondents answered the questionnaires by rating each indication given by putting a check on the space provided that corresponds to their answers. The results showed that the students obtained the average weighted mean of 1.32, with the verbal interpretation of least agreed, while the teachers obtained the average weighted mean of 3.41, with the verbal interpretation of agreed. Future research should explore and understand new and improved products. Given that this research showcased the level of acceptability of the product, it would be interesting to study the level of the feasibility, marketability, and effectiveness of a product. In the future, it will be very important to study consumer psychology in detail for food consumption and purchasing habits to launch new products that will be successful. We hope that future researchers can use this study as a guide for their future research study if they are going to create a similar product.

Keywords: fudge Oreo, cream milk, acceptability

Viability of Using Squid as Alternative Ingredient in Making Siomai among Selected Senior High School Students and Teachers in Bestlink College of the Philippines

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Abstract

Squid siomai is a type of steamed product that is usually combined with extenders such as garlic, carrots, and ketsay, and then wrapped in wonton wrappers. It is commonly steamed but it can also be fried for a crispy exterior. Siomai is usually prepared with egg yolk and ketsay leaves that served as the reference effect for different nutrients, such as calcium, iron, zinc, and vitamin B12. Sugar and pepper are the main sources of taste and the main ingredients that give siomai a sweet and spicy taste. Siomai can be healthier by adding carrots. The researchers reduced the sugar content and adding a healthier ingredient, that is, squid, which would benefit the Senior High School students of Bestlink College of the Philippines. The researchers used a random sampling technique to select the respondents, including 50 Grade 12 Senior High School students and 10 Home Economics (HE) teachers in Bestlink College of the Philippines. A survey questionnaire was used as the instrument to gather information. It consisted of questions about the demographic information of the respondents and the taste of siomai. The collected data were analyzed and tallied manually. The researchers also gave free taste to the respondents to answer the questions regarding the product. The results of this research showed the results in terms of taste, aroma, nutritional value, and competitiveness. The average grand mean for the students was 3.65, which had the verbal interpretation of strongly agree, while the average grand mean for the teachers was 3.25, which had the verbal interpretation of moderately agree. The researchers concluded the following. The difference between the regular siomai and Squid siomai in terms of taste, aroma, nutritional value, and competitiveness was significant. Many respondents like the squid flavor in the siomai. The researchers recommended eating healthy foods and having a balanced meal every day to avoid getting sick.

Keywords: squid siomai

Asset Management System

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Abstract

The hotel and restaurant management system is all about managing a business in the hospitality industry that provides high-quality customer service to provide a smoothly functioning system. It pictures out the step-by-step process of every department. The proponents interviewed key people in the company to know the business plan and how to operate the whole process. Part 2 of the asset management system is Logistic 2. The hotel and restaurant business suffered in monitoring and recording of assets because the process is time-consuming and has a disadvantage of loss of records due to papers' durability, which is mostly used for recording. The proponents developed a web-based system that facilitates and stores the managing functioning of the company. This system will assist in creating while functioning and maintaining things of value to an entity or group. It may apply the systematic process of operating, maintaining, upgrading, and disposing assets effectively, as well as faster auditing. The system executed a unique tag for every asset, which is used to determine the details of each asset. The method used by the proponents was agile software development, which is a systematic theoretical analysis that is applied in developing and completing the project, it is which requirements and solutions solve through the effort of self-organizing and cross-functional teams and/or customers or end-users. The outcome of the project was connected to maintenance, repair, and overhaul that gives a vehicle status. Project management gives a real property, procurement notifies receive, room facilities for the status of the asset, audit management for audited assets, vehicle and fleet management for asset vehicle information, and waste management to dispose of an asset. Future researchers will benefit from this study by sharing significant information that will help them obtain knowledge about asset management systems. It gives the planning asset, negotiates contracts with vendors, sets up assets for users, applies the asset use activity, disposes of assets information, generates accurate reports, and classifies the asset and user-friendly system.

Keywords: agile, cross functional

Procurement and Vendor Portal

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Abstract

This study on logistics focused on the procurement and vendor portal system information to solve the problems encountered to take advantage of the ordered item and find solicit, active vendor management to bid based the all-department requests and purposes to purchase business goods and equipment items agreement process because of the well-provided structures between procurement and vendor portal transactions. Thus, from now, the use of technology is the one of effective strategies in logistics. The project of procurement and vendor Portal combined the transactions and are very effective useful inside the part of the logistics department. Agile scrum methodology was used here. The scrum master, scrum team developers, and scrum collaborated in this agile development project. It is composed of project background, project charter, product backlog, sprint backlog, sprint burndown chart, user manual, recommendation, and conclusion and appendices. It discussed the module problem, solution, and output in the system. The developers' findings are very crucial because it is difficult to resolve different issues in Logistic 2, such as data structures and integrations transactions. The problem with our system in Logistic 2 was the lack of tables and different transaction situation reports. The problem of warehousing and procurement is the lack of tables for inventory and reports to print and purchase orders. This study is important for the user/staff to know the procurement and vendor portal to resource process and be guided in transactions. It serves as a user manual from the system that was developed by the proponents. The objectives are the goal that should be reached by the team. Objectives are also essential for developing a project. This project study may have some loopholes in terms of the functionality of the system, but it has standard functionality and is well-documented in terms of process.

Keywords: Logistics 2, agile scrum methodology, product backlog, sprint backlog

Acceptability Level of Special Red Mungo Bean Bukayo and Latik Syrup

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Jebie Bonares
Mary Ann Sario
Jackie Servantes
Fernand Jay Alfaro
Alice Tolato
Bestlink College of the Philippines

Abstract

Most people like sweet foods or desserts, such as chocolate, cake, and ice cream. It is a sign for us to build a business with products that people can easily recognize and can fulfill their cravings. We chose special red munggo bean bukayo and latik syrup to make different our product from other company or store. We made our product with the twist to attract customers because of the odd taste and appearance of the product. People love cakes and chocolates, but our product is unique and can satisfy the customers. Red munggo beans are a healthy food because they contain protein and vitamins. Hence, we decided to make it a business with a unique recipe by adding bukayo and latik syrup in red munggo beans to distinguish the product. Quantitative method and experimental research design were used here to evaluate the acceptability level of special red mungo bean bukayo and latik syrup to Grade 12 Home Economics Strand students and teachers. The sampling technique used here was random sampling. In terms of taste, the composite grand mean of the students was 3.19, with the verbal interpretation of agree. In terms of aroma, the composite grand mean of the students was 3.28, with the verbal interpretation of agree. In terms of presentation, the composite grand mean of the students was 4.13, with the verbal interpretation of strongly agree. In terms of competitiveness, the composite grand mean of the students was 4.03, with the verbal interpretation of strongly agree. In terms of the nutritional value, the composite grand mean of the students was 3.79, with the verbal interpretation of strongly agree. In terms of taste, the teachers had a grand weighted mean of 3.05, with the verbal interpretation of agree. In terms of aroma, the grand weighted mean for the teachers was 3.20, with the verbal interpretation of agree. In terms of presentation, the grand weighted mean for the teachers was 4.43, with the verbal interpretation of strongly agree. In terms of competitiveness, the grand weighted mean for the teachers was 3.83, with the verbal interpretation of strongly agree. In terms of nutritional value, the grand weighted mean for the teachers was 3.68 strongly, with the verbal interpretation of agree. The researchers made this product to introduce a new flavor of red mungo beans to give the customers a much healthier option.

Keywords: special red mungo beans

Feasibility Study on Establishment of Cal' Keeping Agent in Sangandaan, Quirino Highway, Quezon City

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Abstract

Cal' keeping agents is an on-call housekeeping service. Housekeeping refers to the management of duties and chores that are involved in running a household, such as cleaning, cooking, home maintenance, shopping, laundry, and bill payment. These tasks may be performed by members of the household or by someone that was hired for this purpose. The term is also used to refer to the money allocated for such use. At first, the researchers interviewed the staff of other establishments to observe and how the business operates and how these businesses became successful. Related studies on Cal' Keeping Agent were studied along with the industry review. The proponents also surveyed 50 participants where the proposed business will be established. A total of 40% of the respondents indicated that they may call the company twice a month, 35% of the respondents responded once a month, 15% of the respondents replied once a week, and 10% of the respondents answered yearly. In terms of hour allocation in cleaning the house, 31% of the respondents answered that the average hours on cleaning per month is 11–15 h, 28% of the respondents replied 5–10 h, 17% of the respondents answered 16–20 h, 14% of the respondents answered less than 5 h, and 10% of the respondents responded more than 21 h. The majority of the respondents' expectation for finishing a cleaning session would be 3 h, while the least hour would be 5 h. Meanwhile, 45% of the respondents wanted to use a one-time cleaning session, 30% of the respondents said that they wanted to use a deep cleaning service, and 25% of the respondents preferred to use a standard cleaning service. In terms of price preference, 40% of the respondents can afford to P800 for cleaning service, 35% of the respondents are willing to pay P1,000, and 25% of the respondents are willing to pay P500. In terms of the location viability, 65% of the respondents agreed that the business is accessible in Sangandaan, Quirino Highway, Quezon City. Most of the respondents would generally call a cleaning service once a month, while only 36% of the respondents need the service twice a week. Cal' Keeping Agency will operate for 12 h every day. The business will start at 8:00 am and close at 9:00 pm. In terms of the financial aspect, the business revenue is forecasted to have a 10% increase annually. The business will grow in terms of expenses yearly. The changes in owners' equity with a starting capital of P200,000 per partner will be added with the net income (P403,803.4). The ending capital of the business will be the new capital for the second year of the business operation. The return on investment (ROI) is expected to achieve in its first year of operation by 32.35% and will follow by the next ROI year-on-year.

Keywords: bed making, capital, feasibility, general partnership, housekeeping, industry review, owners' equity, return on investment

Level of Acceptability of Suman Kalabasa

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Abstract

Suman is a rice cake that originated from the Philippines. It is made from glutinous rice cooked with coconut milk that is often wrapped in banana leaves or buli or buli palm and steamed. It is usually sprinkled with sugar or laden with "anis." Suman is also known as "budbod" in the Visayas region. We made a new version of suman by adding kalabasa. This product maintains the good health of every person who eats it and has been reported in experimental studies to be filling. This is also healthy similar to suman kamote. It is good because it contains nutrients and can give more benefits to our bodies. A quantitative method was used in the study using the experimental research design to evaluate the level of acceptability of suman kalabasa among Grade 12 Home Economics (HE) Strand students and teachers. The following five factors were assessed to determine the level of acceptability of suman kalabasa: taste, aroma, nutritional value, competitiveness, and presentation. Data were collected by distributing questionnaires to 50 Grade 12 HE Strand students and 10 HE teachers that were selected by single random sampling. In terms of taste, the grand mean was 3.10, with the verbal interpretation of agree (A). In terms of aroma, the grand mean for students was 3.16, with the verbal interpretation of A. In terms of presentation, the grand mean for students was 4.10, with the verbal interpretation of strongly agree (SA). In terms of competitiveness, the grand mean for students was 4.08, with the verbal interpretation of SA. In terms of nutritional value, the grand mean for students was 4.13, with the verbal interpretation of SA. In terms of taste, the grand mean for teachers was 3.77, with the verbal interpretation of SA. In terms of aroma, the grand mean for teachers was 3.55, with the verbal interpretation of SA. In terms of presentation, the grand mean for teachers was 4.30, with the verbal interpretation of very strongly agree (VSA). In terms of competitiveness, the weighted mean for teachers was 4.75, with the verbal interpretation of VSA. In terms of the nutritional value, the grand mean for teachers was 4.70, with the verbal interpretation of VSA. Therefore, the difference between the assessments of Grade 12 HE Strand students and HE teachers in Bestlink College of the Philippines is not significant.

Keywords: rice cake

Feasibility Study on Establishment of Blockbuster Snack House in Lagro, Quezon City

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Abstract

Cinema, movie house, and pay-per-view are a few of the most trending entertainment services not only in Metro Manila but also in other parts of the Philippines. Horror, drama, romance, comedy, and science fiction are some of the most supported movie genres of moviegoers. The researchers conceptualized "The Blockbuster House" by sharing different ideas and suggestions. Hence, the researchers built this kind of in-store type of business. The Blockbuster House is a type of business concept that differs from other cinema or food stores. Blockbuster Snack House offers different genres of movies that customers can pick from on Netflix. The offered foods by the business are chicken wings, chicken tenders, crispy chili, bacon maple wings, mozzarella sticks, French fries, super nachos, Monte Cristo sandwich, potato cheese rolls, and Filipino lumpia. Blockbuster Snack House also offers different soft drinks and mineral water. Each customer will pay P250 to watch the movie; this entrance fee includes consumable food or drink. This business is located at Block 65 Lot 01 Kudpyapi Street Lagro Subdivision, Novaliches, Quezon City. This feasibility study is proven profitable and unique in the market. This business can also upgrade as a business plan. The researchers proved that the Blockbuster Snack house is a place where everyone can hang out and watch movies. Despite the weakness and threats, the business can gain more profit and serve more customers. The formal outline of a company's structure makes it easier to add a new position to the company and provides a flexible and ready means of growth. The researchers created their structure to improve their business decision-making process, sending information to a manager or employees responsible for completing business functions. The researchers analyzed the location of the store thoroughly, which should be easily seen by the customers. The researchers created a set of a questionnaire that includes the demographic profile of the respondents and different sets of questions regarding the business and distributed to the respondents. Due to the possible market demand, there will be more people who need to operate the business. If the business has enough budget, then it should hire workers to help operate the business. High-tech equipment is needed to produce products. Overall, the researchers are very confident that the business will be successful.

Keywords: budget, feasibility, innovation, movie, quality standards, snack house stakeholders, target market, value for money

Level of Acceptability of Ampalaya Muffin

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Abstract

The researchers want to introduce a new product that may help us to keep our bodies healthier and provide an option to make children eat vegetables. The researchers used a quantitative research design in conducting this study. Questionnaires were distributed to 60 respondents, 50 of which are students, and the remaining 10 are teachers. The results showed that the students agreed to the taste of the product, while the teachers strongly agreed about the nutritional value of the product because it has several nutrients. This study also revealed that the difference between the teacher and student in terms of the aforementioned variables was not significant. This study revealed all respondents said that ampalaya muffin is delicious and rich in vitamins. The researchers also recommended that future researchers should always give their best in conducting a study to provide the best product. The researchers also hoped that their study could be used as a reference for future studies and their product can be beneficial to future generations.

Keywords: ampalaya muffin

Level of Acceptability of Sweet Potato Puto

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Abstract

Sweet potato (*Ipomoea batatas*) is a tropical perennial American vine that has a fleshy tuber. There are five types of sweet potato: jewel, purple, Japanese, Hannah, and garnet. Sweet potatoes are a great source of fiber, vitamins, and minerals. The consumption of sweet potatoes decreases the risk of obesity, diabetes, heart disease, and overall mortality. Sweet potatoes also contain a high amount of potassium. The researchers used the purple variety of sweet potato in making puto because it is one of the most nutritious varieties of sweet potato. The researchers utilized the experimental research design. The sampling technique to be used in this study was simple random sampling. Questionnaires were distributed to gather data from the respondents. In terms of taste, the respondents had a weighted mean of 3.55, which had the verbal interpretation of highly acceptable. In terms of aroma, the weighted mean of the respondents was 4.01, which had the verbal interpretation of highly acceptable. In terms of the nutritional value, the weighted means of the respondents was 3.79, which had the verbal interpretation of highly acceptable. In terms of competitiveness, the weighted mean of the respondents was 4.46, which had the verbal interpretation of highly acceptable. In terms of presentation, the weighted mean of the respondent was 4.50, which had the verbal interpretation of very highly acceptable. The composite grand mean of the respondents was 4.09, with the verbal interpretation of highly acceptable. The level of acceptability of sweet potato puto was highly acceptable, the aroma of the sweet potato puto was highly acceptable, and there is no aftertaste of bitterness. The researcher recommended further refining the product to improve its marketability, competitiveness, and presentation.

Keywords: ipomoea batatas, puto, sweet potato

Assessment on Level of Acceptability of Chayote Cupcake

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Abstract

The study focused on the assessment of the level of acceptability of chayote cupcakes. Chayote is used for human consumption in many countries; nevertheless, the preparation may be different depending on the region. The extracts of the chayote leaves and seeds are effective in lowering blood pressure and dissolve urinary calcifications when consumed several times daily. It also has potassium and phosphorus contents. In the study, the researchers used chayote vegetables in creating a new type of cupcake and assess the level of acceptability to the selected Grade 12 Home Economics (HE) Strand students and teachers in Bestlink College of the Philippines. The research design used in this study was a descriptive method, and 60 respondents, including Grade 12 HE Strand students in Bestlink College of the Philippines, were selected using a random sampling method. A survey questionnaire was used as one of the instruments to gather information from the respondents. Based on the results, chayote cupcake is moderately acceptable in terms of taste, texture, and nutritional value. In terms of aroma, the level of acceptability was acceptable. The researchers tabulated and evaluated the results of the questionnaires that were answered by the respondents. Some respondents were taken aback by the chayote cupcake. The researchers innovated a new type of cupcake because only a few flavors are available in the market. This study can be used as a basis for future studies. Future researchers may also improve chayote cupcakes further, especially the taste, texture, and aroma. Chayote cupcakes will be beneficial to people because of their health benefits, and they may replace some of the junk foods in the market.

Keywords: chayote cupcake

Assessment of Ampalaya Corn Dog among Grade 12 Home Economics Strand Students of
Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

A corndog is a sausage (usually a hot dog) on a stick that has been coated with a thick layer of cornmeal batter and then deep-fried. It originated in the United States and is commonly found in American cuisine. Corn dogs are often served as street food or fast food. For the best and freshest preparation, some vendors or restaurateurs dip and fry their corndogs before serving. Some corndog purveyors sell premade frozen corn dogs, which have been thawed and then fried again or browned in an oven. Corndogs can also be found at almost any supermarket in North America as frozen food that can be heated and served. Premade frozen corn dogs can also be heated in a microwave oven, but the cornbread coating will lack texture. Bitter melon (*Momordica charantica*) is native to Asia and has yellow flowers and orange, warty fruits that open at maturity to expose red-coated seeds. Various parts of this plant are used in traditional medicine or for food, even the immature green fruit of this plant as a vegetable. The technique used here was the survey method, and the instrument used to gather information was a questionnaire. The researchers also used experimental research design and a sampling method to select the respondents. The research surveyed 50 Home Economics (HE) Strand students and 10 HE teachers in Bestlink College of the Philippines main campus. The weighted mean for the students was 4.1, which had the verbal interpretation of highly accepted. The weighted mean for the teachers was 4.17, which had the verbal interpretation of highly accepted. The teachers said they like the taste, aroma, nutritional value, competitiveness, and presentation of our product. The researchers made this product to introduce a new type of corndog, that is, ampalaya corndog, to provide a healthy option in the market. This research will help future researchers in conducting their studies.

Keywords: ampalaya corn dog

Viability of Pechay Chips and Stalk in Bestlink College of the Philippines

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Abstract

Crispy fried pechay stalk is an easy and quick recipe. This dish consists of pechay stalks coated in flour mixture, eggs, and bread crumbs and then deep-fried until light brown. The stalks are trimmed from our previous recipe (stuffed pechay). Crispy fried pechay stalks are usually served as an appetizer together with mayo-ketchup dipping sauce. Nowadays, many people do not want to eat vegetables because of their taste. We wanted to change people's perspectives on eating vegetables. Thus, we created this dish. Petchay is widely used in Asian dishes. It has smooth and dark green leaf blades forming a bunch of leaves similar to mustard or celery. Petchay is best cooked when stir-fried, steamed, boiled, or stuffed. Pechay is also used in hotpots or shabu-shabu. It may taste slightly bitter, but the crunchiness of the vegetable is admirable. This chapter presents the research design, tables and figures, instrument, validation of instrument, data gathering procedure, and statistical treatment. The results of this research showed that in 45 Grade 12 Home Economics (HE) Strand students in Bestlink College of the Philippines liked the idea of fried pechay with stalks as the flavor of pechay. The variables used to assess the acceptability included taste, aroma, nutritional value, and competitiveness. The average grand mean for the students was 3.40, which had the verbal interpretation of strongly agree. Meanwhile, the 10 HE teachers had an average grand mean of 3.20, which had the verbal interpretation of moderately agree. Pechay has many health benefits for our body because it contains vitamins and minerals that help in keeping one's body healthy in terms of having stronger bones and glowing shin. Petchay also has thiamine, vitamin B, and folate for better functioning health, muscles, and the nervous system. The thesis statement indicated that we should proceed with the introduction of crispy fried petchay that has health benefits.

Keywords: pechay chips, pechay stalks

Acceptability of Squash Pandesal

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Abstract

Filipinos, young and old, like pandesal. Baking pandesal has been considered a product that results from the find test of a chef's art and expertise. It's commonly served hot and may be eaten, dipped in coffee, hot chocolate, or milk. It can be also be complemented with jam or other fillings, such as adding squash to pandesal as attempted in this study. The method we used to select the respondents was random sampling. Based on our survey, 99% of our respondents left good comments, and 1% of respondents left bad comments. A total of 99% of the respondent had almost similar comments, such as healthy, crunchy, have a good taste, good for the children, and delicious.

Keywords: pandesal, squash, lottery

Waste Management

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Abstract

Hotel and Restaurant Management is a system that deals with the systematic flow of hotels and restaurants. It pictures out the step-by-step process of every department and also where Human Resource, Core, Logistics, Admin, and Finance are created. Waste management is the activities and action that is required to manage waste from its inception to its final disposal. Waste management includes waste collection, transport, treatment, and disposal together with monitoring and regulating the waste management process. Waste management developed the execution of proper waste management in the industry. Waste management deals with all types of wastes, including industrial, biological, and household wastes. The proponent used the agile scrum methodology. A project management system relies on incremental development. Each iteration consists of 2–4 week sprints, where each sprint's goal is to build the most important features first and come out with the potential result of the product. A processed framework for managing complex knowledge work with an initial emphasis on software development, although it has been used in other fields, slowly started to be explored for research and advanced technologies. The researchers identified the common problem in every company, which is waste. The team created a system that monitors and tracks the waste inside the hotel and restaurant and created functions such as disposed of repair and auction. As a result, our team created a system that suits the problem perfectly and helped the company to operate smoothly. Based on the results, the proponents showed the possibilities of creating a system that helped young aspiring innovators. The use of a cloud-based system reformed the IT industry and upgraded students in innovating simple ideas into a finer community.

Keywords: system, result, creation

Level of Acceptability of Strawberry Mint Brownies

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Abstract

Strawberries are bright red, juicy, and sweet. They are an excellent source of vitamin C and manganese. Strawberries also contain decent amounts of folate (vitamin B9) and potassium. Strawberries are usually consumed raw and fresh. These berries can also be used in a variety of jams, jellies, and desserts. Strawberries mainly consist of water (91%) and carbohydrates (7.7%). Jams contain only minor amounts of fat (0.3%) and protein (0.7%). This study used an experimental research design. The respondents were selected randomly by using "lottery" or "fishbowl" method. The researchers utilized a survey questionnaire to collect the data. The respondents assessed strawberry mint brownies in terms of several variables. In terms of taste, the respondents obtained a weighted mean of 3.75, which indicated that the product was acceptable. In terms of nutritional value, the respondents obtained a weighted mean of 3.65, which showed that the product was acceptable. In terms of texture, the weighted mean for the respondents was 3.97, which showed that the product was acceptable. In terms of aroma, the respondents obtained a weighted mean of 3.75, which indicated that the product was acceptable. It is believed that strawberry is an acceptable product. Most of the respondents like our product; based on our survey, 90% of our respondents left a good comment, and 10% of the respondents left a bad comment.

Keywords: brownies, foliate, lottery

Acceptability Level of Carrot Chips

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Abstract

Carrots (*Daucus carota subsp. sativus*) are root crop vegetables that can specifically help slow down sun damage to skin, eyes, and immune system. Carrot is a wonderful plant for sweet and savory foods. The antioxidants in carrot chips can also help to protect against heart disease and other cancers. Carrot can be either fried or dehydrated. The fried version of carrot chips is often referred to as carrot fries with different geometric shapes, but it has an oil content of 35%–40%. Carrot chips are gluten-free, low-fat snacks that are easy to make and handy. Carrot chips are a healthy alternative to fried chips; it tastes salty and sweet similar to potato fries. A quantitative method was used in the study, and an experimental research design was applied here to evaluate the acceptability level of carrot chips. The respondents included 50 Grade 12 Home Economics (HE) Strand students and 10 HE Strand teachers that were selected through simple random sampling. The following five factors were considered regarding the acceptability level of carrot chips: taste, aroma, nutritional value, competitiveness, and presentation. Data were collected by distributing questionnaires to the respondents. The result of the study revealed that carrot chips taste good and are savory. In terms of taste, carrot chips taste good compared with other types of chips because of the flavor. In terms of aroma, carrot chips have a good aroma because of cheese and barbeque powders, which gives the product a good aroma. In terms of the nutritional value, consumers can get more benefits from carrot chips than other chips. In terms of competitiveness, the respondents indicated that this product is competitive because it is unique and affordable. In terms of presentation, the respondents indicated that this product has good presentation because of the container of the food. The results revealed that the aforementioned variables are the most common to make carrot chips. Banana became the most common material for making chips. Here, we can see the creative effort of the researchers to prove that bananas and potatoes are not the only ones that can be turned into chips.

Keywords: taste, aroma, nutritional value, competitiveness, presentation

Assessment on Acceptability of Ginger Chocolate Cookies

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Abstract

Cookies are sweet biscuits that can be mass-produced in factories. Cookies are often served with a beverage such as milk, coffee, and tea. Ginger can improve one's blood flow and enhance nutrient absorption. In this study, we added ginger as an ingredient of cookies. Ginger is a very popular ingredient in Indian foods and has many health benefits. Bitter gourd consists of vitamins and minerals. We used random sampling to select the respondents. We distributed the survey questionnaires. The respondents included Grade 12 Home Economics Strand students and teachers in Bestlink College of the Philippines. Based on the results of the survey, the composite grand mean for the students and teachers was both 3.75. In terms of taste, the grand mean for students and teachers was both 3.00. In terms of aroma, the grand mean for students and teachers was both 3.57 possibly because of the smell of ginger. In terms of the nutritional value, the respondents had a grand mean of 3.93. In terms of competitiveness, the grand mean was 4.15. In terms of the presentation, the respondents had a grand mean of 4.13. We presented the product properly to the respondents. Adding ginger to cookies upgraded the taste because of the mixed spiciness and sweetness. This product will easily sell in schools or the market because it is healthy. We chose ginger to contradict their spiciness and sweetness.

Keywords: cookies

Feasibility Study on Establishment of Fruity Corndog in Dahlia Avenue Quezon City

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Abstract

Fruity corndog was innovated through the fusion of hotdogs and fruit. Corn dogs can also be found in any country because of their popularity since it is a frozen food that can be heated and served. Pre-made frozen corn dogs can also be heated in a microwave oven and even deep-fried. The researchers surveyed respondents in Dahlia Avenue, Quezon City by questions including items regarding the demographic profile of the respondents and questions related to the product to know what is the best aspect of the business. The target markets of the product are schools, malls, and residents in the area. The researcher decided to have a very unique business. The business proponents were confident enough to introduce the product to the market. The data gathered served as a guide in the production of the product. The results of the survey indicated that the business will be successful in the market The study proved that the corndog with fruit is acceptable to teens and kids.

Keywords: establishment, fruity corndog

Human Resource Management System - Human Resource 1

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Abstract

Human Resources 1 mainly focuses on managing and evaluating an employee and applicant as it provided a solution to a problem in companies who have a problem in choosing the right employee or applicant for the specific job position. As the proponents dug deeper into the problem, they found a solution that can improve the decision-making and management of the company in terms of evaluating employees and applicants. The motel and restaurant management system has subsystems called Human Resource 1 (HR1). HR1 has different levels of activities with designated submodules. These submodules are new hire on board, performance management, recruitment, applicant management, and social recognition. The proponents used the agile scrum methodology. Using this method, the scrum and the scrum team have to set a time duration with specific tasks to develop and meet the requirements in terms of developing and improving the system weekly with a series of trials and errors. Agile scrum methodology helped the team to identify the technical needs and time frame to finish the project. The research conducted by the development team showed the series of problems in the Human Resource Department, especially in Human Resource Part 1. It has many activities to do, and all these activities take place simultaneously. Managing these diverse activities manually can be difficult. The researchers developed an electronic way to reach users by using available devices on the Internet. Submodules including recruitment, applicant management, new hire on board, performance management, and social recognition were improved for a fast and easy transaction. This study focused on finding the best applicant that suits the company's qualifications. Human Resource 1's function is to help the company in selecting and appointing a suitable candidate for the job within an organization by making Internet-based technologies that will support all aspects of recruitment, hiring, and developing each applicant with the proper learning and attitude that will benefit the company and employee at the end of the process.

Keywords: agile scrum methodology, human resource, Internet-based recruitment

Level of Acceptability of Carunggayron

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Abstract

The food that we eat has many advantages and disadvantages depending on what type of food it is. While we eat to gain energy for our daily lives or satisfy ourselves, it is also important for them to be watchful about it. The World Health Organization reported that approximately 16.0 million (1.0%) individuals have disability-adjusted life years, which is a measure of the potential life lost due to premature mortality and years of productive life lost due to disability. A total of 1.7 million (2.8%) of the deaths worldwide are attributable to low fruit and vegetable consumption. In this study, we used a survey questionnaire (a checklist) to gather information. The results of this study showed that we used to see how our product will enjoy being enjoyed by the respondents and how it will become popular with the community. Our product has good ingredients that will help customers because it can be eaten as a substitute for junk foods. It can also help the market because our product is unique.

Keywords: acceptability, carrots, malunggay, polvoron

Rice Toppings

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Abstract

Filipinos are known as food lovers, and this is probably the reason why many delectable Filipino dishes appeared in the market. Filipinos love eating rice. Filipinos have different foods to offer. Hence, the researchers decided to create a business that offers pure Filipino dishes that came from different regions of the country. Rice toppings or bowl is the fastest and easiest way to eat on the go. The researchers chose the rice toppings business to represent different foods of the country conveniently. The researchers distributed survey questionnaires to 50 randomly selected respondents aged 18 years old and above. The respondents included employees, students, and residents living near the area, as well as even passersby in Kiko Camarin, Caloocan City. The researchers proposed that their business will be a hit in the market. It proposed different kinds of Filipino foods from their famous local places as customers approved through the survey. Quantitative research was used here to collect and analyze the data obtained from different respondents. The results of this study showed that the proposed business is budget-friendly and provides a convenient way to eat with the customers' favorite meals. The results of this feasibility study showed how the respondents understood the proposed business. The researchers are confident that the products are convenient and delicious at the same time. It can attract local consumers to buy the product. The business is also feasible and viable in the market. The researcher's marketing strategy is also simple but can attract a wide range of customers. The financial stability is acquired based on the projected and budget to ensure the effectiveness of the product.

Keywords: rice toppings

Assessment on Acceptability of Pork Siomai Malunggay in Bestlink College of the Philippines

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Izza Mae Santos
Jepherson Olleres
Nichole Ampon
Anthony Gonazales
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Bestlink College of the Philippines

Abstract

Siomai is the trend nowadays because it is very delicious and affordable. Malunggay (*Moringa oleifera*) is commonly referred to as the "miracle tree." The researchers added malunggay to siomai because it is very nutritious and rich in antioxidants that may lower blood sugar levels, may reduce inflammation, may lower cholesterol, and may protect against arsenic toxicity. The researchers used an experimental research design. The researchers also used a survey questionnaire as the instrument to gather information. Simple random sampling was used to select the respondents. Generally, the findings showed that the total composite weighted means in terms of taste were 3.715 for students and 3.05 for teachers. In terms of aroma, the total weighted means were 3.94 for students and 2.7 for teachers. In terms of the nutritional value, the total weighted means were 4.25 for students and 3.9 for teachers. In terms of presentation, the total weighted means were 4.29 for students and 4.2 for teachers. The total composite weighted means were 4.05 for students and 3.46 for teachers, which had the verbal interpretation of strongly agree. In terms of the taste of pork siomai malunggay, the average weighted means were 3.715 for students and 3.05 for teachers. In terms of aroma, the average weighted means were 3.94 for students and 2.7 for teachers. In terms of nutritional value, the average weighted means were 4.25 for students and 3.9 for teachers. In terms of presentation, the average weighted means were 4.29 for students and 4.2 for teachers. The overall weighted means were 4.05 for students and 3.46 for teachers, which both had the verbal interpretation of strongly agree. Based on the findings, the difference between the two groups of respondents was not significant. The researchers conducted this study to reach a goal, which is to sell this product. The researchers hope that this paper can be used as a reference in future studies.

Keywords: assessment, acceptability, pork, siomai, malunggay

Assessment on Level of Acceptability of Mangosteen Milk Tea

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Abstract

The popular drink milk tea started gaining attention twelve years ago. Milk tea fans keep growing as businesses keep on producing extensive menus that ensure to satisfy the customers. Nowadays, it is good to see someone consume milk tea once a week, waiting for hours to taste it. The Philippines is a coffee-drinking country, and milk tea suits the culture and climate. According to a study conducted in 2018, the Philippines is ranked as the second-largest consumer of milk tea in Southeast Asia. Each type of milk tea has different benefits. For example, black tea improves the ability of arteries to relax and expand to keep the blood pressure on the normal level. Given that the high consumption of milk tea, the market trend has grown dramatically fast, and the target group of consumers would be students and working groups that are under the age of 30. Many shops have been put up. Thus, milk tea is not as rare as it used to be. Many shops have various flavors for the customers. We innovated a new type of milk tea, that is, mangosteen milk tea. We believed that is more refreshing and healthier than the typical milk tea flavors sold in milk tea shops The researchers used a random sampling technique. We distributed survey questionnaires to the 50 selected Grade 12 Home Economics (HE) Strand students and 10 teachers/faculty members/experts in Bestlink College of the Philippines. The questionnaire consisted of items for the respondent's demographic profile and questions about the product. The collected data were analyzed and tallied manually by creating graphs using Microsoft Word The researchers also gave a free taste to the respondents to answer the related questions about the product. The results of the research showed that most Grade 12 HE Strand students agreed on the taste of mangosteen milk tea. The results were based on the interpretation of the product in terms of taste, aroma, nutritional value, competitiveness, and presentation. The average grand mean for Grade 12 HE Strand students was 3.75, which had the verbal interpretation of strongly agree. Meanwhile, the HE Strand teachers had the average grand mean of 3.08, which had the verbal interpretation of agree. This research aimed to define the acceptability of mangosteen milk tea among Grade 12 HE Strand students and teachers in Bestlink College of the Philippines. The researchers concluded that the difference between the two groups of respondents was not significant. Some of the students agreed on the interpretation of the product. The respondents also recommended that we must improve the taste of the product. The respondents also recommended adding designs to the cup to make it appealing to others.

Keywords: milk tea

Feasibility Study on Mana Mirel Restaurant Located at Regalado Avenue, Quezon City

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Abstract

A restaurant business is a lifetime business because it provides the primary needs of humans, which are foods and beverages. The restaurant business is one of the industries that never loses attractiveness in customer persuasion. The restaurant industry has inflation of approximately 7.5 from 2003 to 2004. The industry is full of potential and prospects. It is fast-growing and can lead to success if the owner is capable of managing and operating it well. Some people may think that it will be easy to establish and manage a restaurant if the food tastes good and it has a cozy environment. The main sources of data for this study were data gathered from 50 respondents who know about the services that the researchers offered. The target market included students, employees, and residents living near the area. The researchers also used secondary sources of data such as the Internet and books to gain more ideas and concepts. The findings from the study revealed that the restaurant industry in the Philippines is growing rapidly and in demand to the market. This research focused on promoting the quality of service of Mana Mirel Restaurant that is located at Regalado, Quezon City. It has a vintage interior that the customers will surely enjoy. Promoting Filipino cuisine locally and internationally is one of the purposes of this restaurant.

Keywords: establishment of Mana Mirel restaurant

Level of Acceptability of Tomato Jam

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Abstract

Tomato jam is a wonderful condiment for cheese, meat, and fish made of seasonal vined ripened tomatoes, sugar, cinnamon, and lemon rind. Tomato jam is carefully cultivated in the ecologically pure land of Alentejo, Portugal. Tomatoes are filled with antioxidants, which may help neutralize free radicals in the bloodstream that can cause cell damage. Tomatoes also contain lycopene, which is known to help reduce the risk for certain types of cancers. Tomato jam is an excellent substitute for ketchup. The researchers utilized the experimental research sampling design, and the respondents were selected by a sample random technique. Survey questionnaires were distributed to collect pertinent data for this research. In terms of taste, the respondents rated it as acceptable, with a weighted mean of 4.03. In terms of aroma, the weighted mean was 3.83. In terms of the nutritional value, the weighted mean was 4.19. In terms of presentation, the weighted mean was 3.86. In terms of viability, the respondents rated tomato jam as acceptable. The product has no aftertaste of bitterness and has an enticing aroma. It is recommended to further refine the product for competitiveness and presentation. Further study on its marketability is also recommended.

Keywords: tomato jam

Acceptability of Tomato Pastillas among Grade 12 Home Economics Strand Students in Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

Pastillas are one of the famous delicacies in the Philippines. It is a candy-like dessert that is made of carabao milk and confectionery sugar. Many people love pastillas because it is very handy; you can eat and buy it in souvenir shops. The researchers used tomato because it has many health benefits. It is a great source of antioxidants and lycopene that can help reduce the chances of having cancer and heart diseases. The researchers used the descriptive method of research to ascertain prevailing conditions affecting a given group. The instrument used here was questionnaire. The findings showed that the students had composite weighted means of 4.53 in terms of taste, 4.64 in terms of aroma, 4.99 in terms of nutritional value, and 4.02 in terms of presentation. The total composite weighted mean for the students was 4.80, with the verbal interpretation of strongly agree. The teachers had composite weighted means of 3.4 in terms of taste, 3.48 in terms of aroma, 4.35 in terms of nutritional value, and 4.25 in terms of presentation. The total composite weighted mean for the teachers was 3.87, with the verbal interpretation of strongly agree. In terms of taste, the respondents indicated that tomato pastillas is not salty, has a well-blended flavor, is delicious, and is appetizing. In terms of aroma, the respondents indicated that tomato pastillas has a pleasant smell; the two groups of respondents moderately disagreed that it has a foul odor and strongly agreed that it has a pleasing smell that makes you lick your lips. In terms of nutritional value, the two groups of respondents strongly agreed that the product is rich in vitamins and minerals, is good for the heart, and has low cholesterol. In terms of presentation, the two groups of respondents strongly agree. The four indicators emphasized by the respondents that should be improved were complexity, clean and neat presentation, safe handling, and aesthetic appeal. Therefore, the researchers concluded that our product is acceptable in the market.

Keywords: acceptability, tomato, pastillas, dessert

Feasibility Study on Establishment of Your Road Crave in Hilltop Putol na Daan, Lagro, Quezon City

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Abstract

This research focused on establishing a proposed business named "Your Road Crave" in Hilltop Putol na Daan, Lagro, Quezon City. The researchers created a new taste of churros by innovating the product and creating a unique flavor and dipping sauces to enable the business to create an outstanding product, strong brand, and build a customer network. The researchers also used other data from the Internet, books, and other references to help them gain additional ideas in doing the research and improving the product. The participants were carefully targeted and selected through stratified sampling techniques. The results were analyzed manually. The researchers observed the viability and accessibility of the location. Conceptualization initially commenced during the brainstorming phase and focus group discussions. According to respondents, the business location of Your Road Crave is very accessible to prospective clients. A total of 60% of the respondents were male, and 40% of the respondents were female. They are willing to spend P50–P150 pesos for their snack. The majority of the respondents want to try Oreo and red velvet churros. The researchers studied the market viability of the proposed business. The only lapse that was considered was brand awareness. The product or service is unique compared with the competitors. From a technical view, the market segments are well-studied. Given that the proposed business will be a general partnership, the owners will capitalize P1,000,000. At present, many business lines are existing, especially in the food industry. Therefore, innovating new products may be hard. Thus, the researchers studied the market or industry trends. The researchers believed that innovation will not only improve the chances of the business to survive but also help it to thrive and increase profit. Based on the study, the product that the researchers introduced is new to the market and has a possibility of surviving in the market. After in-depth research on the significant aspects such as powers involved in preparing the product, marketing, financial, management, and socioeconomic factors of this study, the researchers highly recommended that "Your Road Crave" shall be pursued and established.

Keywords: feasibility study, churros general partnership, establishment, market

Acceptability Level of Squash Tikoy with Cheese

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Abstract

The researchers made this research about squash tikoy with cheese to tell other people that our product is not simple and has many health benefits. Squash is one of the most versatile and delicious foods available throughout the world, and it has many health and medicinal benefits. Different squash varieties have various benefits, which include the ability to improve vision, aid skin care, strengthen the immune system, prevent cancer, manage symptoms of diabetes, build strong bones, and protect heart health. The researchers want to promote a healthy and convenient way of eating tikoy by introducing varieties of squash with cheese to the consumers. It would benefit not only consumers, but it will also help Filipino farming industries. This study utilized experimental and survey methods of research. The researchers used the experimental method and simple sampling technique. The differences in the terms of taste, aroma, nutritional value, and presentation were not significant. The weighted mean was high; hence, our research is good. Our product tastes good and has many health benefits. For people who do not eat squash, the researchers concluded they may eat squash tikoy with cheese because it is good for our body. Future researchers should study this product further to improve it.

Keywords: squash tikoy with cheese

Acceptability of Santol Cookies among Grade 12 HE Strand Students in Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

Baked or cooked food is typically small, flat, and sweet. It usually contains flour, sugar, and a type of oil fat. It can include other ingredients such as raisins, oats, chocolate chips, nub, etc. Cookies may be produced in factories, in small factories, or at home. Cookie variants include sandwich biscuits, such as custard creams, jammie dodgers' bourbons, and Oreos with marshmallows or jam filling. Cookies are Oreos often served with beverages such as milk, coffee, or tea. Santol or cotton fruit is a typical fruit grown in South Asia. It is commonly cultivated throughout these regions, and the fruits are seasonally abundant in local and international markets. The researchers always want to eat sweets and sour foods. The researchers created a new taste of the basic cookies and came up with this idea because many people do not like sweet foods. Hence, the researchers added santol to lessen the sweetness in cookies and create a new taste. The researcher used a random sampling technique because not all students and teachers will be able to answer the survey questionnaire. The researchers personally distributed the survey questionnaires to the students and teachers. The researcher chose Grade 12 Home Economics Strand students and teachers from Bestlink College of the Philippines. The results showed that the grand mean for students in terms of was 2.9, which had the verbal interpretation of moderately agree, while teachers had the grand mean of 3.07, which had the verbal interpretation of agree (A). In terms of aroma, teachers had the grand mean of 1.22 (L.S.). In terms of nutritional value, the students had a grand mean of 3.79, which had the verbal interpretation of A, while teachers had a grand mean of 4.4 8, which had the verbal interpretation of strongly agree (S.A.) In terms of competitiveness, students had a grand mean of 4.14, with the verbal interpretation of S.A., while teachers had a grand mean of 4.73, with the verbal interpretation of S.A. In this research, the researchers upgraded cookies by adding santol to mix sweet and sour tastes. This product will easily sell in schools or a bakery.

Keywords: santol cookies

Level of Acceptability of Mashed Cheese Squash to Selected Grade 12 and Faculty Members of Home Economics Strand in Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

Squash is one of the most underrated vegetables that people tend to overlook. Squash (under genus *Cucurbita*) is a variety of blooming plants in the gourd family (Cucurbitaceae), many of which are widely cultivated as vegetables for food and livestock feed. Squashes are local to the new world, where they are developed by local farming groups before European settlement. The product of the consumable species is normally filled in as a cooked vegetable, and the seeds and blooms may be cooked and eaten. Summer and winter squash are full of nutrients, containing trace amounts of B vitamins and healthy doses of iron, calcium, magnesium. and potassium. The rinds of squash contain beta-carotene. Squash is a staple food for many weight-loss regimens because of its potential health benefits. The researchers chose respondents composed of Home Economics Strand students and teachers. The researchers used a random sampling technique in this study. The research design used in this study was an experimental method. The researchers also used a survey as an instrument to gather information. The findings of this study showed that for students, the composite weighted mean in terms of taste was 3.8, that in terms of aroma was 3.5, that for nutritional value was 3.8, and that in terms of the presentation was 4.0. The total composite weighted mean was 3.78, which had the verbal interpretation of strongly agree. For teachers, the composite weighted mean in terms of taste was 3.7, that in terms of aroma was 3.5, that in terms of nutritional value was 4, and that in terms of the presentation was 3.5. The total composite weighted mean was 3.68, which had the verbal interpretation of strongly agree. In terms of taste, the respondents indicated that mashed cheese squash is not too salty, has a well-blended flavor, and is delicious. In terms of aroma, the respondents agreed that mashed cheese squash has a pleasant smell, and all respondents strongly agreed that it does not have a foul odor. The respondents also indicated that mashed cheese squash has a pleasing smell that makes you lick your lips. In terms of aroma, the respondents said that it influences the taste.

Keywords: mashed cheese squash

Feasibility Study on Establishment of Top Eat in Kiko Camarin, Caloocan City

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Abstract

Filipinos are popularly known as food lovers; this is probably the reason why many delectable Filipino dishes had risen. Filipinos love eating rice. Given that Filipinos have different foods to offer, the researchers decided to create a business that offers purely Filipino dishes from different regions of the country. Rice toppings or rice bowl is the fastest and easiest way to eat on the go. The researchers chose the rice toppings business to represent different foods in the country in a convenient way. The researchers distributed survey questionnaires to 50 randomly selected respondents aged 18 years old and above. The respondents included employees, students, and residents near the area, as well as passersby in Kiko Camarin, Caloocan City. The researchers proposed that their business will be a hit in the market. The business proposed different kinds of Filipino foods from famous local places as customers approved through the survey conducted. Quantitative research was used here to collect and analyze the data obtained from different respondents. The results of this study showed that the products are budget-friendly and convenient to eat. The results of this feasibility study showed how the respondents understood the proposed business. The researchers are confident that the product is convenient and delicious at the same time. It can attract local consumers to buy the product. The business is feasible and viable in the market. The researcher's marketing strategy is simple but will attract a wide range of customers. The financial stability is acquired based on the projected and budget to ensure the effectiveness of the product.

Keywords: rice toppings, Filipino dishes, kiko camarin, Caloocan city

Feasibility Study on Establishment of Cal' Keeping Agent in Sangandaan, Quirino Highway, Novaliches, Quezon City

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Abstract

Cal' keeping agents is an on-call housekeeping service. Housekeeping refers to the management of duties and chores involved in the running of a household, such as cleaning, cooking, home maintenance, shopping, laundry, and bill payment. These tasks may be performed by members of the household or by other persons that are hired for this purpose. The researchers interviewed other establishments to observe how the business operates and becomes successful. Related studies on Cal' Keeping Agent had been conducted along with the industry review. The proponents also surveyed 50 respondents where the proposed business will be established. A total of 40% of the respondents may call the company twice a month, 35% of the respondents responded once a month, 15% of the respondents replied once a week, and 10% of the respondents answered yearly. For the hour allocation in cleaning the house, 31% of the respondents answered that the average hours on cleaning per month for 11–15 h, 28% of the respondents replied 5–10 h, 17% of the respondents responded for 16–20 h, 14% of the respondents responded for less than 5 h, and 10% of the respondents for more than 21 h. The majority of the respondents' expectation for finishing a cleaning session would be 3 h, while the least hour would be 5 h. Meanwhile, 45% of the respondents wanted to use a one-time cleaning session, 30% of the respondents said they wanted to use a deep cleaning session, and 25% of the respondents preferred to use a standard cleaning service. For price preference, 40% of the respondents can afford P800 for cleaning service, 35% of the respondents were willing to pay P1,000, and 25% of the respondents were willing to pay P500. In terms of location viability, 65% of the respondents agreed that the business location in Sangandaan, Quirino Highway, Quezon City was appropriate. The most important factor for the respondents in choosing a cleaning company was the quality of service. Price was only a secondary factor for the respondents. The respondents called a cleaning service once a month, while only 36% of the respondents needed service twice a week. The business will start at 8:00 am and close at 9:00 pm. In terms of the financial aspect, the business revenue was forecasted to have a 10% increase annually. There will be a growth in terms of expenses year on year. The changes in owners' equity with a starting capital of P200,000 per partner will be added with the net income (P403,803.4), and the ending capital of the business will be the new capital for the second year of the business operation. The return on investment was expected to achieve its first-year operation by 32.35% and will follow by the next ROI per year.

Keywords: bed making, capital, feasibility, general partnership, housekeeping, industry review, owners' equity, return on investment

Assessment on Viability of Ampalaya as Alternative Ingredients in Making Empanada Crust

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Abstract

Food is very important to everyone, especially for growing children. Nutrition is the process by which you take in and assimilate the right amount of nutrients to keep you healthy and strong. With proper nutrition, you will have protein and carbohydrates that you need to fuel your active lifestyle. Empanada with the ampalaya mixture is a type of pastry food made of blend ampalaya combined with pork. It can decrease cardiovascular risk and also has dietary fiber. It helps metabolize homocysteine, which is an amino acid that can accumulate toxic levels. It is acceptable to the students because the taste is good, and it has a crunchy crust. The methods used by the researchers were the experimental method, survey questionnaire method, and a simple random sampling technique. The investigation was conducted in Bestlink College of the Philippines in December 2019. The questionnaire served as the instrument for collecting the data. The respondents included 50 students and 10 teachers. The results showed that 57.4% of the students and 62.6% of the teachers agreed that our product is delicious in terms of taste. Meanwhile, in terms of the aroma of our product, 56.4% of the students and all teachers agreed about the acceptability of the product. In terms of nutritional value, 72.4% of the students strongly agreed that our product is rich in vitamins, while 94% of the teachers very strongly agreed. In terms of competitiveness, 73.4% of students and 89% of teachers strongly agreed that our product can compete in the market. Lastly, in terms of presentation, 65.6% of the students and 66.8% of the teachers agreed that our product has a pleasing appearance. The difference between the assessments of students and teachers was significant. In conclusion, the product is marketable because it is budget-friendly mostly to students. Some of the respondents said that our product was good and smelled great; the aroma almost influences its taste. The respondents said that we need to improve the taste slightly. Some of the respondents said that it has an after taste, and few said that ampalaya did not mix well with pork.

Keywords: ampalaya, empanada

Assessment on Level of Acceptability of Banagano Juice in Bestlink College of the Philippines

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Abstract

Many people like sweet drinks, such as milk tea, coke, soya drinks, juice, etc. Hence, we started a business that offers products that people can easily recognize and can fulfill their cravings. The study focused on the assessment of the level of Grade 12 students and teachers from the Home Economics (HE) Strand. Using a descriptive research design, we assessed the level of acceptability of banagano juice. Five variables were assessed in terms of taste, aroma, nutritional value, presentation, and competitiveness. The data were collected by distributing questionnaires to randomly selected respondents from experts and students in the HE Strand in Bestlink College of the Philippines. The results of the study showed the assessment of the level of acceptability of banagano juice in terms of the aforementioned variables. The results of defending the variables that will depend on the assessment of the level of acceptability of banagano juice. In general, the product gives a different perspective from the commonly known way of using the main ingredients banana and oregano turned into healthy drinks. The product needs to continuously seek improvement to maintain good quality and become fully developed to compete with other existing products and have high marketability.

Keywords: banagano juice

INFORMATION SYSTEMS

Guidance: Student Information, Counseling, Evaluation, Good Moral, and Report

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Abstract

The guidance system is developed to record complaints and problems of students in the guidance office. This system will keep track of the record of a certain student and also consists of all personal data about the student, such as name, student number, address, course, etc. This system also allows the admin to register students who violate school policies and is accessible to the admin. The system also displays the five submodules of the system, namely, Student Information, Counseling, Evaluation, Good Moral, and Report. Agile is a process by which a team can manage a project by breaking it up into several stages and involving constant collaboration with stakeholders and continuous improvement and iteration at every stage. The agile methodology begins with clients describing how the end product will be used and what problem it will solve, which clarifies the customer's expectations to the project team. Once the work begins, the teams cycle through a process of planning, executing, and evaluating, which may change the final deliverable to fit the customer's needs better. After developing a guidance system that focuses on five different submodules, the end product is now for deployment. The features are easy to understand and user-friendly. The guidance system consists of five submodules, that is, Student Information (allows the admin to add, view, and update a particular student that has a violation, as well as displays the record of the student who has a violation and the students enrolled in BCP Bulacan), Counseling (allows the admin to add students that should undergo counseling), Evaluation (allows the admin to monitor the professor's stand in a classroom), Good Moral (contains the record/history of the student that already received a copy of Good Moral), and Report (used to create and send reports to other departments).

Keywords: guidance

Administrative: Monitoring, Requesting Portal, and Approved Request/Reports

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Abstract

Bill Gates once said, "There is no such thing as perfect software, for there is always room for improvement." In the modern age where technology runs almost the entire daily work basis, one's job is never to stop finding flaws in the system. The researchers rely on software to do the job accurately and reliably. Even the school facilities, some workers had, if not once, but often problems regarding technical difficulties and system failures. And the project study, as a research title suggests, the researchers created a system that can manage data relative to administrative management, a real-time integrated system that can input, process, and make an output following with the business processes recommended by the people that the proponents interviewed and with some guidance of researches they have conducted themselves. The proponent used agile methodology for it is the most relevant, effective, and efficient method that the proponent can use to complete the research or project. The idea is to increase productivity and deliver a significant value early in the process, making it easier to minimize risks related to development. The proponents successfully conducted the project and with the outputs given, conclusions have been made. It is concluded that the administrative management system is delicate if not hard to apply in systematic procedures. System generated data are sometimes unreliable because of some factors related to inputs and processes. But in the long run, there will be simpler procedures that will be discovered and might be helpful in the modern age digital processes. Administrative procedures are a set or system of rules that govern the procedures for managing an organization. These procedures are meant to establish efficiency, consistency, responsibility, and accountability. The project shows the following issues that the proponents and the advisers find compromising but also can be fixed in a given time. 1) The administrative system must have a printing function for the reports that may be needed by the admin. 2) The system must be connected to each department to generate reports/requests. 3.) The design is extremely dark for some people and needs to be changed with a slightly light theme. Some minor errors are also observed, but the project is a success all in all. However, this system still has room for improvement.

Keywords: admin

Enrollment System in Bagong Silang High School

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Abstract

The enrollment system was created to speed up the processing of each student's data due to a large number of students in Bagong Silang High School. Thus, we proposed a system that will speed up and prevent the loss of another document and facilitate easy retrieval of student records. The enrollment system was designed to carry out the proficiency involved in student registration to address the slow process due to the lack of a software system. The software system was extremely helpful in student encoding; it can manipulate student encoding in an easy and clear process of the software system. The enrollment system was a success because the system that was used to encode each student's data worked well. This system aimed to speed up the process of working with enrolling students to save time when using our system. The negative aspect of our system was to pass on our client's system because they use a laptop. Thus, only a few people can use our system. The result showed that the system should be improved it is focused on the admin side and not on the student's side. The proposed system is friendly, extremely useful, and safe. It can also help the school administration.

Keywords: kaya natin to

Proposed Automated Point of Sale System for Gregorio Grills

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Abstract

Gregorio Grills at Muñoz Avenue Quezon City is a stall owned by Mrs. Jocelyn Cabbat and her son Mr. Gregorio Cabbat. Their stall offers delicious meals and flavorful milk tea with a yummy snack for the afternoon. This stall was established on September 1, 2019. The objective of the stall was to provide affordable and delicious foods to all people. The researchers offered the owners a "point of sale system," wherein the merchant calculates the amount to be paid by the customer, indicates the amount, and indicates the options for the customer to make payment. The automated point-of-sale system will also help Gregorio Grills secure all the records and give printed and accurate receipts to the customers. The objective of the developer of the point-of-sale system was to improve and enhance the researchers' skills and experience as ICT students by designing the system that will help Gregorio Grills to increase the speed of the transaction of their business. The proponents utilized the systems development life cycle in developing the system. The point of sale system flows in seven processes. The first phase was planning. The researchers planned and decided to develop a point-of-sale system. The researchers interviewed the client, and survey questionnaires were also administered to determine the present situation of the stall processes in their transaction with their customers. The researchers designed a system that can be easily understood by the user. The next phase was the implementation of the proposed system. The researchers ensured that the system will properly work and assure the client that the developed point of sale system will be of great use to the client, with the ease of transaction as a concern. The researchers developed the following deliverables. (1) Login form is for the administrators of the company to secure all the finances and the data collected POS. (2) Registration form is for the user who wants to create an account in the POS. (3) The main form is where all the computation of the transactions and printing of payments is collected. The automated point of sale system was designed to compute the purchased items easily and making receipts needed by the customer and lessening time in queue. This system only focused on the computation of the bill of orders. Upgrading and innovating are the key factors for the most efficient and convenient system.

Keywords: point of sale system for Gregorio grills

Proposed Automated Inventory Management System in Kosher Chemicals

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Jeffrey Estrada
Gian Kyle Real Isangga
Czarina Jugo
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Abstract

The proponents proposed an inventory management system that helps Kosher Chemicals to improve their business and trading industry compared with a manual process, which is extremely time-consuming. Kosher Chemicals is a trading company that is located at Brgy. Mapulang Lupa Valenzuela City, and the one who handles the company is Ms. Mari-Len GO since 2014. However, the owner is her sister Mari-Lou Go. The company was founded in 2012 at Brgy. Marulas, Valenzuela City. The company can easily monitor its stocked products and reduce the manpower needed to facilitate the inventory process. The systems development life cycle was used. The researchers planned the entire process of conducting research. The researchers sought clients and conducted a survey. The researchers also analyzed how the system will process and the data that are gathered from the client. The researchers created a system design for the proposed system and add codes for functionality. The researchers tested the system by checking its functionality, flexibility, and security. They implemented the proposed system and deploy it to a client's computer. Lastly, the researchers will maintain the system in its good condition by resolving bugs and errors that the client encounters. The researchers developed the following deliverables: (1) account form, (the login and registration form that gathers data from the user), (2) dashboard (the form of system that is connected to other forms), (3) items form (contains all data about the items), (4) stocks form (contains the current stock of items), (5) users form (contains the information of the users that have been registered and the time that they log in to the system), (6) transaction form (includes information about the transaction of the company to its suppliers and customers), (7) delivery form (includes all data about their delivery), (8) reports form (contains the history of transactions, stocks, and items that have been voided), and (9) settings form (contains the modifications settings for the system). The inventory management system will create an easier and convenient way to help businessmen or the owners of the company to improve their business and help them monitor their stocked products carefully. The system also assists the owners to easily search all information needed in a short time and keep an accurate record of the stockroom supplies. This system will be upgrading and innovating for the most efficient and convenient system.

Keywords: inventory management system for kosher chemicals

Proposed Student Information System for Academia De Le Carre Inc.

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Abstract

Student information system (SIS) is a software for education that manages students and keeps all the data of a student. The proponents proposed a system to Academia De Le Carre that has a current problem in terms of keeping the all-student data in a secure and organized file. The proposed system has a huge help to the admin, academic personnel, students, and parents in updating, retrieving, and generating the student's data. The system can also effectively acquire, store, and retrieve the information of a student. The proponents used the systems development life cycle. First, they planned to know the process and the problem. The proponents created a questionnaire and interviewed the client to have an effective and efficient system. Second, analysis was conducted when the developer gathered the information to know the process and discuss the client system. The proponents started to analyze how the system will work according to the client's requirements. Third, the developer created the functions of a system according to their chosen client. The developer will make a progress to the system step by step. Fourth, testing and implementation ensure that the developer will test the client's system first if the system has a problem and need to construct from a time. After testing the system, the developer will discuss and conduct a seminar with the client or user to know how to use the system properly. Lastly, in terms of maintenance, there will be an agreement between the client and developer, which involves making changes and upgrading the stated system. The researchers developed the following deliverable: (1) Log-in Form, (2) Create Account, (3) Main menu, (5) Search Student, (6) Admin Form, (7) Manage Account, (8) Reports Builder, and (9) Drop List Form. All these deliverables can help the establishment in properly managing the student data, thereby resulting in categorized, organized, and secured information. In this project, the system focusing on keeping the information of a student in a secure way, organized, and have a soft copy of the information. The system can store and save student data. The system can also easy to locate the information needed by the student and provide a hard copy for the student. This SIS can insert and update the student information and solve the problem, thereby giving satisfaction to the client.

Keywords: student information system

Student Information System for King Edison Kindergarten School, Inc.

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Abstract

The researchers proposed a system entitled Student Information System for King Edison Kindergarten School, Inc. It is located at Phase 7C Package 7, Block 48, Lot 10 Bagong Silang Caloocan City. Having an information system is important because it keeps the data up to date, reduces the risk of errors, and secures the stored data as a result of having accurate data. An information system is responsible for collecting, storing, processing, and distributing information. It also focuses on inserting, updating, and displaying the information. The client comes up with the problem of no data integration, difficulty in monitoring the students' information, and low security. The goal of this research was to develop a student information system that will solve the client's problems. The researchers used the systems development life cycle (SDLC) to fulfill the project. SDLC consists of seven phases. In the planning stage, the researchers used the SMART approach appropriately. In the analysis phase, the researchers studied the process of manipulating the information. In the design phase, the researchers used the Entity Relationship Diagram, flowchart, and use case analysis. In the development stage, the researchers started to develop the deliverables. In the testing stage, the researchers made trials and errors to ensure that the system is fully functional. In the implementation stage, the researchers oriented the client on how to operate the system. Maintenance is the last phase wherein the researchers updated the system to be more functional. The researchers developed the following deliverables: RDBMS (helps data integration); security features including login form (the gateway for the administrator to the system and secures data from unauthorized access) and change password (allows the administrator to change his or her password and allows three attempts; if this attempt has been reached, then the system will freeze), register features (allows the administrator to add a new account if needed), and monitoring requirement features (identifies the students that passed and not yet passed school requirements and the main form where the administrator can add, search, update, and print the information). The search engine allows the administrator to search entities. The student information system is an integrated set of components for processing the information. The data are organized and stored in the database to make it more accurate and secure. The system can easily add the student information, update, search, and print the report when needed.

Keywords: SIS, student information, database, data integration, SQL, security, accurate data

Proposed Reservation Management System for Daisy Salon

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Abstract

A reservation system is an application for assistance. Given that the parlor is following a manual process, we offer them our help. A computerized manage reservation system can replace a "paperless" transaction. This system can be used for the customers to reserve, thereby making the employee's work easier. The first subsystem of our system is the login form, which is for employees only. The second subsystem information form, which is for the customer before they reserve this form gathers information from the customer. The third subsystem is the mainframe. After gathering information, the customer chooses what schedule they want and service to do to them. The fourth is to manage the reservation form in this form. The researcher manages all customer reserves on that day. The proponents used the systems development life cycle. The first stage was planning; the researcher finds a client to propose a system. The second stage is analysis; the developer analyzes information and converts information into a program. The third stage was designing a flow chart, creating a database schema, and creating a GUI. The fourth stage was development; the programmer created the functionality of every object in the system by using the given process of the client. The fifth stage was testing; the programmer tests the program and finds errors inside the program in the way of debugging and fixing the error in the system. The sixth stage is implementation; the researcher gives the system to the client and the system manual and orients them on how to use the system. The last stage was maintenance, that is, maintaining the system by gathering the feedback of the client. What must change inside the program made the system useful. The researchers developed the following deliverables: (1) Login form, which is for the administrators of the salon to protect confidential information; (2) client information form, which gathers the information that should be reserved; (3) reservation form, which in this part the booked customer the gather time and day where the client to go in the salon; and (4) management reservation form, the place can you see all records of the customer reservation. The computerized management reservation system can reserve a customer in the daisy salon easier than through a manual process. This system gathers the information of the customer and the schedule in the salon and lessens hassle for a returning customer in the salon. This system lessens the work of employees and prevents consuming a long time.

Keywords: management, reservation system

Proposed Grading System at Academia Dele Carre Inc.

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Abstract

This paper presents a grading system that was developed to collect the information of the students' records in Academia De Le Carre Inc. The grading system is designed to provide incentives for achievement and assist in identifying problem areas of students. Students can interactively use program assignments. The Grade is automatically recorded. This paper also considers the security problem with an automatic grading system. In considering the specifications of systems used to award grades for student achievement, the researchers planned a strategic way for the benefits of Academia De Le Carre Inc. First, they gathered the information and interviewed Ma'am Cherry Rose C. Maza at Academia De Le Carre. The researchers gathered information by using a questionnaire and analyzed what will be the output of documentations and the system. After all the planning and analysis were done, the system design will take place. The researcher will make sure the overall design and user interface (UI) as prescribed by the end-user are met. The primary purpose of testing is to detect software failure to discover and correct defects. A grading system is developed to compute the grades of the student. Programming language is used to develop the interface During this phase, the system will be installed in the Academia Dele Carre. During the maintenance phase, errors or defects, which would require repairs, may exist. The researchers develop the following deliverables to create a grading system: (1) login page, which is only for the user of the school to secure all the data collected in the grading system; (2) registration page, which is for the students who want to register in the login form; (3) record page, which contains the database of the students (only the teacher can see all records and edit the grades); (4) the only administrator can see the record of the user. The existing grading system is more different than a computerized grading system. The existing grading system is time-consuming, while a computerized grading system will create an easier and convenient way of computing the grades of the students by recording all the information and grades. The computerized system only focuses on the average grades of the students. This system will allow searching for all the grades needed at a time easily.

Keywords: grading system

Proposed Asset Monitoring System at JMAC Refrigerator and Airconditioning Services in Camarin, Caloocan City

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Abstract

The asset monitoring system is any process that a company or organization uses to keep track of the equipment and inventory vital to the day-to-day operation of their businesses. However, how these assets are managed is highly variable. The JMAC Refrigerator and Air-Conditioning Services were created in 2014 and still exists until now, and the name of the owner of the company is Chiong. The company is located at Camarin, Caloocan City. The system that the researchers created was an asset monitoring system. This system is used to help the company easily monitor assets and stock products. The proponents used the systems development life cycle in developing the system. As the proponent's approach and methodology, the asset monitoring system flows in seven processes. After deciding which system, the researchers analyzed how it will process. The researchers sought a client; they created plans and timelines for the proposed system. The researchers surveyed the target client and collected all the data needed by the system project. After planning for the system, the researchers proceeded in creating a system. They also started to apply codes for functionality. The researchers developed the following deliverables: (1) login form, which is only for the administrators or users of the company to secure all the data collected in the inventory system; (2) registration form, which is for the administrators or users who monitor the stocks in the JMAC Company; (3) home frame, which is the main form of the stocks (contains the customer's list, product list, the history of orders, and the checkout tab and also connected to the other forms such as add product, update product, delete a product, add supplier, update supplier, and delete supplier forms); (4) update product form, which is used to edit and automatically update the products entered by the user or admin and if they want to change the description or price; and (5) delete product form. The asset monitoring system will create an easier and convenient way to help businessmen or owners of the company to improve their business. The primary purpose of an asset monitoring system is to keep an accurate record of stock supplies. This system also helps how they can monitor their stocked products and assist them to easily search all the information, products, prices needed, and all the sections in a short time.

Keywords: asset monitoring system at JMAC refrigerator and air-conditioning services

Logistic: Asset, Inventory, and Warehouse Management

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Abstract

This study focuses on logistics, which is generally the detailed organization and implementation of a complex operation. In a general business sense, logistics is the management of the flow of things between the point of origin and the point of consumption to meet the requirements of customers or corporations. The resources managed in logistics may include tangible goods such as materials, equipment, and supplies, as well as food and other consumable items. Logistics provides successful development and implementation of all project procedures, supplies base efficiently and effectively, monitors the warehouse to avoid damage, and monitor assets weekly to avoid defection. Agile Scrum Methodology is the easiest and simplest way to make the project convenient to used. This module has complete content. It is composed of project background, project charter, product backlog, sprint backlog, user manual, recommendation and conclusion, and appendices. It discusses the module problem, solution, and output in the system. The logistics system manages the security; thus, we must log in first by entering the username and password to access the system. The system will be managed by requesting and monitoring each module and noticed the approval and pending security and recording all the items of stock that are in/out. The system will work it and implement it in the system. The system output organizes the flow and functions of every module. Logistics has all the processes of each system. All information must be recorded, and the details should be organized. Every submodule has a particular process to access it.

Keywords: logistic, asset, warehouse, inventory

Proposed Payroll Management System for KPCG Computer Trading

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Abstract

Coping with the world's advancement, technology began to shape and affect our everyday life. Most businesses use computers to lessen the time need to do work and make things done easier without requiring more effort. KPCG Computer Trading is a computer shop that provides and sells good quality computers. Payroll includes computation, and KPCG uses a manual system for all that needs to be computed. Hence, KPCG Computer Trading encounters problems such as error and miscalculations in computations of salary and misclassification of employees. The KPCG payroll system in old tradition or manual process calls for innovation and changes to address the problems stated above. By analyzing and examining this problem, the proponents decided to make a payroll system that will address the problems and offer solutions. In this research project, a waterfall model was used. It consists of the following seven phases. In the planning phase, we brainstormed ideas about our project system and our target client. In the analysis stage, we planned and gathered information about how the system works, how will we design the system, and develop a plan that we execute. In the system design stage, we started making and designing the GUI of the system and database tables and links the system to it. In the implementation stage, we conducted the dry run of the system. In the testing stage, we run the program, tested its functionalities, and noted possible errors. In the deployment stage, we turned over the system to the client. In the maintenance stage, we maintained the system's condition. The proponents developed the following deliverables: (1) login form, which is used to collect the information of the user; (2) dashboard or main form, which helps the user to manage directions to the system features for navigation and easy access; (3) attendance, which is where the user can view the employee's attendance; and (4) modify payslip, which includes computation and deductions of salaries and the printing of the payslip. The computerized payroll management system creates an efficient and convenient way to manage the employee's salaries. The system will lessen the errors that have been encountered by the users and create an effective way to manage miscalculations, handle payroll records, create a faster way to receive a salary, and make sure that it is correct, free of error, and on time. Upgrading and innovating are the key factors for the most efficient and convenient system.

Keywords: KPCG, payroll system, payroll management

Proposed Computerized Reservation System for Villa Prescilla Resort

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Abstract

A computerized reservation system is a kind of software that helps the admins to organize the schedule and cost of any product/service (e.g., options packages) and update the reservation of the customer quickly instead of the manual system they use. The proposed system will help Mr. Reniel A. Velasquez to easily find or reserve. The real essence of our proposal is the computerized reservation system to lessen the hassle of our client. The systems development life cycle was used, which has the following seven processes. In the system planning stage, we sought a client and what kind of system he/she needs in their resort. In the requirement analysis stage, we gathered information through a survey to modify the action that we need. Then, we designed after we gathered information from our client by using various system design tools, such as a flow chart. In the development stage, we started to develop the system and make the features happen. We also tested the system to know if there is an error; if there are errors, then they can be fixed immediately. After testing, we implemented our proposed system. We maintained its good condition and prepared it for our client. We developed the following deliverables: add customer's information, which is where the client inputted all the needed information of the customer; create reservation form, which is where the client creates a reservation for the customer; printing receipt, which is where the client prints the total fees needed to be paid by the customer and the date of their reservation; view form, which is where the client can view all the recorded information (e.g., customer information and reservation) and update the information, print the specific table, and add a shortcut to create the customer information and reservation from the menu; and search engine, which can be used to search the data in the table easily. The researchers proposed to make a system for Villa Prescilla Resort to help them for monitoring the reservation for services. Researchers analyzed the problem of the client and decided to help them by making a system to ease their problem. By the design of the system, the client decides what they want to see and get to the system. By implementing this system, they can easily update and delete the information. It can also easily handle the customer's inquiries. It monitors the schedule of the reservation of the resort.

Keywords: reservation system, Villa Prescilla resort

Inventory System for Zonan Construction Supply

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Abstract

The inventory system for Zonan Construction Supply specializes in monitoring and recording data. It contains detailed information about the stocks and location. Its purpose is to keep an accurate report for all information needed. Having an inventory system will make the business more accurate and efficient for the owner of the business. The problem of the client was noticing the disappearance of product, insecurity of data, unsecured data (can be easily accessed in a logbook), and difficulty in creating a report (it is time-consuming). The goal of this research was to make an inventory system and ease the work of the researcher's client. The researcher used the systems development life cycle. In the planning stage, we gathered all the information needed for the project by using the SMART approach. In the analysis stage, we analyzed the business process of the client. In the design stage, we used various system design tools, such as flow chart, ERD, and use case. In the development stage, we started making all the deliverables through coding. In the testing stage, we tested the process of the system and ensured that the system is fully functional. In the implementation stage, we handed the system to the client through the installation of hardware and software. In the maintenance stage, we maintained the system and made changes to the system by updating it if necessary. The researchers developed the following deliverables: security features (has login form). The admin will enter its specific account, and the system allows up to three attempts; if the admin has reached three wrong attempts, then the system will be terminated. The system also has a forgot password option, where the user can modify the password that is forgotten. In the registration form, only the admin can add a user or another admin for the system. The main form has five modules. The home module contains the account setting, where the admin can monitor, add, or modify an account. Help and contact us are only to remind the controls of the system. Product, supplier, order, delivery, and return modules have the same functions. In monitoring, adding information about one's entities, updating, searching, and printing. The inventory system focuses on monitoring and recording the data of the business, and it exports a report. It lessens the time needed for searching for information about the product. This system notifies the admin of having an outage of some products. The system cannot be easily breached by people who are not authorized to use it. The system can easily add and update information about the product and for a recommendation. Innovating a system is the key factor for a convenient and efficient business process.

Keywords: inventory system, Zonan Construction supply

Academic Office

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Abstract

The project focused on the Academic Office of Bestlink College of the Philippines-Bulacan Inc. Academic offices are responsible for the maintenance and supervision of institutions. The academic office consists of different modules such as scheduling, loading, observation, monitoring, and immersion. The researchers found out that the school is still using a manual process. The proponents developed an automated system to ease the daily workload inside the academic office. The project team used Agile methodology for this project because of its fast output making. Agile is a methodology for software development that involves the collaborative effort of self-organizing cross-functional teams and their customers. This project started with researching, interviewing, and collecting ideas from the client of the project. Then, the researchers conducted a meeting and made a plan on how to start the project. The scrum master assigned a task for each member for the project plan to be done on the target date that the scrum master has given to the development team. The team made a design and developed the system based on the design process and information gathered from the client and kept in touch with their adviser for advice in creating user stories and do the given task. Afterward, the team ran and tested the system, and it ran successfully. The final step of the project was released. As a result, this project became useful for the academic office. Building lessened the heavy workloads of the dean. Scheduling of classes is now easy because of this new system. It can avoid the redundant recording of schedules that is often the problem of the academic department. Loading can now easily be assigned to teachers based on their available regular load, overload, and mastery of subjects. The observation result of the teachers that are evaluated by the dean can now be saved in the database. With this system, the observation record of a specific teacher can now be easily accessed by searching for it in the system. They can also avoid unexpected damages on paper because the information is now saved in the database. The results of the daily monitoring of teachers can be also saved in the database. The proponents concluded that the system for the academic office is useful in terms of scheduling, monitoring, observation, and generating a report. Project teams recommended having an automated system in the future for fast and easy use of the system and to lessen other manual work.

Keywords: academic office

Library Management System for Quezon City Public Library

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Abstract

Technology is a body of knowledge that is devoted to creating tools, processing actions, and extracting materials. Researchers apply technology in almost everything in our daily lives. In particular, in work, technology helps us to make their work easy and fast. Many businesses are computerized and run by technologies. The researchers saw that the manual library system is slow in transacting books. They can lose the all data in their manual record. Thus, the researcher decided to computerized the library system for easy transactions and to avoid losing all data in the system. This system makes the librarian works faster than usual because the librarian will know if it is there is a book or they do not have the book that a person wants to borrow. The librarian will know if there is a book that will return for this day because the librarian will see at the system if there is a student that borrows a book and when the book will be returned. The project manager discussed the topic to members and gave a task to each member to make this project successful. The researchers, especially the lead programmer, made a design of the whole system to have a security system for the client to secure their information. The design of the system depended on the client's suggestion. The system is also user-friendly because this is easy to understand. The researchers prepared the needed equipment and interviewed the librarian on how they manage manual management and keep the computerized library system safe. The developed software was tested for potential errors and bugs, and the system was put into service. Maintenance also involved fixing errors and the system. The researchers successfully developed the computerized library system, which may be useful in the library with a secure, accessible, accurate, and user-friendly system. The manual library system of Quezon City Public Library was directly replaced with a computerized library system. The researchers conducted a survey and interviewed to gather data to determine what are the problems that should be solved and the things that should be improved or fixed. The researchers observed that the manual library system of Quezon City Public Library has many problems. The researcher decided to give the user-friendly computerized system to Quezon City Public Library.

Keywords: library management system for Quezon City public library, Quezon City Public Library

Automated Library Management System for Llano High School

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Abstract

The researchers proposed a system entitled automated library management system for Llano High School to manage and monitor the books in the library. The library management system is designed to help the admin maintain and organize the library. Using this system, the librarian can easily monitor the borrowed/returned books. Unauthorized people cannot easily access the system. The researchers used the systems development life cycle process to complete this project. In the planning stage, the researchers planned to make a system for Llano High School. In the analysis stage, the researchers analyzed the idea and data that the client gave us. In the design stage, the researchers designed the system using ERD, flowchart, and use case. In the development stage, the researchers built the system by using coding. In the testing stage, the researchers tested the system after developing it before they gave it to their client. In the implementation stage, the researchers made a printed user manual and will set a one-on-one seminar to instruct the user. In the maintenance stage, the researchers updated the system if necessary. The researchers developed the following deliverables: registration form, to create a new account for the new admin; login form, they must enter the account to enter to the system. This system has a maximum login attempt for the security of the system; after three attempts, the system will not let anyone type or click any button in the system. In student and book management, the user can add, delete, edit, and update book records. They can also create backups for emergency purposes. Restore backup is for the admin to retrieve the backed-up data easily. The search engine allows the admin to search quickly and easily. They can print a report to inform the teachers which students have not to return the book they borrowed yet. All reports will contain information such as book titles and several borrowed books. The proposed system is an automated library management system. Through the researchers' system, the admin can add members, add books, search books, and update information if some students borrowed or returned the books easily. Having a library management system in a library will make the flow more efficient. However, the client has no Wi-Fi connection; hence, they cannot monitor the borrowed/returned books well.

Keywords: library management system, Llano High School

Warehouse and Audit Management

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Abstract

Warehousing is the activity of holding goods or over some time. Goods are often referred to as inventory or stock. Goods are being held when there is a difference between the time, place, quantity, or value of the goods being created and consumed. Audit management is used to check reports or evaluate evidence that determines if the information systems are safeguarding the assets, maintaining data integrity, and operating effectively to achieve the organization's goals or objectives. This study focused on warehouse and audit management for the Skyline Hotel and Restaurant system. This project gave people a boost, and they learned and reduced the manual system they used today. The scrum team used the agile development model because it is iterative and incremental software development with engineering processes, models, and documentation are produced at each phase. The first stage was brainstorming, which is an analytical technique by which efforts are made to find a solution for a specific problem by gathering a list of ideas spontaneously contributed by its members. The second stage was design; in this stage, a plan or convention was created for the construction of an object, system, or measurable human interaction such as business process, circuit diagram, and serving patterns. The third stage was development, which is a systematic use of scientific and technical knowledge to meet specific requirements. The fourth stage was quality assurance, which is a way of preventing mistakes and defects in manufactured products and avoiding problems when delivering solutions or services to the customers. The last stage was deployment, which is the methodical procedure of introducing an activity, price, program, or system to all applicable areas of an organization. The scrum team created a dashboard of the system that provides the summary of the transaction of the proposed system. This will help to easily navigate and understand the system. The scrum team provided a feature that will handle the inventory count of the warehouse, which is a crucial part of a warehouse system. The scrum team also added a monthly audit report to know how items are audited every month. The scrum team was the one responsible for maintaining and enhancing the system to improve performance and give good service to its users. The scrum team researched and conducted an interview to provide a better understanding and knowledge about the proposed system.

Keywords: iterative, incremental, spontaneously, dashboard

Faculty Scheduling System for Villagers Montessori College

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Abstract

At present, computerized system is spreading in our society, and computerize system help us to finish our work fast and be more productive. It also helps in our daily lives. Hence, the researchers proposed a system to resolve the problems of Villagers Montessori College, which is located at 18 Dalsol Street, Barangay Sangandaan, 1106, Quezon City. Villagers Montessori College has 37 teachers, that is, 15 senior high school teachers and 22 college teachers, with 2 teachers working part-time, and 35 teachers working full-time. Villagers Montessori College has 27 sections and 27 rooms and uses a Microsoft Excel sheet for the schedule of the employee. First, the management plans it on paper, and they check the availability of the teacher at that time; if the teacher is available, then they make the schedules one by one. The researchers used the systems development life cycle (SDLC) Water Fall model; it is a framework that defines tasks performed at each step in the software development process. SDLC is structured followed by a development theme within a software. The researchers used SDLC as a methodology because the SDLC model had a process to make the system step by step and have the guidelines in making the system. The researchers observed and interviewed to gather data and analyze the problems. Villagers Montessori College is having a problem with making schedules when using Microsoft Excel because they plotting it manually and uses trial-and-error. Thus, the researchers proposed a scheduling system to help the school administrator, school, and teachers to easily create and update schedules by the school admin. The scheduling system can add and update schedules, employee information, sections, accounts, as well as print the schedules of the teachers easily. It can also print the list of subjects and the login history when the user uses it. It can search also for information easily. The researchers' scheduling system has a considerable advancement compared with the old system because it has a considerable impact when creating the schedule of the teachers. The researchers discussed the objectives and deliverables to the problem encounter in the old system. The user and the researchers discussed the advantage of the proposed system to the old system.

Keywords: computerized system, scheduling system

Enrollment System for Divine Trinity Learning Academy

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Abstract

One of the ripple effects of the stiff competition for education institutes is the growing necessity for schools to enhance their mechanism for better serving. This is where enrollment systems come into play, accelerating student enrolment. The researchers chose this study because they experience the long process of the manual system. Divine Trinity Learning Academy is a good candidate for the project because of the lack of a computer system within the school. The researchers come up with the solution to solve the problem within the Computerized Enrollment System. The systems development life cycle is a concept model that is used in project management; it consists of seven stages planning, analysis, design, development, testing, implementation, and maintenance. An interview is one of the main methods of data gathering that the researchers used to determine some problems that the clients encounter during the enrollment and provide possible solutions. The researchers ensured that the design of the system is suitable and easy to recognize, thereby ensuring that the system is functioning as expected and that the user will have proper training and maintenance. After implementing the proposed system, the researcher observed a significant result to the following problems: producing many papers, scheduling, lack of security, and printing of school documents. The solution that the researchers came up with in the first problem is to create a computerized registration form to lessen the used paper that resulted in the minimum number of papers use within the enrollment. For the second problem, the researchers provided a scheduling system that will be the fastest way of creating student's schedules, thereby resulting in the fast creation of schedules. For the third problem, the researchers provided a backup file to have a better way of compiling data with the help of a database and a login form, thereby enhancing information security where the client has a backup file to prevent data loss or corruption. For the fourth problem, the researcher provided a printing system that resulted in the fastest and easy way to create documents. The researcher concluded that conducting a research project is difficult. However, creating such a project helped the researcher develop their skills and character in developing a difficult project. The researchers recommended creating an online enrollment system to develop an advanced system that will help future students.

Keywords: enrollment, system, enrollment system, computer system

Teacher Profiling System for Tala High School

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Abstract

In the 21st century, new and modern technology was developed. A computer is one of the essential tools used by people; it can store data in many forms. Tala High School is still growing through the success and good management of its principal, thereby reaching higher heights to serve and welcome new students. A profiling system refers to the process of application of a user's profile generated by the computerized application to manage the information. In the proposed system, the researchers added a teacher evaluation to evaluate if the teacher achieved a good performance. The method used the systems development life cycle waterfall model, which is composed of planning, analysis, design, development, testing, implementation, and maintenance, to achieve the objectives and goals of the proposed system. Through this method, the researchers can finish or create the proposed system accurately and successfully. The researchers also gathered information through interviews to know the other information of the client. The system can perform the tasks applicable to the needs of the client's process. The results showed that the system can help the clients to improve the current process that they are using in the sorting of teachers' profiles, monitoring teacher evaluations, storage management of records, and making sure that the data are secured. The researchers' solution for the aforementioned problems was creating a database for record management and profile storage of profiles to manage them easily and effectively store them for easy sorting and retrieval. This system can add profiles, show the records, update records, add profiles, evaluate the teachers from each department, and retrieve profiles. This research can help future researchers to know what is a profiling system and what is the process of this research or study. This study can be used as a reference for further studies. In conclusion, the profiling system can help manage and improve the current process. The developed system can help the clients to evaluate their teachers easily and sort data.

Keywords: profiling, evaluation, system, systems development life cycle, Tala High School

Reservation System for Tickled Treat Party Needs

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Abstract

In this generation, technology is used as a tool to do the job easily, especially when using a computer. A reservation system is used to store and retrieve information and conduct transactions related to the different kinds of services or activities. Tickled Treat Party Needs is owned by Mrs. Carla Genove. Tickled Treat Party Needs is a company that provides a service to the customer. The company name came from the owner of the company. The owner of Tickled Treat is a good client that was chosen by the researchers. Tickled Treat has a manual reservation system; hence, the researchers can help by making a system for reservations. The researchers used the systems development life cycle as a method; it is a step-by-step process that has seven phases, that is, planning, analysis, design, development, testing, implementation, and maintenance, which can guide the researchers. The researchers also gathered data by observing every client that makes a reservation at Tickled Treat. The researchers interviewed the Tickled Treat owner to know what they want to have in their system and decide what features and design that they want for the system. Tickled Treat has different problems. The first problem is a problem in security because they are using a manual reservation. In manual reservation, they may lose a record or misplace important documents. Thus, the researchers conduct systems that secure every data that they input into the system. The system has a login system to secure the system and cannot access by other people. The second problem is data redundancy because the owner is confused about every client's data. Occasionally, they get wrong to give a service to every client. Thus, the researchers created a system to avoid the wrong service to their customers. The third problem is difficulty in checking files because they have a manual reservation system and every information is posted on the wall of their office. Thus, the system has a search bar. In the search bar, the owner can easily check information by searching information in the search bar. The researchers helped Tickled Treat to improve and get the fastest way of reserving clients every day. The researchers concluded that conducting a research project is not easy to do; when you are developing research, you have to take the risk of developing a system. Researchers recommended creating an online system to have an advanced system that will help future researchers.

Keywords: reservation system, SDLC, system

Computerized Payslip for Eldefonso General Merchandise

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Abstract

A computerized system is a tool used for various purposes which are computer-based programs. This study will focus on the development of a computerized payslip for the salary computation for the employee of Eldefonso General Merchandise. Eldefonso General Merchandise has 20 employees, and the owner's name is Eldefonso Magaru. The business started in 2009. Eldefonso General Merchandise is a soft drink merchandising that aims to supply and deliver soft drinks. The researchers chose Eldefonso General Merchandise as a client because it currently has no computerized system at all; therefore, they experience problems. The researchers used the systems development life cycle (SDLC) waterfall model to develop a computerized system for Eldefonso General Merchandise. SDLC Waterfall model was chosen by the researchers because it has different stages that will help the researchers organize the task. Then, the researchers also interviewed the Eldefonso General Merchandise personnel who is responsible for salary computation. The researchers also used observation to gather data from Eldefonso General Merchandise. The personnel in charge of computing the salary for Eldefonso General Merchandise staff said that he produced payslip easily. The computerized payslip reduced the time and the tasks needed for salary computation and pay record recording compared with the manual process. The computerized payslip system of Eldefonso General Merchandise was implemented well, and salary computation and the implementation of the rules and regulations for deductions due to tardiness also became accurate. The computerized payslip system proposed by the researchers secured the business process of Eldefonso General Merchandise, including pay records, employee information, income, and expenses. After the implementation, the client observed that the computerized system performed better than the manual system. In further development, computerized payslips may expand to a payroll system.

Keywords: computerized, system development, payslip, Eldefonso General Merchandise

Library System for Resurrection Catholic School

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Abstract

At present, technology is easier and more convenient. Resurrection Catholic School, which was formerly known as Pagkabuhay Parochial School, was established in 1983. Resurrection Catholic School as an educational institution was dedicated to the development of Catholic Filipino children. This school offered nursery, kindergarten, and preparatory and gradually expanded to elementary from Grade 1 to Grade 6. At present, Resurrection Catholic School has 200 students in total. However, Resurrection Catholic School uses a manual library system. Thus, the librarian has difficulty in checking if the books are available or not. Hence, the researchers created a computerized library system for Resurrection Catholic School. To create a computerized library system, the researchers used the systems development life cycle (SDLC) waterfall model. The life cycle defines a methodology for improving the quality of software and the overall development process. SDLC waterfall is a step-by-step system that has seven phases, including planning, analysis, design, development, testing, implementation, and maintenance, to guide the system successfully. SDLC waterfall is simple and user-friendly that satisfies all the needs in a library. The researchers need to gather all data and conduct an interview and observation with the client. Resurrection Catholic School has problems in using a manual system, such as lack of data security (all the information are only on paper), poor data storage (the client cannot store a large amount of data), improperly arranged books (the librarian cannot find where the books are located quickly), and difficulties in monitoring borrowed and unreturned books. Hence, the researchers created a computerized library system for Resurrection Catholic School to solve the problem of the client in the library because using a computerized library system can help the librarian and students. The librarian can add books to the database easily, and the system can easily track the availability of books. Using this system, the librarian can monitor users with overdue borrowed books and reading materials. The system also has a search bar to easily find the book the student need and determine if it is available or not. The database stores a large amount of data and prints reports. The computerized library system also has a large impact and advancement in Resurrection Catholic School because it is high-tech and can be popular mostly with the students of the school. Future researchers can improve this system by gathering ideas and improving the librarian's skills in computers and widening their knowledge of the system.

Keywords: library, system, information

Proposed Student Information System for Heuin Dol World Mission Christian Academy

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Abstract

A student information system is an integral part of this technology. This student information system handles every aspect of student data from admission, class schedules, subject enrolled by the student, overall student performance, and personal information of the student. All these elements are integrated into a single database. Accessing and tracking data of any student happen with a click of the mouse. The client has encountered many problems including slow tracking of students' information. Students' information, such as payment details of accounts, is not recorded or hard to identify. Unorganized student information files also add to the school's problems. Creating a computerized system will help the school to have a convenient and efficient system that will offer a solution to its problems. In this research, a Water Fall model, which consists of seven phases, namely, planning (where we brainstorm ideas about our project system and our target client), analysis (wherein we plan and gather information about how the system works and how will we design the system and then we develop a plan that we will execute), system design (in this phase, we start making and designing the GUI of the system, the database tables, and links the system to it), implementation (wherein we conduct the dry run of the system), testing (where we run the program and test its functionalities and note for possible errors), deployment (where we will turn over the system to the client), and maintenance (where we maintain the system). Based on the interview and data gathering, the proponents developed the following deliverables: (1) login, which is used to collect the accounts information of the user, (2) admin main page, which allows the user to access the admin features easily, and (3) student page, which allows for the easy access of students features such as searching for student information. The use of a computerized student information system will be an efficient and convenient way to manage and view students' information. The system will lessen the errors that have been encountered by the users, create an effective way to manage searching; create a faster way to search; and make sure that it is correct, free of error, and on time. Upgrading and innovating are the key factors for the most efficient and convenient system.

Keywords: CPU, ERD, GB, HDD, IDE, MB, RAM, SQL

Point-of-Sale System at Bibingkinitan

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Abstract

The system is entitled a point-of-sale at Bibingkinitan. A point-of-sale system helps a customer make payments to the merchant in exchange for goods and services. The current transactions that the company has been slow and unreliable. The company is using a manual transaction for their business. Hence, the business relies on its team's capability to correctly calculate sales transactions, which can lead to mistakes and errors. This process can also be time-consuming. With this system, the company can easily make a computerized transaction without manually listing the name of the sold products and store in the inventory records. The proponents used the systems development life cycle as the guide in developing the system. As the proponents' approach and methodology, the point of sale system flows in seven processes; after the researchers sought a client, they create plans and timelines for the proposed system. The proponents analyzed the collected data of the client's problem for the features needed for the proposed system. The proponents created and developed an automated system that solved the client's problem. The proponents conducted a seminar to those who will be possible users of the system created. The proponents checked the errors and bugs, as well as other defects, to verify whether the system operates correctly. The researchers developed the following features. The reporting feature gives an overview of the state of the sales activities within a company. This feature shows different trends happening in the sales volume over a certain time and also analyses various steps of the sales funnel and the performance of sales executives. The autocalculate feature allows the client to obtain a temporary result from a function without using a formula and calculator. The security feature prevents unauthorized intrusion into a premise, reports such attempts, and prevents unauthorized access. This feature will help the client to secure their records and have a safe and secured system. Point of sale system can improve the business transaction and process of the Bibingkinitan with their customers. With this system, the company can easily make a computerized transaction without manually listing the name of the sold products for inventory. From the manual process, this computerized system transforms the transaction into a modern way that will benefit the staff, especially the cashier, employees, customers, and the owner.

Keywords: point of sale system, bibingkinitan

Library System for Bagong Silang Elementary School

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Abstract

The library system is all about organizing and managing the library. It also involves maintaining the database of entering new books and the record of books that have been retrieved or issue with their respective dates. The main aim of this project is to provide an easy-to-handle and easy-to-use system. This project also provides a features interface for maintaining librarian records and students' history of the issue. The client can easily update, delete, and insert data in the database with this project. The researchers used the waterfall method and followed the systems development life cycle to create the system. The first stage is planning; the researchers planned on how to access the whole process of the system. The researchers gathered data by interviewing the client. The second stage is analysis; the researchers determined the problems of their client and then analyzed how to address them. The researchers created a detailed functional requirement document. The researchers also transform detailed requirements into a complete, detailed system design document that focuses on how to deliver the required functionality. In the testing stage, the researchers demonstrated that the developed system conforms to requirements as specified in the functional requirements document. In the implementation stage, the researchers implemented the system for the client. In the deployment stage, once the functional and non-functional testing was done, the system was deployed to the client. Lastly, in the maintenance stage, the researchers offered to maintain the library system in a production environment, including post-implementation and in-process review. The result of the system is possibly success or failure. If the system is successful, then the library of Bagong Silang Elementary School will have easy transactions and can operate by using an offline library system. The library system is the key to make the library function, especially to organize and manage books. It is a tool to make librarians' work easy. The use of the offline library system can manage all occurrences in the library. Book transactions, including book searching, availability of the book details, and appearance of the book, can be easily handled by the system.

Keywords: ICT

Proposed Patient Information System for Dialysis Center

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Abstract

A patient information system will help Eagle Rock Dialysis Center to manage the information of patients and categorized the medicines or equipment to use. This system will help the administration to know the background of the patient in case of an emergency. The researchers created a system for the company that is user-friendly in finding the patient's sickness. The patient information system is secure and cannot be hacked. They accept the patients they will interview and ask if they have PhilHealth membership, which is the most important requirement in the dialysis center. The goals of Eagle Rock Dialysis Center are to help patients have a long life. The process of the dialysis center starts with the acceptance of the patient get his/her medical records from the hospital who requested the dialysis and if the patient is a member of PhilHealth or a medical health cardholder. The proponents used the systems development life cycle in developing the system. As the proponent's approach and methodology, the patient information system flowed in five processes. First, the researchers sought a client, and then they created plans and timelines for the proposed system. Second, the researchers surveyed the target client and collected all the data needed by the system project. Third, the researchers designed a system that the user will easily recognize. Fourth, the researchers implemented the proposed system and tested it to ensure that it will function properly. The fifth stage was maintaining the system to be in a good working condition. The researchers developed the following deliverables: (1) login page, which is only for the administrators of the dialysis center to secure all information about the patient; (2) table page, which contains the list of all registered patients; (3) add a page, which is where new patients are added with their corresponding history; (4) update page, which includes the addition of patient's information; and (5) settings page, which is for the user and contains the patient's history. The computerized patient information system will create an easier and convenient way of administration and help the client find the patient's names and their important details easily. The system focused on the confidentiality of data collected from the time of acceptance to patient's recovery or end of treatment to ensure the security of the confidential information of the dialysis center patients. The system will help the administration to easily find patient's information.

Keywords: information patient dialysis center

Computerized Alumni Information System for Bestlink College of the Philippines

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Abstract

The alumni information system is a system that allows college or university alumni to communicate with one another. The main purpose of this project is to provide all the details about alumni, senior high school students, social networks, opportunities, news, and students. Alumni can also provide the public post in the system about possible job opportunities or other senior high school-related news. We used the systems development life cycle. In the planning stage, we planned to make our system and prepared the questionnaire. In the analysis stage, we went to the main campus of Bestlink College of the Philippines to collect data about alumni and the design part. In the design stage, we designed the layout for the system. In the development part, our programmer started coding to have the functionality of our system. When the system was done, we asked our clients to test the system for possible errors. We used the parallel conversion simultaneous implementation of the old and new systems until the new system is fully implemented. In the maintenance stage, we obtained feedback from the intended users of our system. In the system, you need to log in as a user or an admin for the security of the system. If you are logged in as a user, then there are limitations on what you can access inside the system, such as printing a hard copy of the records or changing the information in the table. However, if you are logged in as an admin, then you can print and change the information in tables. The admin has no limitation in accessing the information of the alumni. After logging in, you will be directed into the mainframe where you can add, edit, and delete the information, but only the admin can access this function. We conducted this research to provide a computerized alumni information system for Bestlink College of the Philippines.

Keywords: alumni information system

Students' Information System for Divine Trinity Learning Academy

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Abstract

Information systems (IS) is a system that gathers, stores, and distributes information. Many establishments are upgrading to computerize systems because they will be more efficient to use. Researchers proposed a computerized IS to Divine Trinity Learning Academy to help the school in their problem encountered while retrieving students' information in the current manual information process. Divine Trinity Learning Academy was established in 2010, and its logo reflects the mission and vision of the school. The systems development life cycle waterfall model, which is a sequential model, was used by the researchers. In creating the computerized information system, the researchers conducted observation and interviews to gather data. The researchers designed a layout that follows the client's preference. Then, the researchers tested all functions to find errors to fix and implement the system with proper training of staff to use the system properly. The researchers will serve as the maintenance team of the system and update the system when it needs an update. The results showed that gathering the information of students required a long time, and storing the information of the students requires manpower. In retrieving information, the researchers had difficulty obtaining information because it is stored in folders and drawers. The solution of the researchers is creating a computerized system that will help Divine Trinity Learning Academy regarding the problems they encounter. The researchers developed a computerized system to save time in processing and retrieving students' information. This system will become efficient to the users by finding the information they need quickly. The researchers concluded that developing research is not easy. The researchers faced difficulties in gathering and analyzing data. When developing the computerized information system, having a GUI in the system that will be easily understood by the user is important. Future researchers should conduct further studies to improve this computerized information system.

Keywords: computerized information system, students' information system, information system, computerized students' information system

Computerized Grading System for Peñafrancia Elementary School

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Abstract

Using a well-innovated, computerized, and friendly user grading system is very compatible for Peñafrancia Elementary School. Hence, the researchers developed a system that will help the teachers to help them because every year the student's on that particular school are always increasing and that is the main reason why the process of their grading gets slow because of managing the time off limit of the teacher that can't handle the time of being rush. For an innovative system, the researcher uses the waterfall method or the systems development life cycle method. First, the researchers gathered information according to the plans and a unique strategy. As a result, the researchers found out what are the problems the client are facing. Those gathered data and information were compressed and combined to form ideas and after that proceed to the next step which is the system design, implementation, or implementing of the project, then the researchers proceed to the testing with the client. And proceed to the development of the project, and lastly for the maintenance of the system that was scheduled. The system and all the gathered information may be enough to result in a succession of the project system. But if it is not successful, better try harder and search for improvements. Gain more knowledge of the essentials of the project. If the planned success, then the students of BCP (Bestlink College of the Philippines) will have the ability to develop a system that Peñafrancia Elementary School enables to use a grading system. In the first place, the researchers choose the Peñafrancia Elementary School as a client to help eliminate the manual process of computing grades that causes hassle and difficulties for the teacher. Grading and reporting of cards are phenomena that need a component throughout recording all the data depending on the student's performance. It refers to the generalization of getting the proponents of the grades that will release to the parents. The Metropolitan Academy conduct a study about the Grading system same project that the researchers conducted. The MA has a more complicated system, first, the Teachers encode all the student's information then it will compute next.

Admission Management System for Leandro V. Locsin Senior High School

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Abstract

Admission management system updates new information, adds new admin, adds new student, exports data, and prints table. An admission management system is a Windows software designed to help admin to maintain and organize admission by using the researchers' proposed system. The system is handy for beginners and advanced admin. The admission management system is one of the most important pieces of evidence not only in a university but also in lower levels of education. An accurate and efficient enrollment record ensures a good impression for the institution or encourages possible enrollees to matriculate in the institution. The purpose of an admission management system process is to provide a means for the staff and faculty to write down data that are essential to enrollment. The researchers used the systems development life cycle. In the process stage, the researchers built the project and completed meaning. In the planning stage, the researchers surveyed the respondents and evaluated the client's problem that was provided to them. In the analysis stage, the researchers analyzed the admission process of the school and important school requirements. In the design stage, the researchers used different diagrams, such as ERD, flow chart, and use case. In the development stage, the researchers applied the requirements needed for the system. In installing the system for the client, the researchers must have a duplicate copy of a file. In the testing stage, the researchers tested all the features and made sure that there are no errors left. If the system will not succeed or have a slight error, then the researchers will come back the next day to fix their system. In the implementation stage, the researchers implemented the system by installing it on their devices. In the maintenance stage, the researchers made sure to update the system if necessary. The researchers overcame the problems and achieved their goals to help Leandro V. Locsin Senior High School. The researchers developed the following deliverables. Registration is a form for adding and saving a record of a student. Sign up is a form from the admin account that saves an account for user/employee. For maintenance, the system contains features such as updating student records and exporting to Excel printing table records. In the admin settings, the user can change the password of the admin account. The login feature is for the security of the system. The admission management system provides the solution or an easy enrollment process. It will be easier if the information you provide is complete and compliant. This system will help the processes in the school to perform easier and make the information easy to access and reliable.

Inventory System for Yanz & John Apparel

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Abstract

Nowadays, everyone is dependent on technology. Technologies help people to keep in touch with each other by using mobile phones and computers. As an ICT student, we conducted research and proposed a computerized system for our chosen client. Mr. John Hojilla is the owner of Yanz & John Apparel that still uses a manual system. Mr. Hojilla is doing an inventory by using a logbook in monitoring his business. The main problem with this manual system is that it can lead to low profit and give the owner a hard time. The researchers proposed an inventory system for Yanz & John Apparel. Thus, the researchers can help the client to become more successful. The methodology that the researchers used was the systems development life cycle (SDLC) for the project plan. SDLC has seven phases, such as planning, analysis, design, development, testing, implementation, and maintenance. The researchers chose SDLC because it can easily finish the study. The researchers also used it to see the flow the researcher used and gather all of the data of client. Yanz and John Apparel have a specific problem in using a manual inventory system because it is time-consuming. The unmonitored list of products can lead to important papers getting lost or misplaced. Yanz and John Apparel lack security because the files are stored in a filing cabinet; even with the presence of a padlock, someone can still steal all files. Mr. John Hojilla, who is the owner of the store, is having a hard time while doing an inventory. The researchers' proposed computerized inventory system will reduce time, effort, and make his work easily. Yanz and John Apparel encountered difficulty in monitoring their product and maintaining their security. To prevents this, the researchers provided a database for the system to lessen the time of monitoring the products because unorganized products can cause an error. The researchers provide a list of products and stock to the system. The researchers create a login form before starting the system to secure the information of the user.

Keywords: computerized, inventory, system

Proposed POS System for KPCG Computer Trading

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Abstract

It is a website application specializing in supporting the day-to-day operations within KPCG computer Trading to speed up the configuration of the items within the KPCG Store. A POS and inventory system is used to control and track the transfer and storage of items in the KPCG Store. The system involves several processes that are important when receiving or even storing items. This system makes running a KPCG Store efficient and easy by knowing exactly where every item is, knowing if an item is broken, and how many items are in the store. These processes seem easy, but proper configuration to keep things inside the KPCG Store organized. The researchers used the waterfall process to complete this project. In the system planning stage, the group started to plan how to complete their project. In the requirement analysis, the system analyst interviewed the client. In the system design stage, the programmer started to write down the code and design the system. In the system implementation stage, the researchers implemented their project to the client. In the system maintenance stage, the client suggested updating their system, or the system itself needs to be updated to become a modern system. Using this process, the researchers helped KPCG Computer Trading to sort equipment and tools. The researchers developed a successful system that has a login page, a registration page with activation code, a home page where the admin can input and add data to the database, and subpages where the user can see the information of a specific item. The POS and inventory system focuses only on sorting equipment and tools of KPCG Computer. There are many innovative systems developed by a professional programmer instead of manually sorting items. Some are focused on how many products are sold and in stock, some are focuses on how many products are received, and some are focused on the sale and calculation of how many products are available.

Keywords: Korean PC Galor, Bestlink College of the Philippines

Class Record: Computerized Grading System Application for Information and Communication Technology of Bestlink College of the Philippines

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Abstract

The current grading system used in many schools is provided by the Department of Education in its policy and guidelines in classrooms on DepEd Order No. 8, s. 2015. DepEd provided spreadsheet templates; the users can input records and the system will automatically compute the grades. The use of this spreadsheet requires proficiency with spreadsheet applications such as Excel. Hence, the teachers who are not computer literate have problems when operating it. The project team approached this problem by using the systems development life cycle. In the planning/analysis stage, the team conducted data gathering and analyzed it regarding the features that would address the problem. In the design stage, the team created different diagrams, layouts, and concept designs of the system. The system was then created by the programmer in the development stage. After the application was created, it is unit tested, integration tested, load tested, and user acceptance tested. The implementation is to be handled in the form of parallel conversion. The new system should be used together with the old system. The system will be maintained by the project team when the system malfunctions and the school require their assistance. The computerized grading system is provided as a front-end application that handles the data input of the users and exports the data into the spreadsheet template. The system features security, ease of accessibility, and data input integrity. The login system featured three attempts only, that is, it locks accounts after three incorrect inputs in specific fields. The system also featured a next button, which allows the user to flip through students and sections with ease. The system also provided an interface that separates student records from other records to avoid incorrect data input. In conclusion, the system provided the necessary features for the old system, which is the spreadsheet template. This system increased the speed of recording. The increased security ensured the data security inside the system and complied with the data privacy of the students. The use of the spreadsheet application was removed and replaced by the application, but it was used separately. Future researchers, developers, and project teams should increase the security of the system. Concept designs that are easy for the users to operate will greatly help the faculty in storing their records.

Keywords: grading system, grades, teachers

Profiling System

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Bestlink College of the Philippines

Abstract

The organization is difficult especially regarding storing bulk papers that contain private information. Schools, villages, and companies generally encounter this problem. Researchers create the best solution to enhance and upgrade the processing of storing information. With these objectives researchers improve the security of the Bigkis Pagkakaisa Ancop Canada Homes. Also, to lessen the problem regarding in loads of paper. With one click, the Ancop homes can easily access the information stored by the clients and employees. The researchers used the systems development life cycle waterfall method as the framework of defining tasks and creating performed at each step in the software development process. The researchers use handwritten survey questionnaires to obtain data and determine the problems of Bigkis Pagkakaisa Ancop Canada Homes. The researchers used interviewing methods such as having a conversation with the company. The researchers determined that the problem of Bigkis Pagkakaisa Canada Homes is using a manual process of storing data and finding documents, misplaced documents, data misinterpretation, and data security. The researchers listed the objectives to solve the problem of Bigkis Pagkakaisa Ancop Canada Homes. After listing the objectives, the researchers designed and developed a system that can solve the problem of Bigkis Pagkakaisa Ancop Canada Homes. The system had a login form for data security, a resident's form to find the residence's reports easily, and documents form to solve the problem of misplacing documents. The researchers' profiling system was successful. Therefore, the researchers concluded that technology helps people with certain things they need. The profiling system that the researchers made helped Bigkis Pagkakaisa Ancop Canada Homes administrators. The researchers recommended this profiling system especially to store any data or information about their clients or employees, as well as those who want the information, they hold to be more secured, accurate, and stable.

Keywords: information system, system, computerized, profiling, programming

Enrollment System

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Abstract

Technology is replacing human workers with mechanical or electronic devices. The user is using few resources to manufacture goods efficiently. Enrollment is the process of entering and verifying the data of students to register at a particular school; it is one of the most important pieces of evidence for schools. Accurate and efficient enrollment records ensure a good impression of the school on possible enrollees. Enrollment procedures provide a means for the faculty to write down data that are essential to enrollment. An enrollment system was proposed to replace the manual process of enrollment to have an organized flow of transactions and make work easier. The researchers planned to find a school that is having a problem with its enrollment process. The researchers proposed a system to enhance the manual procedures. The researchers had an interview with the client. Using the systems development life cycle method. The researchers started to develop a system to help the school with the problem. This method will be their guide in developing a functional system to produce high-quality software that meets or exceeds customer expectations, reaches completion within times, and estimates cost. The proponents gathered necessary data that will help in the progress of enhancing the existing system. The main problem of the school is having a slow process of enrolment. The school allocated time to enroll a student. The researchers presented the proposed system to Deparo High School successfully and implement the system to the school in a functional condition. The proposed system included important features such as login and logout services and database maintenance. The login form was for security for those who access the system. There is also a login history to see if there is an account that is registered. Another feature of the system is the backup data where you can retrieve data that are accidentally deleted by the user. The goal of this study was to make the process of enrolling to be easy and faster than their manual process. Based on the research findings, the system that is implemented in the school is successful. This study also made the process easy by using the developed program. The flaw of the developed system was that the proponents did not add a printable form or module. Thus, the researchers recommend that future researchers should add a printable form for the school.

Keywords: enrollment system, enrollees, manual process

Point-of-Sales System

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Abstract

Point of sales system is a computerized system that can calculate sales, add new product prices, and create a receipt form. This project was conducted to solve the problem of Khalil's store, that is, the manual processes of sales, computation of sales, receipt form, monitoring of sales, and data security. The researchers' objectives were to create a point of sales system that only programs to solve Khalil's store problems regarding computation. The researchers used the systems development life cycle (SDLC) waterfall method. With the use of the SDLC waterfall method, the framework defined the tasks to be performed at each step in the software development process. The project was finished easily because the process was the waterfall, starting from planning to analyzing the problem, creating objectives, designing the system, developing, testing, implementing, and maintaining for updates. The researchers interviewed the respondents, such as recording the audio or video and taking a picture. A handwritten survey questionnaire was also used to determine the problem of Khalil's store. The researchers determined that the problem of the Khalil's store was using a manual process of computation of sales, monitoring of sales, data security, copy of the receipt, and manual computation of sales. The researchers made objectives to solve the problem of the Khalil's store. After creating the objectives, the researchers developed the system. The system had a login form for data security and a sales form to locate and monitor sales history. The system can also generate a receipt and compute the accurate sales and total price of the product. The researchers' point of sales system was successful regarding the set objectives by the researchers. The researchers created a successful computerized system. When creating the point of sales system, the researchers need to ensure what codes to input because one mistake will make the system not functional. This study will serve as a guide to future researchers. The researchers recommended the computerized point of sales system to the client for them to solve their problems regarding sales.

Keywords: researchers, point of sales, computerized system

Inventory System for KPCG Computer Trading

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Abstract

An inventory management system is the combination of technology, processes, and procedures that oversees the monitoring and maintenance of stocked products, whether those products are company assets, raw materials and supplies, or finished products ready to be sent to vendors or end consumers. A key function of inventory management is to keep a detailed record of each new or returned product when it enters or leaves a warehouse. KPCG Computer Trading is a computer shop that sells good-quality products and is located at Unit 11 3rd floor, Aurora Garden Plaza Building, Gilmore Ave., Balansa, Quezon City. The shop was started on June 5, 2012 with 10 employees. The researchers used the waterfall method and the systems development life cycle to complete this project. In the system planning stage, the group started to plan how to complete our project. In the requirement analysis stage, the system analyst interviewed the client. In the system design stage, the programmer started to write down code and design the system. In the system deployment stage, the researchers started to deploy our system. Afterward, in the system testing stage, the researchers attempt to test the system to ensure that all its functions are working properly. In the system implementation stage, the researchers implemented their project to the client. In the system maintenance stage, the client suggested updating their system, or the system itself needs to be updated to become a modern system. In this process, the researchers overcome the problems by achieving their goals to help KPCG Computer Trading with their problems in sorting/monitoring and adding equipment and tools. The results showed that the researchers developed a successful system. The system had a login page, a page where the admin can input and add data to the database, and an issue item page where the user can monitor the products with problems; the system also had a suppliers page, a report page, a backup page, and settings page. The inventory system focused only on sorting/monitoring and adding equipment and tools/items. This system also focused on how many products are received. The system will lessen the errors that have been encountered by the users and manage the miscalculation of all supplies by handling the item record and creating a fast way to monitor/sort and add equipment and tool/item to make sure that the data are correct, free error, and up to date.

Keywords: KPCG, SDLC

Registration and Sectioning Management System for Leandro V. Locsin Senior High School

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Abstract

The researchers proposed a registration and sectioning management system for the client to make their work easier. When the client cannot handle the work, the researchers help solve their problems. The researchers developed the system to implement it for the client. The problems of the client included an unorganized section, lack of security, and inconsistent data. The researchers used systems development life cycle process to build projects and complete meaning. In the planning stage, the researchers created a survey questionnaire for the client and evaluated the client's problem provided to them. In the analysis stage, the researchers analyzed the admission process of the school and important school requirements. In the design stage, the researchers used different diagrams such as ERD, flow chart, and use case. In the development stage, the researchers applied the requirements needed for the system. In the installing stage, the system was installed on the client's system. The researchers must have a duplicate copy of a file. In the testing stage, the researchers tested all the features and ensured the absence of errors. If the system will not succeed or present a slight error, then the researchers will come back the next day to fix their system. In the implementation stage, the researchers implemented the system by installing their devices. In the maintenance stage, the researchers made sure to update the system if necessary. The problem of the client is a result of the processes. The researchers overcame the problems, thereby achieving their goals to help Leandro V. Locsin Senior High School regarding their problems of unmonitored student requirements and data loss. The researchers developed the following deliverables. (1) Registration is a form that is used to add and save an account for the student. (2) Sign up is a form from an admin account that saves an account for a user or an employee. (3) Generate report contains updating student record exporting to excel printing table record. (4) Admin settings can change the password of the admin account. (5) The login form is for the security of the system. The developed registration and sectioning management system will manage and provide students with new technology in handling the enrollees and activities carried by the school after the admission of the enrollees. The solution to the client's problems made the researchers capable of countering the problems.

Keywords: registration and sectioning management

Library System

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Abstract

The library system is designed to help the users to maintain and organize the library. It is designed to help the librarian, students, and teachers borrow and returned books in the fastest way. The basic operation in a library system is adding new members and books, updating new information, and searching books for members and faculties borrowing and returning books. The purpose of the system in the Deparo High School is to provide an entire functioning computerized library system. One main purpose is to provide the user or the library staff the opportunity to search and check the availability of books. The researchers first determined who will be their client. The researchers started to gather interviews and observations to the Deparo High School, which was the selected client. The researchers observed how the manual library system of Deparo High School works and also interviewed the librarian to gather data on their system. The method that the researchers used was the systems development life cycle waterfall model, which is the process used by the software industry to design, develop, and test high-quality software. The researchers used this method because of its simplicity and ease of use. The research was successful; Deparo High School's library system became easier to use by using a computerized library system instead of a manual library system. The records of books became more well-structured and safe from being misplaced, the security of the library is well-secured by the use of a login account. The searching of books of the students became easy because of the use of the search button; even if the records are lost, the system had backup data that can recover the data loss. A computerized library system helps the work in the library quicker and can save time. A computerized library system can make the processes in the library easier, more secure, faster, and simple to use. Based on the research findings, the system that was implemented in Deparo High School is successful. This study also made their process easier by using the developed program. However, this system had a flaw; the researchers did not include how to reserve books to borrow and any printable form or module. Thus, the researchers recommended that future researchers should include a reservation form and a printable form for the school.

Keywords: library, library system, books

Proposed Students Medical Record System for Bestlink College of the Philippines

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Abstract

Bestlink College of the Philippines's clinic has its method of keeping students' medical records to maintain an organized record. The purpose of the proposed system was to improve the current situation of the school clinic to improve difficult tasks in a simple way. The researchers are committed to meet the demands of the user once the problems arise. The researchers analyzed the current situation in the school clinic to provide the appropriate solution to the problem. The researchers discovered that Bestlink College of The Philippines clinic has problems searching the student's records because the school uses Microsoft Excel. The school can search the information easily in Microsoft Excel. However, once the user searches the surname of the student, similar results will appear. The method that the researchers used was the systems development life cycle method to follow the schedule on time to allow the school to track the given steps on how to document or finish the research on time. The results of our research project lacked few pieces of information and functions on the system. The researchers completed the first attempt on how to solve the problems by using SLDC. The researchers started again from the beginning and added various features to the proposed system. The researchers concluded that the medical record system is a system that includes all the medical information of the student. Additional research should be conducted to provide more functions to the system to upgrade this research project. This work can be utilized for future systems made by other researchers who will study a medical record system.

Keywords: medical system, Bestlink College of the Philippines clinic, medical record system, organized records of medical system

Scheduling System for Teacher of Lagro High School

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Abstract

In this generation, computer technology is used in a variety of ways for everyday life. The computer becomes everyone's necessity regardless if they realize it or not. Everyone is using technology to some degree, such as when setting an alarm clock or using mobile phones or gadgets to become updated in everyday life. Technology is used in education, industry, medical procedures, medical research, business, school, etc. A computerized scheduling system was proposed to Lagro Senior High School to create teachers' schedules within a short time. The researchers studied to find a school with problems regarding its scheduling process. The researchers proposed a system for the chosen school to upgrade their manual procedures. The researchers interviewed the client and had a successful interview with the Lagro Senior High School principal. Using the waterfall model and the systems development life cycle method, the researchers developed a system to help the school with its problems. The main problem of Lagro Senior High School is poor planning of teacher's schedules; they are running out of time to teach because their scheduling process has not been fixed due to their manual process. Lagro Senior High School also has a problem with security flow. Hence, anyone can change the schedule. To solve this problem, the researchers presented the proposed system to Lagro Senior High School successfully and implemented the system to the school in a fully functional condition. The proposed system included important features such as login and logout services and database maintenance. The login form was for the security of those who access the system. The system also had a login history function where one can find the previous account registered. The other feature of the system is having backup data where one can find the unintentionally deleted files and retrieve them. The findings demonstrated that the scheduling system of Lagro High School was successful. This study developed a new scheduling system that can help Lagro High School on creating and generating classroom and individual faculty and allows users to detect and prevent conflicts automatically upon the creation of the schedule. There is a printable form on the developed system. Hence, the researchers advise future researchers to improve the printable form for the school.

Keywords: scheduling system, computerized, database maintenance

Recording of Grades for Tala High School

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Abstract

Using a computerized and user-friendly grading system is extremely convenient to use for computing grades in Tala High School. Hence, the researchers developed a system to resolve several problems that Tala High School encounter in their current system. The methodology that the researchers used was the systems development life cycle to improve the quality of the software and overall process. The first stage was planning to make the entire project, analyze the problems and come up with a possible solution, designing and developing the whole system, testing the finished system for the implementation to the client, and maintaining the quality of the system. The grading system can decrease the problems; it can help in computing the grades of Tala High School students accurately by using the programmed fixed formula in the proposed recording of grades system. The proposed system was also user-friendly to diminish misunderstanding because of unfamiliarity with the system. The system was more efficient in terms of sorting and finding records instead of using Microsoft Excel and had a simple process, thereby making it easy to use. The students of Bestlink College of the Philippines developed a hassle-free, accurate, and easy-to-use computerized grading system for Tala High School because the teachers of Tala High School are currently using Microsoft Excel.

Keywords: grading, computerized, information system, programming, ICT

Proposed Library System for Bestlink College of the Philippines

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Abstract

The library system was improved by using computer software for easy management and log book maintenance. A library system was developed to convince the member to search books and borrow books from the library. This system can save one's time in manipulating tasks to be done and secure data only for authorized persons. This system was also simple and easy to use. We used the systems development life cycle method to achieve our goals. Our client perceived problems with the current library system, that is, lack of security. To fix this problem, we provided a login system to secure the current library system. The current library system was upgraded to help the users in encoding book records. The client will choose whether they will continue using the current library system or they will use the proposed system.

Keywords: library system

Improvement of Grading System in Bestlink College of the Philippines for Senior High School Faculty in ICT Strand by Using Accessible Program

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Abstract

Bestlink College of the Philippines has a computerized grading system. All grades will be based on the weighted raw score of the students' summative assessments. The minimum Grade needed to pass a specific learning area is 60, which is transmuted to 75 in the report card. The lowest mark that can appear on the report card is 60 for quarterly and final grades. However, the problem that we encountered was that the formulas were not functioning well, thereby affecting the performance of the client. The purpose of this system was to help Grade 12 Senior High School teachers in encoding and computing the grades of their students. This application can secure the data from unknown users and store thousands of data. This system will provide an accurate and reliable output of grades for the better future of senior high school students. Students and teachers will have a difficult time having a basis for their performances. The systems development life cycle method was used. We gathered information from Grade 12 teachers through survey questionnaires and interviewed them for clarification. We analyzed the need of the client to ensure that the new system can meet their expectation. Before implementing the proposed system, the client will choose whether they will use the system or continue using their current grading system. Our client perceived the following problems with the current grading system: 1) lack of security and 2) errors in several formulas. Our proposed system had a security feature, of which the admin and the teachers are the users by using the login system by entering their username and password. In general, our proposed system used MySQLyog for database and Java as the programming language. The proposed system was simple, interactive, and had a user-friendly interface; even those with minimal or no knowledge about working with computers can easily operate it. The results demonstrated the need to improve the current grading system to help the users in encoding and computing grades. The parallel conversion was the selected service transition. Thus, the client will choose whether they will continue using the current grading system or they will use the proposed system. Future researchers can improve this system further to provide a more secure and reliable system.

Keywords: computerized grading system, Bestlink College of the Philippines

Employee Profiling System for TGI FRIDAYS

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Abstract

An employee profiling system was proposed for TGI FRIDAYS, which is an American restaurant and bar that is located at Fairview Terraces, Fairview, Quezon City. The employee profiling system was created used to expand the availability of access to this valuable information and other useful data in the system and databases. An employee profiling system is a distributed application that can help TGI FRIDAYS. The system can maintain the personal details of their employees in their organization. The employee profiling system is appropriate for employees, managers, and departmental and organizational staff. The method that the researchers used was SMART (specific, measurable, achievable, realistic, and timely) analysis. In the specific aspect, this is where the researchers clearly defined what is their topic. In the measurable aspect, this is where the researchers will have a criterion that will measure their progress toward the accomplishment of their goal. In the achievable aspect, this is where the researchers will surely attain their goal. In the realistic aspect, this is where the researchers will be realistic and relevant to the purpose. In the timely aspect, this is where the researchers clearly defined the timeline, including a starting date and a target date. The proposed system had a login form where the admin must enter the username and password of its specific account. The system had three attempts. After logging in to the account, it will be placed in the audit trail form where the admin can identify who is using the system. The registration form was a typical form that should be filled up with necessary information about the user or admin. The mainframe form was divided into two parts, that is, the home and menu modules. In the home module, this is where the admin can see the accounts, settings, and help buttons. In the account setting, the admin can see the accounts created inside the system. It showed the add, update, and delete buttons. In the help section, the admin can see the user manual of the system. In the menu module, this is where you can find the information or details of the employees held. The proposed employee profiling system helped TGI FRIDAYS in recording and organizing the information of their employees. The researchers focused on storing and updating the employees' data. The information was stored in a database that can be updated, which made the information secure. The system can easily add an employee's information, update, and search. The system cannot be easily accessed by a person who is not familiar to use the system.

Keywords: employee profiling system, TGI FRIDAYS

Proposed Profiling System Teacher at Cielito Zamora High School

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Abstract

The teacher profiling system is about getting information about one's profile. The profiling system is also used to build the information about the faculty to easily access the teacher's profile. This system is easy to use. The software would be developed by the powerful coding tools of NetBeans at the frontend with SQL database at the backend. The user's feedback would help keep track of all the records. It would easily maintain the details of the teacher within the organization. Quantitative research was used to design the system. The researchers utilized purposive sampling to gather the information of respondents to assess the level of the acceptability of the teachers in Cielito Zamora High School Annex 2. Using the instrument of the study, which is a questionnaire, the researchers surveyed the respondents to determine whether a proposed project is acceptable in terms of concept, design, and presentation. The system had a login form where the admin must enter the username and password; this system allows three attempts. After logging in, the account will be placed into the audit trail form where the admin can identify whoever is using the system. A registration form is only a typical form that should be filled up with necessary information about the user or admin. The mainframe form is divided into two parts. The Home Module is where the admin could see the Accounts and Settings. The Help feature in the account setting is where the admin could see the accounts created inside of the system. It can display the Add and Update features. In the Help feature, the admin could see the user manual of the system. The Profiling Module is where the information or details of the teachers will be stored. The proposed teacher profiling system helped a teacher in recording and organizing the information or the details of students; it will easily keep track of all records. The proposed teacher profiling system is an integrated set of components to record and organize the information or details of teachers. The researchers focused on storing, updating, and printing the students' data. The data were stored and organized in a database that can be updated, thereby making the information accurate and secure. The system can easily add teachers' information, update, search, and report when needed. The system cannot be easily accessed by a person who is not familiar to use the system.

Keywords: teacher, Cielito Zamora High School Annex 2

Library System for Canumay East National High School

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Abstract

At present, everyone uses technology every day. In particular, in work, technology makes work easy and fast. The researchers observed that Canumay East National High School has a problem with its current library system. Thus, the researchers came up with this project to overcome its problems. The researcher created a library system to make the work of the librarian easy, that is, it will be easy to borrow a book and it will be more secured for all data. This system is a computerized one, which is faster and easier than manual. The method that the researchers used was the systems development life cycle method or waterfall model. This method included a detailed plan for how to develop, alter, and maintain a computerized library system. In this method, the researchers gathered data by conducting surveys and interviews, analyzed the system, designed the system, determined how they develop the system, tested it to avoid errors, implemented it, and maintained it to ensure its accuracy. The researchers successfully developed the computerized library system, which is a secure, accessible, and accurate system. The manual library system of Canumay East National High School was directly replaced with the computerized library system. It is difficult for the librarian to search for a book, have a record of the transaction in the library, and manage books. However, with the use of the computerized library system, the librarian can now easily manage the library and search for a book. This system had a login form to make sure that only authorized personnel can use the system to prevent losing and tricking data. This system has a search bar to search where the book is located. This system also had a record feature to know the due date of returning books. This system also has a transaction feature to make borrowing of books fast and accurate. Lastly, this system had a print feature to print all the records of borrowing books, lists of books, and lists of students. Now, the library system of Canumay East National High School will provide better service to the students.

Keywords: library system

Grading System for Caloocan North Elementary School

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Abstract

Technology is widely used in our generation; it makes our life easy and reduces the working time. Technology is important in our era because it is commonly used in any country and can be used by everyone. Thus, the researchers created a computerized grading system that enhances the capability of Microsoft Excel that the teachers in Caloocan North Elementary School are currently using. The computerized grading system had features that Microsoft Excel also have, but developers enhanced these features and added login form, login history, audit trail, and registration form for new users. The proposed grading system for Caloocan North Elementary School had a user-friendly interface and main form. The researchers used the systems development life cycle (SDLC) method in developing the computerized grading system for Caloocan North Elementary School. SDLC waterfall method helped the researchers in data gathering, interviewing, making their GUI, and designing. SDLC is a system that ensures the quality and correctness of the software built. SDLC waterfall method is more useful because it has the idea that users can easily understand. This method can explain the methods step by step and is direct to the point. The computerized grading system that the developers created had features that their current the system did not have, such as the login form, which can secure data and avoid unauthorized access to the system. Developers also added an audit trail that can monitor the user's activity in the system; it can monitor the login time-in and time-out. The system also had a registration form to facilitate creating accounts for new users that can use the system. However, to create another account, the admin or moderator of the user should permit to monitor the new user. The researchers upgraded their current system to be more secure and accurate. Our computerized grading system had a user-friendly interface and is easy to use. New users will attend seminars and orientation to use the system properly and guide them to their new platform of computing the grades of the students. This system improved the grading system because developers added new features that made it more convenient.

Keywords: grading, SDLC, system, developers, Microsoft Excel, programming

Admission System at Batasan Hills National High School for All Students

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Abstract

The admission system is the process of getting a requirement for school registration. Previously, admission is a manual process. In this research, we created a computerized admission system for Grade 10 students at Batasan Hills National High School. As a part of the admission process, the students will be required to fill out some basic application paperwork, which will include their personal information and high school activities, such as extracurricular activities they participated in. An interview will be conducted for admission if necessary. A student may be interviewed in some cases, but it is generally not required for undergraduate admission. Some schools will be willing to schedule a student admissions interview upon request. International students may find a student interview important. The systems development life cycle for approach and methodology was used in this study. We gathered the information from Batasan Hills National High School through an interview for clarification. Thus, we analyzed the process of their admission of the student to ensure that the new system can meet their expectations. Before implementing our system, we asked them to choose whether they will use it or if they will stick to their old system. The result of our system was good, and our client was impressed with our system because using their old system, 1) it is hard to get the information of the client or students, and 2) processing the requirements takes at least 1 week or more. However, our system reduced the manpower needed to perform all admission tasks by reducing the paper works needed and making activities such as updating modification and deleting records easier. We developed the system to improve the school's policy and rules in the admission system because Batasan Hills National High School lacks a security system. The increasing numbers of students seeking admission in academic institutes are causing tremendous pressure on the administrative body to manage and arrange the admission process manually. In our system, we prepared a backup for the new data in case our system has an error. As a rule, no public schools shall refuse admissions or shall allow delisting of Filipino pupils/students for any of the reasons cited above.

Keywords: Batasan Hills National High School, computerized admission system

Teachers' Scheduling System for Novaliches High School

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Abstract

Technology is extremely useful for every individual to make every process easier. Technology provides great opportunities for learning effectively for everyone with different needs. The researchers proposed a scheduling system for the teachers of Novaliches High School to make organizing hourly shifts of teaching and coming up with a teacher's schedule with a perfect timetable faster and easier. The client encountered problems such as long hours consumed, problems in record keeping, conflict in teachers' schedules, and lack of security. The proposed system is an accurate, easier, and faster process of scheduling that helps the staff administrator to lessen their work and problem for providing a teacher's schedule. The systems development life cycle waterfall model was one of the methods used by the researchers to develop a computerized scheduling system. This method helps as a guide for the researchers to plan who will be their client, analyze the problem on their current scheduling, and design the proposing system. In the analysis stage, the researchers interviewed the clients to gather data. The researchers designed and developed the system to solve the client's problems. The findings of the researchers showed that the current scheduling system will be computerized. The unsecured file and data of the teachers will be secured, no time will be consumed because of the other features of the scheduling system, the conflict of schedule will be accurate, the record will be kept in one place, and backup files are available. Overall, the proposed system is successful.

Keywords: scheduling system, scheduling

Proposed Enrollment System for Bestlink College of the Philippines

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Abstract

The enrollment system is one of the most important systems in university and lower levels of education. An enrollment record ensures good data management of enrollee information. It also encourages possible enrollees to matriculate in the institution. The purpose of the enrollment system is to enable students to enroll in their subjects before the commencement of their semesters. Students increase every year, and the difficulty of the enrollment procedure also increases. The amount of information that needs to be collected also increases. The systems development life cycle method was utilized in this research. In the planning stage, the researchers gathered information by interviewing the client. In the analysis phase, the team analyzed the problems that are encountered by the client in the enrollment process and then the planned to solve this problem and provide a solution. In the design stage, the project team provided the layout and flowchart of the proposed system. Afterward, in the testing stage, the user tested the system if the system is working as intended and compatible with the computer. In the maintenance stage, the project team maintains the system whenever it malfunctions. The results showed that the system was working as intended. This system had a three-attempt login function, which increased the security of the data. The system also allowed data manipulation such as enrolling students, deleting student information, and updating student information. The data process was also monitored in a separate form for the admin, thereby enabling the monitoring of the system users. The students who participated in this system focused on how they will use it or what the function is. The process focused on the administration because the system is not fully functional, but other tools are extremely useful, safe, and user-friendly; you can input your data and your important information. Other participants of this system can use and test if it is useful in the future. The result showed that the system should be upgraded for the students because the enrollment system focused on the admin side and not on the student side. Therefore, the proposed system is extremely useful, safe, and user-friendly that can also help the administrators and the school.

Keywords: evident, utilized, manipulation

Teacher Profiling System for Novaliches High School

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Abstract

Technology makes daily lives better and easier. Technology is also being used to accomplish specific tasks. A profiling system can be used to gather data about the profile of teachers. This system can perform the manual through a computer, which is faster and easier than the manual process. It will benefit the school administrator of Novaliches High School to generate the fast processing of managing teacher's information. A profiling system was designed for the use of school administrators to make easy, fast, and accurate processing of teachers' records. We used the systems development life cycle (SDLC) method in the development of the profiling system. We studied how the system will work, determined the users' needs, and recommended a solution. The data were gathered from the respondents to determine their perception of the problems they experienced or encountered in the existing manual of the registrar. Flowchart, ERD, and UML were used to represent the flow of data in the system. The study was achieved because we developed and implemented the profiling system effectively in Novaliches High School that is fast, accurate, and accessible. The staff has difficulty in finding the name of the teachers because of many documents in their office. With the use of our computerization system, it will be easier for the school administrator to find information about the teacher, and their stakeholders will have a better service in managing all the records of the teachers. This system will automate the records and process of teacher profiling. It will provide the teachers the information they need much faster than manual. The computerized system is put into service for the users to start utilizing the system for review. Our client prefers to change their current manual system for easy processing in managing all the records of their teachers. It enhanced the management decision and improved the services to all the stakeholders of Novaliches High School. The information of the teachers is now secured. This system also helped reduce the tasks of the registrar office staff.

Keywords: teacher profiling, profiling system

Enrollment System for Payatas C Elementary School

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Abstract

The enrollment system is the one of most important and evident not only in a university but also in lower levels of education. Accurate and efficient enrollment records help ensure a good impression of the institution on possible enrollees, encouraging them to matriculate in the institution. The purpose of the enrollment process is to provide a means for the staff and faculty members to write down the essential data during enrollment. As the enrollees increase every year, the enrollment process becomes harder to deal with. The amount of information that needs to be jot down also increases, thereby resulting in a slower process and arising confusion among the staff and faculty. The researchers used the systems development life cycle method, which includes a detailed plan for developing the system, including altering, maintaining, and replacing a software system. The researchers developed a computerized enrollment system for Payatas C Elementary School that will help the students enroll easily. The client will have a better process through the computerized enrollment process. The system was done and prepared well for the client. The system enhanced and improved the process from manual to computerized. Thus, the clients can use the system easily because it is user-friendly. The system will also be secured against any risk.

Keywords: computerized enrollment system

Computerized Enrollment System of Judge Feliciano Belmonte Senior High School

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Abstract

The purpose of this system is to lessen the time consumed by the students in enrolling. It also allows the Maglite school management to easily assign all incoming students to their perspective sections. The system will provide an accurate and reliable enrollment process to help the school with the enrollment process because the school previously used a manual enrollment process. The systems development life cycle was used. Using this method, we gathered the information of the respondents who experienced the manual enrollment process through an interview, a questionnaire, and a survey to address the problems they encountered. Based on the results of the study, the client encountered the following problems: 1) manual sectioning, 2) the high number of students caused by slow transactions by using the manual enrollment process, and 3) not secured information of the students. To fixes these problems, we automatically assigned the section of the student depending on their strands. We also used a computerized enrollment process that will get all the information of the students. We also created a log-in form for the staff and admin to secure all information of the students in the system. Considering that the school previously used a manual enrollment process, we proposed a computerized enrollment system that will improve the enrollment process by decreasing the time consumed by students when enrolling. The direct conversion was used to test the system if it is reliable to use.

Keywords: computerized enrollment process, time consuming

Point-of-Sale System for Glenald's Store

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Abstract

Technology has computerized outcome that has been a common part of the researchers' everyday needs. For small businesses such as a mini-grocery, some use manual computation that can consume considerable time and bring more hustle to their customer and workers. Point-of-sale (POS) system is a computerized system that can be used in groceries to compute fast and determine the prices quickly. Development life cycle framework defining tasks were performed at each step in the software development process. The systems development life cycle is a structure followed by the development team within the software organization; it consists of a detailed plan describing how to develop, maintain, and place a specific software. The life cycle defines a methodology for improving the quality of the software and the overall development process. The researchers developed a POS system to help in record keeping and accounting. A simpler point of sale system is more advanced and uses the information that it collects to simplify the accounting process by using a computerized and updated POS system for a convenient and easier transaction. The researchers implemented their goals to help Glenda's store. The researchers implemented a convenient system that can help the client for their business and lessen the manpower needed to easily manage the grocery.

Keywords: computerize, sales, programming, inventory, point of sale, computing

Development of Computerized Faculty Information System in Bestlink College of the Philippines

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Abstract

The faculty information system (FIS) is a system for automating and simplifying the process of updating and reporting faculty information. The purpose of the system is to help the faculty staff and admins to monitor the information provided by the faculty members to the faculty system. By using this application, it can secure the data from unknown users and can store even more faculty data. The systems development life cycle method was used to gather the data needed for this study. The researchers used a questionnaire that served as the instrument in collecting data. The researchers interviewed the faculty staff who monitors the actual faculty system in Bestlink College of the Philippines. The inquiry was conducted during S.Y. 2019–2020. In collecting the client's suggestions for creating their desired faculty system, we put a login system to secure the data input in the system, a table for monitoring the achievements of every faculty member, and a soft copy of all faculty's information by using backup features. The human resource needs to improve their existing system in securing and monitoring faculty's information. The direct conversion was the selected service transition to change the existing system immediately with the newly developed system.

Keywords: computerized, faculty, information system

Reservation System for Royal Touch Catering Services

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Abstract

Using a computer can increase your productivity and reduce your waste. It helps you organize and get a better understanding of data. Using a manual reservation can be quick and easy. However, as your business grows, the manual filling will be a problem. In the business world, you should be able to file, find, and store documents or data fast. As the researchers dealt with the client, they noticed that their employees are using manual reservations that can waste time and paper. The researchers proposed a computerized reservation system to easily manage Royal Touch Catering. This system is a reservation system that can enhance and improve their company. The researchers used the systems development life cycle, by which system analysts, software engineers, programmers, and end-users build information systems. The group also used a questionnaire for gathering information, planning an interview to know the problem of the system, and an observation to know how was the business process of Ms. Ferraren. The researchers developed a computerized reservation system for Royal Touch Catering Services that is useful, accurate, and user-friendly. This system will help their company have a better system in managing all reservations. The researchers solved the problem of the client in their manual system. The system enhanced the condition of manual to computerized, and the user can use it easily and lessen the time for transactions. A secured system is also safe from any trouble. The researchers created a user-friendly system that will make their business grow better.

Keywords: reservation, system, catering, developers, manual system

Development of Scheduling System in Bestlink College of the Philippines for Senior High School Faculty

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Abstract

The purpose of this system is to help senior high school teachers from Bestlink College of the Philippines with their daily schedule on their assigned rooms, time, and subject. Using this application, one can know the schedule from an unknown user. This system will provide an accurate and reliable schedule for Senior High School teachers. We gathered information from Grade 12 Senior High School teachers through survey questionnaires and interviews for better answers and clarification. The output of this research will be an automatic set of presentation schedule alternatives that will take into account all constraints. The proposed algorithm for this automatic scheduling system can generate an optimal presentation timetable and enable direct interaction with lecturers to gather the data of their available time among its functionalities. The proposed system performed satisfactorily in terms of accuracy, data handling, and adaptability in helping the faculty to arrange presentations easily, yield a reliable record, and increase the efficient use of resources. We developed a scheduling system that will fit our clients' needs in the Bestlink College of the Philippines. The problem with their system was the overlapping and mixing up of the schedules, which causes the whole schedules to be problematic.

Keywords: faculty scheduling system, Bestlink College of the Philippines, computerized

Computerized Payslip for Eldefonso General Merchandise

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Abstract

A computerized system is a computerize-based program that is used for various purposes. This study will focus on the development of a computerized payslip for the salary computation for the employee of Eldefonso General Merchandise. Eldefonso General Merchandise has 20 employees, and the owner's name is Mr. Eldefonso Magaru. The business started in 2009 up to the present. Eldefonso General Merchandise business is a soft drink merchandising that supplies and delivers soft drinks. The researchers chose Eldefonso General Merchandise as a client because it currently uses the manual system and experiences problems. The researchers used the systems development life cycle (SDLC) waterfall model to develop a computerized system for Eldefonso General Merchandise. SDLC waterfall model was chosen by the researchers because it has different stages that will help the researchers organize the task. Then, the researchers also interviewed the Eldefonso General Merchandise personnel who is responsible for salary computation. The researchers also used observation to gather data on the Eldefonso General Merchandise. Through their system, the Eldefonso General Merchandise personnel who computes employee salary and produce payslip will have an easier job. The computerized payslip reduced the time and the tasks needed to perform to generate salary computation and record the pay record. Eldefonso General Merchandise business process implemented the computerized payslip well, and salary computation became more accurate. Recording deductions and tardiness also became easier. The computerized payslip secures the business process of the Eldefonso General Merchandise, including pay records, employee information, the income of the Eldefonso General Merchandise, and the expenses of the company, which became more secured using the computerized payslip system proposed by the researchers. After the implementation, the computerized system performed better than the manual system. The tasks needed to do decreased, and computation became more accurate because of the computerized system proposed by the researchers. Future researchers may expand the system to a payroll system to enhance the capacity of the computerized system.

Keywords: computerized, system development, payslip, Eldefonso General Merchandise

Student Profiling System for Grade 12 Senior High School Students of Bestlink College of the Philippines

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Abstract

This system is about student profiling in Bestlink College of the Philippines. This system is important for the school and students because it stores the information of the students. This system is not accessible to all and should only be accessible to school staff or admin. The method we used to create this system was the systems development life cycle method. Planning involved all the things that should be done. In the planning stage, we discussed and gathered information through a survey. We already have a system that helps the school and students. We can test the system by adding a new account or a new student profile record; the form should be filled out and save to have the record of the student in the database. This system is only for recording the information of the student; the system is also for storing the information that the school needs to know about their students.

Keywords: accessible, privilege, information.

IT & MANAGEMENT

Vital Equipment in Establishing Computer Shop

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Abstract

The project study is about determining the vital equipment in establishing a computer shop, which is also known as an Internet café or cybercafé. This type of business provides Internet access to the public. Determining the appropriate equipment in a computer shop is important to operate the business successfully. The main thrust of our project was to give recommendations on what to use and purchase vital equipment to establish an Internet shop. The group gathered data from brochures, magazines, flyers, and Internet, which served as a fact-finding tool to find out the prices and appropriate devices and equipment needed to establish an Internet shop. We relied on feedback from various Internet shop owners. The result of this study showed that the project study served as a guide when purchasing equipment and lessening the cost of each computer component. We also organized a step-by-step process in setting up a PC. Technology has a high demand in our society. Information technology provides help to those who need it. Our project provided information with the use of technology and served as the basis for selecting the appropriate equipment to establish an Internet shop.

Keywords: equipment, computer shop, vital

Service Management System Payroll

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Abstract

The proposed system was designed to organize all the tasks of the employee salary tying up with companies and the filling of employee's taxes. The payroll system currently faces some issues such as ineffective time records and untimely payroll processing. The said issue was discussed and given helpful solutions. Through agile scrum methodology, the development team conducted all the necessary tasks to satisfy the needs and wants of the product owner for the development of the proposed system. Through this methodology, the whole project was divided into sprints that should be accomplished based on the given time frame. The conducted research by the development team provided the product owner a more efficient and accurate data regarding wages and taxes. The system also provides records of hours worked by the employees accurately. It can also monitor and collect employees' attendance data easily. This system can also monitor and calculate government contributions and taxes. The proposed system by the development team mainly focuses on taxes and deductions from the company, providing accurate information about employee wages, benefits, and incentives. The system accurately provides the hours of work by the employees by getting data automatically directly from HR and quickly collecting 100% of the data, which can save time and effort. The system automatically calculates and adds deductions and taxes to save time. It can also print and record data and reports for future purposes.

Keywords: payroll

Setting Up Server for Computer Laboratory at Bestlink College of the Philippines, MV Campus

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Abstract

The Information and Communication Technology students of Bestlink College of the Philippines perform activities in the computer laboratory. Some students open other applications that are not needed and access files and information that they do not need. The researchers concluded that having a server for the computer laboratory will help the facilitator manage and maintain the security of the client's computers, such as monitoring applications, proper file sharing, and data keeping for better computer laboratory management. To gather qualitative data, the researchers interviewed the computer laboratory facilitator. The researchers also surveyed some ICT teachers about the use of different Microsoft offices and responded to a set of semi-structured questions about students' use of the computer laboratory. The researchers also observed the students using the computer laboratory. The time allowance for the students in using the computer laboratory is enough for the activity that the students will be doing for the day. Teachers will not have a hard time handling students who will access applications. Students will have more time to focus on the task that is assigned to them. Applications that are locked by the server cannot be accessed by anyone in the computer laboratory. The process of installing the server is as follows: Step 1: Insert the installation media for Windows Server 2008 R2. After the installer runs, the Install Windows screen appears. Step 2: Installing Active Directory Domain Services; this will serve to create a domain. Step 3: After installing the Active Directory Domain Services, the DNS server will be the next to be installed. Step 4: After the domain was created, this will be the time to join the client to the domain. As the server that will be managing the applications used, users cannot access those applications if it has been locked by the server. This process will lead the students to focus more on the task given by the subject teacher. The researchers set up a server for the computer laboratory to limit and secure the applications that the computers have in them.

Keywords: setting-up, server, computer laboratory

Hotel and Restaurant Management System-Human Resource Part 2

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Abstract

The proposed system resulted in ease in tallying, evaluating, examining, viewing, requesting, and organizing candidates for applicants, especially employees in the Human Resource (HR) department. This research helped companies innovate their way of processing and lessened the use of resources. The problems being encountered by the existing HR system in terms of creating a strategic plan for choosing candidates, training, and evaluation of employees and other problems in the human resource serves were the basis for the researchers to conduct this study that will improve the current system for the HR nowadays. Through the use of the agile scrum methodology, the development team started the research by conducting interviews and getting the needs and wants of the product owner, which will be incorporated in the development of the proposed HR system. The project as a whole was divided into sprints; the development team was required to accomplish every sprint based on the given time frame up to the completion of the whole project. The conducted research by the development team paved the way for more opportunities for clients that had their needs and demands met. The proponents identified certain problems in terms of finding a possible candidate for promotion, selecting a successor for a certain position, examination process and creation, creating training modules, and viewing employees' records (i.e., payslip, schedule, and personal records). Hence, the proponents created a system that will resolve all the problems in the current HR system, thereby innovating and upgrading the HR process. The proposed study focused on the selection of candidates for promotion, employee evaluation, training, creating exams, and formats, and making a portal for the employee to view their records and other important reports. The proposed research differs in terms of ease of use and systems integration. A fully integrated approach with different modules in the EIS provides a more accurate, timely, and more relevant system.

Keywords: HRM system

Hotel and Restaurant Management System - Human Resource 4

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Abstract

Human Resource IV is one of the fundamental structures that cycle human resource as a whole. For companies and institutions, Payroll, Compensation Planning, and Administration take a vital role in computing salaries of every institutional body involved in a company. In Bestlink College of the Philippines, a cloud-based system was proposed. The hotel and restaurant management system is the given enterprise information system (EIS). The assigned module Human Resource IV is composed of five submodules, namely, payroll, compensation planning and administration, core human capital, HR analytics, and insurance benefits. The provided EIS was developed using the languages PHP, HTML, JS (JavaScript), and CSS and can be accessed through the Internet. The research team used the agile scrum methodology. First, the team interviewed the product owner about what he/she wants to be developed. The method required solutions evolved through collaboration between self-organizing cross-functional teams. Second, the research team planned and created sprints to guide the development sequence. It had a series of sprints in which every sprint has a restricted time frame to develop into a functional system. Third, the research team conducted a daily stand-up meeting to deliver every progress and the downfalls of the system. Fourth, the sprints were recorded by worked hours by the research team. Fifth, the team reviewed the sprint every 2 weeks to see the progress of the group if it is achieved. The research conducted by the research team marks an opportunity to learn new things in human resources. The team encountered obstacles in completing the system in terms of unfamiliarity with the study, high complex calculations, adding and deducting compensation based on salary Grade of an employee, choosing the right chart for analytics that can be easily understood, and generating payroll automatically based on the system timesheet. As a result, the team created an auto-generated payroll, rate-based compensation, employee information system, human resource statistics, and insurance tracking that will help the current human resource industry to innovate processes into a fast-growing industry. Based on the results, the proponents showed the possibilities of creating a system that can help motivate young aspiring innovators. The use of a cloud-based system reformed the IT industry and upgraded students in innovating simple ideas into a finer community.

Keywords: Enterprise information system, agile scrum methodology, cloud-based system, online-based, rate-based and record-based system, PHP, JavaScript, HTML, CSS.

Point-of-Sale System for Home Center Quezon City Branch

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Vince Carlo Olayres
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Abstract

In this world filled with many needs, the best way to buy those needs is on the market. All markets need to calculate how many products have been bought for them. The researcher's system is compact for every market, convenience store, restaurant, etc. The point-of-sale (POS) or (POP) is the time and place where a retail transaction is completed. After receiving payment, the merchant may issue a receipt for the transaction, which is generally printed but can also be dispensed with or sent electronically. The proponents planned to create and think about the cause and effects of the process. The proponents conducted a meeting for approximately 3 days to provide questionnaires to the clients. After the interview, the researchers provided answers to our questionnaire and our system. The researchers analyzed the clients' needs and want; the researchers also gathered the companies' problems to provide a solution to their problems. The researchers made different layouts for their system, and the researchers combined it with SQL Connect. The researchers put the syntax into the layout. The first code the researchers made was trial and error. The researchers did several updates and deleted them in our codes, especially in our research paper/documentation. The respondents also gave recommendations and ideas that help us with our system to update our documentation. The researchers re-edit and design the errors; the researchers also updated their documentation based on their client's recommendation. Our admin/client determined the problems of their company for our system to create. In the process, the researchers studied and brainstormed about the results and outcomes of our solution to their problem. Afterward, the researchers managed to create most of our document and their problems. The researchers started creating their system, and their programmer pulled off a working point-of-sale system to provide for our admin/client. The researchers edited some errors in their document and completed it in the form. The result demonstrated how modern technology can help us be updated on what is new and what is on-trend. Our project system was designed to be a user-friendly system to make the POS staff of the convenience store at ease. This system can satisfy the user.

Keywords: check price list, retail software, point of sale software, business, sales, receipt

Order Management with Point of Sale

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Abstract

Order management with point-of-sale (POS) is typically used to manage the sales and orders in the restaurant. It includes hardware components such as computers to function as a POS system. When a customer arrives at a POS counter by purchasing an order, the cashier will start a new sales transaction and type the item number; it will retrieve the name and the price of the goods. After purchasing the order, the customer will pay the total amount of his/her order. After the payment, the customer will receive a receipt from the counter. The agile scrum method is proven effective throughout the research made by the researchers. Through the use of the agile scrum method, our research became consistent and accurate and has produced results exactly what the product owner and the team wanted. As the process started at the order management with POS, the system evaluated and made orders. The kitchen cooked the order for the customer punched by POS. It will show or display it in order breakdown. The kitchen may cook it depending on the ingredient inside the storage room, and the order depends if it is pending or ready to serve. If the kitchen and bar are out of stock inside the storage room, then the kitchen may request inventory management items. Inventory management may receive it and show it in the request frame. If the inventory is out of stock, then the inventory will request to the warehousing for the items, ingredients, or other equipment that is needed for the integration. Meanwhile, food and beverages costing are managed to compute and analyze the gathered data to analyze the goods and ingredients used. Food cost will be displayed on the menu in the POS after food costing. The restaurant analytics is responsible for the printed report of the restaurant, and analytics is responsible for displaying the data by using the dashboard for what was the most sold item within the POS. The total revenue gathered by the restaurant, total ID inside POS, inventory data, food costing, and kitchen total wasted items were determined. The researchers and developers also met the expectations of the product owner by fulfilling his request and discussed other parts of the system that can be improved and change according to what the product owner desires. The researchers gave each other's roles to each module to fill the gap and waste no time in developing and improving each module.

Keywords: point of sale

Hotel and Restaurant Management System-Human Resource Part 2

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Abstract

The proposed study created ease in tallying, evaluating, examining, viewing, requesting, and organizing candidates for applicants, especially employees in the Human Resource (HR) department. This research helped companies innovate their way of processing and lessened the use of resources. The problems being encountered by the existing HR system in terms of creating a strategic plan for choosing candidates, training, and evaluation of the employees and other problems in the HR department serves as the basis for the researchers to conduct a study that will improve the current system for the HR nowadays. Through the use of the agile scrum methodology, the development team started the research by conducting interviews and getting the needs and wants of the product owner that will be incorporated in the development of the proposed HR system. The project as a whole was divided into sprints wherein the development team was required to accomplish every sprint based on the given time frame up to the completion of the whole project. The conducted research by the development team paved the way to more opportunities for clients that met their needs and demands. The proponents identified certain problems in terms of finding a possible candidate for promotion, selecting a successor for a certain position, examination process, creation of training modules, and viewing of the employees' records (payslip, schedule, and personal records). Hence, the proponents created a system that will resolve all the problems in the current HR system that innovates and upgrades the HR process. The proposed study focused on the selection of candidates for promotion, employee evaluation, training, creation of exam and format, and a portal for the employees to view their records and other important reports. The proposed research differed in terms of ease of use and systems integration. A fully integrated approach with different modules in the EIS provides a more accurate, timely, and more relevant system.

Keywords: EIS

Library Management System for Novaliches High School

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Abstract

This system will develop the library into a modernized place to collect and find sources not only to follow the trend but to encourage the students in the library. This system may help the users in tracking the available reading materials. This system is not only for the users but also for the librarian to easily monitor users with overdue books. This system was designed for easy and fast access of logging in and out of users and secure the records, and the librarian can receive a message from the users. This system may give an advantage to Novaliches High School among other schools. The library management system was designed and implemented using the Visual Studio and My SQL database. The system was developed using the systems development life cycle (SDLC). The researchers used the SDLC to plan the project. The SDLC is useful in making a project because without it, the format or the order of making the project will be messy. In the visual studio, the researchers created a system that starts with logging for the admin to use the system. After logging in, the admin will manage book transactions. Managing books refers to managing the books or reading materials that were borrowed or returned in the library. This function is important to monitor the in and out of the books from the library. This project was successful, and all the features or buttons in the system were functional and can be used by the client anytime in the library. Many students will easily borrow books and other academic or nonacademic reading materials. The results showed that the system should be improved to cater to the students' necessity because the library management system focused on their demands and wants. The library management system in the library, specifically in Novaliches High School, was extremely useful, safe, and friendly. This system can also help the administration, facilitators, students, educators, and other employees, as well as people who use the library in the mentioned school.

Keywords: visual studio, MySQL

Configuring Basic Setting in Connecting Personal Computer to Switch Hub

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Abstract

The importance of our research is to properly connect the ports and arrange the colors of the RJ45 and connect it to the switching hub to provide the computer with a network or Internet connection to access the hub. We need unity for working on this project to help each other. This hub provides data to the PCs, and the connection must be ensured to avoid data loss. This is a question that needs to be answered. This is the design of this project, how it works, and what are the project procedures for connecting switches to a personal computer (PC). Adjusting the RJ45 to correct the colors to be inserted into the RJ45 should be correct; when it cannot work because the colors are being configured incorrectly, check if there are mistakes or errors. You should always be alert. When your project fails, your project will not work. We must have a process in place for the project to work well. We should use AVR to maintain the voltage supply of the PC to 220 V. The results of our research showed that the network was well-configured to connect the PC to the switching hub because each result was carefully organized. Thus, there are things that must be completed by the hub and PC. For RJ45, all members must come up with this topic because it should be addressed by everyone. An ethernet hub, active hub, network hub, repeater hub, multiport repeater, or simple hub is a network hardware device that is used to connect multiple ethernet devices and make them act as a single network segment. The switching hub is always used in computer shops because it takes the Internet or network needed on PCs. PC configuration should be a step-by-step process for computers to operate and not to be misconfigured, and the ports should be in the right place.

Keywords: configure, basic setting, switch hub

Proposed Office Procedure for Human Resource Department of Educational Institution

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Abstract

The Human Resources Department (HRD) is the department that deals with hiring, administration, benefits, and training of personnel. HR is used to describe the people who work for a company or organization, and the HDR is responsible for managing resources related to employees. In this research, the readers will see the functions and roles of the HDR to achieve the goals of Bestlink College of the Philippines. This paper also stated the different services that the HRD can offer to the employees. This research was conducted to provide and equip the readers with knowledge. The HRD is the lifeblood of the company because its job is to ensure that the institution gets the most out of its employees. In other words, the HDR needs to provide a high return on the institution's investment in its people. The researchers conducted an interview, survey, and collected some information on their manual. By using this process, the researchers identified the company's information, functions, flowcharts of their transactions, employment per position, qualifications, and various services offered by the department. The researchers proposed procedures that improve the services and ethical value of the HRD to ensure that the vision of the school, which is to have total customer satisfaction, can be reached through the proposed process and improve the service being given. The researchers proposed a new procedure to improve the current services inside the HR department. The proposed procedures will not affect any of the policies inside the company, specifically in the HRD. It will not go beyond the limitations of the rules and regulations of the company. Each proposed enhancement gives an advantage to the HRD where the study has been focused. It will help produce services that will make the company more effective. The HDR is one of the most important departments in any company. Its main task is to ensure that the business gets the most out of its employee. The implementation of the researcher's study, assure that the given solutions to the problem are feasible as the current procedure shows. The researchers proposed enhancing the current services of the HRD. With this operation, they will experience improvement in their department and with themselves.

Keywords: human resource

Hotel and Restaurant Management: Fleet and Vehicle Management (Logistic 2)

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Abstract

This study focuses on the transaction of logistic transactions of hotels and restaurants, which improves audit management, procurement, MRO, asset management, and fleet and vehicle management. One of the most important departments in the operation is fleet and vehicle management. Technology helps businesses speed up business transactions. Internally, this department can also help the business to have a faster transaction between other businesses by using information technology with minimal manpower. It can also reduce the cost of operating a business. An enterprise information system is a must-have for businesses that seek faster and more efficient transactions. Proponents assumed that implementing a system would avoid human error. The proponents solved the issue, provided an accurate and user-friendly system that can be accessed by the users, such as the fleet manager, fleet staff, and dispatcher, who maintain a smooth and efficient flow of the operation. Choosing the right methods is fundamental to obtain accurate results. The team chose the agile scrum methodology to develop a functional system for fleet and vehicle management. Agile methodology allows for a faster development cycle and transparency between the product owner and the scrum team. Every team member has an assigned task to finish, and the completed sprint should be tested and deployed. The proponent used unit and integration testing to determine the capability and functionality of the software. Unit testing was used to test the software per module. With the use of cloud services and an online information system, the processes of delivering items from warehouse to hotel have been streamlined. Hence, it will be easier for the employees to track deliveries and certain items inside the deliveries. One of the problems of logistics is the tracking of goods with the use of cloud service. Any user that has access to the system and has sufficient credentials could access the system and view the information of a particular delivery or good. The researchers concluded based on the outcomes of the research and observations on fleet and vehicle management, which was evaluated by an Information Technology professor. Moreover, recommendations were based on the finding and conclusion of the study.

Keywords: methodology, agile scrum method, streamlined

Inventory System for Chocol8's Hub

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Abstract

The development of an inventory system for Chocol8's Hub was made to establish a system that aims to solve the problem that currently exists within Chocol8's Hub. Chocol8's Hub is located in Karuhatan, Valenzuela City. No existing system signifies difficulty in making inventory transaction, thereby resulting in a delay in making reports. The security is also lesser with the manual inventory. Hence, keeping track of the ins and outs of products is another problem that should be considered. To solve the existing problems, the researchers proposed the development of an Inventory System of Chocol8's Hub. The researchers conducted a meeting to brainstorm and plan about when they will start the interview. The researchers analyzed the system that they will develop, such as what the system should and should not have. The researchers analyzed the features of the system that the company needed. The researchers listed all the designs and created a checklist of what they will approve and disapprove. After deciding all features that they will put in the system, the researchers started to develop the system, learn the codes, and also analyze the problems. The researchers gave most of their time to test the system and make sure that it will be perfect and will not go wrong when used by the company. The researchers implemented the developed system. The researchers also explained and taught the client how the system works and what will be the solution if some errors will happen, unless if the problem is too much for them to handle. To maintain the good state of the system, the researchers left their contact information to the company. The researchers developed an inventory system to lessen the time needed to do inventory. The researchers also ensured the security of the system to make sure that no one can use it except for the person that has been trusted to use the system. The study aimed to manipulate the inventory processes of Chocol8's Hub to easily monitor the products, simplify the process of making inventory reports, and generate precise inventory reports on time. Such objectives will be a huge help in maintaining an efficient flow of operations while generating fast and accurate reports needed for submission and compilation.

Keywords: inventory

Reservation System for Hotel Fox

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Abstract

A hotel reservation system is a platform for users such as customers and admin where customer can book their desired room. The summary of the whole system is how it works in today's world. In our study, the problems of our client are handling data accurately and data lost because they use a manual process. Our objective is to spend less time searching and retrieving files and increase the security between the management and staff. First, we interviewed our client to collect information. Then, we want to know their problems in their hotel reservation process. We decided to develop their reservation system as a computer-based system to allow the hotel to provide quick service for guests. The process of our hotel reservation system is as follows. The user must log in to the system access the dashboard. Then, the user will see buttons, such as registration form, reservation form, and list of customers and available rooms. Each button has its function. A hotel reservation system plays an important role in Hotel Fox because the hotel greatly benefited from our proposed system. They will not use a manual system to store customer's status and room availability anymore. They will have a great advantage on their time-consuming task to find the information of a single customer.

Keywords: hotel, reservation, reservation system, client

Room Rate Management

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Abstract

A hotel management system (HMS) facilitates the management of hotel operations and function that provides quality and standard services to the customers. One of the subsystems that are included in HMS is room rate management, which generates a particular rate of rooms and ensures that there is appropriate rate parity across all selling and distribution channels. The three submodules are standard room rate, seasonal rate, and room rate tariff. Standard room rate discusses creating the normal price of a room where the hotel charges the customer. Seasonal room rate is those that undergo alteration from the standard room rate or the basic price during the specific event a year or a certain season. An example is a rate that is typically higher because the particular destination is desirable; however, the price should drop to encourage more guests. The seasonal rate is generally categorized. Peak season demands the highest room occupancy, and low season is when the demand for a room is low. Lastly, the room rate tariff is needed by the marketing team to provide detailed information about rooms and services along with their rates. The developer used the agile scrum methodology that is relevant, systematically approached used by the developer with less, and reduces the overall risk in software development. The developer marked a plan and conducted a preliminary investigation through interviews and gathered information through the Internet. In terms of the interface, the selected member of the developer team designed different phases of the user interface and developed and settled up the codes for all data entry up to the procedural process. The proposed system was tested and analyzed; the system met the accurate output. As the result of system development, the system fulfilled the need or the concerning the improvement of the existing system. The room rate management system was useful to users. Otherwise, the system development served as the basis for the future researcher's related topic. The developer team concluded that the proposed system will satisfy and benefit both HMS: Core 3 Room Rate Management and guests. For the convenient use of the system, the developer team assured the users that all the performing works were done automatically and systematically through the agile methodology.

Keywords: HMS, standard room rate, seasonal room rate, rate tariff

Proposed Library Borrowing and Returning System for Kalayaan National High School

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Abstract

A library borrowing and returning books system are helpful to Kalayaan National High School (KNHS) because the school still uses a manual process in recording borrowing and returning of books. Many pieces of paper are required to fill up the requirements to borrow a book. Thus, this system tends to replace "paperless" transactions and will make any transaction easier and faster. The offline library borrowing and returning books system do not need an Internet connection; hence, it will help KNHS to secure all the books to be returned. This will help them also to have an organized borrowing and returning process that they need to apply in their library. This chapter will discuss the research methods available for the study and what should be used in response to the statement problem in chapter 1, which is directed toward the ability of the borrowing and returning books system to motivate the students to return the books to the library by using a high-quality process. In the planning stage, the researchers gathered information, determined the needs for the system, identified the risk of the project. In the implementation stage, the proponents started coding according to the client's needs. In the testing stage, the researchers started to search for an error in the system. In the documentation stage, the proponents documented the improvement of the system. In the deployment, the proponents deployed the system after it has been approved for release. Lastly, in the maintenance, the researchers maintained the system if any issue comes up and needs to be fixed or any enhancement should be done. The researchers developed the following deliverables: (1) log-in form, which is for the administrator who controls the overall system; (2) borrowing form, which is the form that users should fill up to borrow a book; (3) returning form, which is the form that should be filled in when returning a book; and (4) history/records form, where the admin sees all the records of all borrowers. The library borrowing and returning books system will help the school to have a proper and formal set in using the library system. The Librarian will recognize the students when the books were not returned yet. In this system, the students will have a formal log-in when they borrow books, which means less hustle when returning them. Upgrading and innovating are the key factor that is for an efficient and convenient system.

Keywords: borrowing and returning system

Maintenance, Repair, and Overhaul

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Abstract

In the past years, hotel and restaurant-related businesses use manual processes, such as booking, reserving guests, taking orders from customers, monitoring assets, and having high risk in preserving goods. The calculation of salaries of employees/workers is also time-consuming. The manual process also had the disadvantage of losing important records/information because of paper durability when used in recording. Maintenance repair overhaul (MRO) refers to maintaining the vehicle's parts into their original forms and inspecting or checking every part to see if there are damages or broken auto parts to fix or repair them immediately. Overhauling is necessary to change the damaged parts into new ones. The MRO focuses only on the fleet and vehicle management of auto parts. The researchers used the agile methodology. The researcher properly used all the stages to finally meet the desired system. The scrum team was given 2 weeks to accomplish every sprint up to completion. In the past year, the MRO workshop used a manual process that slows down the transaction process because the information is not arranged in the order of the transaction type. It was mixed with the information, and it had to be manually searched. It takes time to find the specific information about the transaction proof. The researchers planned to create a system that will make the transaction fast and easy for the client and the person operating the system, that is, the manager, staff, or engineer. If they want to search for specific data or information, then it will easily show up. It can also filter the information of the transaction. The purpose of this project was to present a newly upgraded system and help the client and the employee. This newly developed system focused on improving the quality of services to the guests for better results. It would also help the employees by making the transaction fast and efficient. The problem with the existing system served as a basis for the development of a new and more innovative system.

Keywords: agile methodology, team, framework

Guide in Selecting and Purchasing Parts of Local Area Network with Tutorial to Establish

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Abstract

This project is a guide on how to select, purchase, and establish a part of the local area network (LAN), which includes actual computers; their network interfaces; and all switches, hubs, routers, and other special-purpose bits of technology that route your communications. Finally, there is a cable or its wireless equivalent. All these components work together to create functioning networks. This chapter focused on selecting and establishment of appropriate LAN parts for a network. This technology included some interesting modern alternatives, such as wired networking and wireless networking. During the planning stage, we prepared a questionnaire to survey the respondents and gather information to buy good-quality parts of LAN. We also selected the needed length of the area network. In the development stage, we prepared a comparative table of all available LAN parts in the market. Afterward, we established a LAN for tutorial parts. Intelligently sharing means that each computer that shares resources with another computer or computer maintains control of the resource. Thus, sharing a single printer between two or more computers does not qualify as a network device; a computer does not know when the other one needs to print and can potentially interfere with each other. You can share or access many different types of devices over a network, but the most common devices include the following: printers, storage drives, modems, cameras, media players/recorders, and game consoles. This paper is a guide in selecting/purchasing parts of LAN. This is our way to inform our client on what parts or what is the appropriate way to set up the LAN because it is a form of computer and component in a single office or building.

Keywords: guide for purchase, parts of LAN

Enrolment System for Brixton Senior High School

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Abstract

The enrolment system allows you to identify which applicants are the best fit for your institution by comparing in-system parameters, such as their age, location, and course of interest. The enrolment system will provide admin enrolment assistance. According to our interviews, the researchers learned about the various problems of their manual enrolment, such as a large number of paper works and lack of security due to their frequent use of papers. A computerized enrolment system is important for the client to make their work easier and to secure all the data of the students. The researchers recommended that the enrolment system should be used primarily by the registrar to make their work easier and fast. The researchers indicated that in terms of providing data storage, instead of storing information in papers, the system will keep it safe. A schedule form should be used to maintain the organized process of enrolment. A log-in form should be created to secure data access. A search bar should be included to easily search for the students' names to ensure if they have already registered. These features will help make the user's work easier. The researchers provided an enrolment system that can be used by their clients. The enrolment process is much simpler because various features help the user, such as the search bar to easily find student's information. A log-in form can be applied for the specific use of the admin. The researchers received good feedback from the clients because they liked the system. After all, it works well and is user-friendly, thereby making their enrolment process faster and more secure. The researchers discussed how to resolve the problems they are having and facilitate their work. We can solve the clients' problems, but it depends on them whether they would accept what we did or not.

Keywords: student, data, registrar

Customer Relationship Management

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Abstract

A hotel restaurant management system (HRMS) is a business that caters to the different needs and wants of the guests. The subsystem of customer relationship management (CRM) manages the guests' needs, such as complaints, promos, events, and discounts. CRM has sub-modules, such as newsletter, guest profile, guest loyalty, complaints, guest database, travel agent/corporate database, and SMS and email notification. A newsletter is a way to show the customer current activities and promotions. The guest profile shows the record of the guests. A guest database stores the basic information of the guest. Guest loyalty is the strategy to have more guests. The travel agent/corporate database is the list of third-party agents on the hotel. SMS and email notification are the way to communicate to the guests by giving those newsletters for upcoming events and promotions and sending feedback about the action of the complaints. A complaint is the recording of dissatisfaction of guests about their experience, facility, and service of the hotel. The agile method was used to build the proposed system. The developer team initialized requirement analysis to gather data and conducted a formal consultation that helped in building idea the proposed system. Document and prototype design was used to plan a solution for the problems specified by the requirements of the proposed system. Iterations, demo, and feedback in this phased the specific needs and wants of the company. Identify defects and resolved bugs determined if the function reached the requirement. The production and technical support of the proposed system must be completely functional. As a result, the developer team successfully provided what the client needs to do their daily activities. The developer team created a well-designed system to give the needed features and perform the daily work of the user. The CRM should manage the needs of the guest, and the developer provides those needs. This project study is still a work in progress and has many ways to be improved. Future researchers can use this project study as a basis for this study. The developer team created the proposed system where HRMS Core Part 3 CRM and guests will benefit. Agile methodology helped lessen the time consumed for developing a stage of the proposed system. As a result, the developer team created a proposed system with completely functional features.

Keywords: newsletter, guest loyalty, guest profile, complaint

Proposed Office Procedures for the College Registrar Department of Higher Educational Institution in Quezon City

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Abstract

The office procedure has an important role in every company, institution, or organization. It serves as the set standards of procedure that employees should follow for an effective and efficient workflow. It aids the employee in how they will act and manage the work. The active participation of the staff, record officers, and the registrar itself have a huge role in gathering important school records, which is important for the operation of the school. The office is responsible for maintaining, upgrading, and evaluating the academic records of the student. Through the office of the registrar, the stakeholders can obtain valid information, which serves as a tool in improving and attaining academic and nonacademic programs, which can lead toward development and innovation. The researchers noted the possible problem in the process during an observation. The researchers distinguished how the key persons inside the office tolerate the enrollees without complete documents. Problems on the dropping of the subject process are also present. The student will drop the subject without notifying their parent/guardian. The researchers conducted interviews and observations to study the workflow in the College Registrar Department. The researchers rearranged the enrollment process of Bestlink College of the Philippines to avoid chaos and back and forth, which results in a long queue and helps the Registrar Department to ease the transaction for both students and record officers. Meanwhile, the student paying the miscellaneous fee will also pay for the medical fee at the cashier at the same time. To ensure all the students will undergo medical examination for the process of enrollment for old and returnee students, the researchers added a process, which is advice from the Dean/Dept. Head to enroll the back subject of the student as early as they can. The researchers recommend to the name and signature of the parent/guardian in the dropping form was also the photocopy of valid ID. The researchers recommended that the Registrar's Office will give a list of the student who is incomplete in the requirements needed to submit in the registrar office to the Dean/Dept. Head. The name and signature of the parent/guardian in the dropping form and photocopy of valid ID should be indicated. Advise by The Dean/Dept. head advised that those students who have a failed subject should enroll as early as they can. The researchers recommended that the system used by the Registrar Department will be upgraded.

Keywords: college registrar department

Proposed Enrollment System for Bestlink College of the Philippines

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Abstract

The Enrollment System in Bestlink College of the Philippines has a very important role in this campus because it can manage and retrieve information, compile data and dependencies of enrollee of the student. In this study, the researchers conduct an innovation of system to provide a better system to avoid errors and bad circumstances to the continuing growth of the school process. Also, the enrollment system has a new feature to be more fully functional and stable between students, registrar, teachers, and the entire campus. The group implemented the systems development life cycle approach. The important stages during the implementation of our system included the following: planning, to prepare questionnaires to our client through qualitative research procedure; analysis, to know the business transaction of the existing system; design, to arrange the system similar to a flowchart, proposed user interface, features of systems, and transitions of the system; development, to assist all programming codes and design to develop the system; and implementation; to guide on how to use the system by applying user manual or conducting seminars and meetings. The testing and Integration and Maintenance are important to evaluate our system to ensure the effectiveness of utilizing the system to our client. The system is easier to use and hassle-free procedure to ensure that our client is advance to utilize the system. The system also has a relational database management system using schema design, primary key, unique and foreign keys to avoid data redundancy. In the log-in form, the researchers logged in with attempts to log in without knowing the credentials. The system has no delete feature to avoid the ghosting of data feature to alter the data effortlessly. The computerized enrollment system can help the campus to make an easier way of enrolling the students and lessening the time consumed and workable process of their enrollment, to make the student files to be more organized and secured. It also has a database to organize the information collected by the system

Keywords: enrolment, proposal, computerized, organized, process

Proposed Medical Information System for Bestlink College of the Philippines

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Abstract

The researchers conducted a study in Bestlink College of the Philippines about the medical information system to create a new and improved system that will help the client to lessen their work and store the data privately. The system will also keep the history of the students and can search the student's data easily. A new and improved medical system that the researchers proposed will help the client to ease many paper works, protect their data security, and ensure that the information of the student that will be put in the system is secured. The system will include the circulation of the system, such as the name of the student, section and strand, gender, age, name of the staff-in-charge, and the time/data in/out. The first stage was to find a client that will become the user and support the statement that the researchers will input in the given information. The researchers made sure that before the researchers, they have the evidence in hand or the questionnaire that will be the basis of their proposed system. The last will be the introduction. After the client gathers all the data that they need, they have to start making an introduction by using data they gathered from the client. First, the client has to analyze the data that they gathered to make sure that all of the questions were answered. After analyzing, the client has to specify what will be the problem and what will be the objectives. For the researchers to gather information easily, they have to brainstorm to specify the problem. The programmer should be the one who will encode all the functionality of the medical system. The development proposed will be the initial phase where the system analyst and programmer start to make the system. Maintenance happens when the client will have a request to improve the feature design to the system that they will need. It includes the repairmen of the system where there is an outcome, which is experienced by the user. The overall outputs of the medical information system have a huge impact not only on the students but also on the admin. The transaction of the client is rapid now, and they do not need to exert effort when finding the history of the student and the benefit of the proposed system

Keywords: improved medical system, computerized medical system, medical information system

Proposed Inventory System for Bestlink College of the Philippines

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Abstract

Bestlink College of the Philippines is one of the largest schools that need to monitor all equipment, but the staff has difficulty sorting and searching the logbook to find the equipment easily. The school can monitor their stocked products and keep an accurate record of the stockroom supplies. Bestlink College of the Philippines can organize and manpower needed to facilitate the inventory process. The inventory system tends to replace the best transaction with good and high-quality products in the school's business and future growth because it will make any transaction hassle-free and effortless. The researchers used the systems development life cycle method as a process in which the researchers will complete the project. In system planning, the group will start to plan the things to do in the completion of the project. In the requirements analysis, the system analyst interviewed the client. The researchers will start to write down the things they encounter in the existing system. In system design, the programmer will start to jot down the codes and design the system, which may solve the problems. The problems that the researchers have gathered will be answered in the development of system implementation. The researchers will implement the proposed project to the client. The process that the researchers used in pilot conversion where the system will be implemented in a particular branch. In system maintenance, the researchers will suggest if there is a need to update the system or the system itself needs to be updated. The login form is important to access the system. Two users can access the system, that is, the admin and the staff. After the users performed, the login will appear. This is where all transactions begin by filling up all the records. Book form has table records, n button update, edit button, and a delete button. Choices that which similar to the booklet and uniform forms are provided on the left side. In the account form, people who can access the system are visible. The registration button is also observed. In the registration form, the user can create an account to access the system by filling up all the blank spaces and choosing whether they logged in as an either admin or as a staff. The audit trail is where all the login and logout processes can be seen. The researchers will meet the expectations of the client, sorting the equipment will be fastened, decreasing time consumption by using the system, and resulting in a stronger and more improved security system.

Keywords: inventory, stocking, organized

Marketing Management System

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Abstract

A marketing management system processed the developing strategies and planning for the project or services, advertising, promotions, sales to reach the desired satisfaction, and needs of the customer. The marketing management focused on the practical application of marketing orientation, techniques, and methods inside enterprises and organizations and the management of the firm's marketing resources and activities. A marketing management system is an important functional operation in any type of organization. The basic objective of the function of marketing is to satisfy the wants and needs of its customers. To achieve this objective, the organization engages marketing personnel to plan product, price, promotion, distribution, and credit terms to the customers. The proponents used the agile scrum methodology, which is a software development methodology that centers around the idea of iterative development, which is a method that required solutions that evolved through collaboration between self-organizing cross-functional teams. The created software project delivered value faster, with greater quality and predictability. It enabled an organization to adjust smoothly to rapidly changing requirements and produced a product that meets evolving business goals. It has a series of sprints in which every sprint has multiple tasks with a restricted time duration that developed a functional system. The proponents found out that the full content and information of the marketing management system to all users gives the appropriate predicting technique that is utilized based on the information. It helped plan and control the process. The proponents provided a user manual to be used as a guide to using the proposed system. The proponents ensured that users will be satisfied upon using the system. This study indicated that the marketing management system is an important functional operation in any type of organization. The basic objective of the function of marketing is to satisfy the wants and needs of its customers. The objective was achieved by the organization that had marketing personnel that planned the product, price, promotion, distribution, and credit terms to the customers. Marketing management aimed to become the most profitable energy marketing and provided quality in marketing converging strategic planning.

Keywords: marketing management

Hotel And Restaurant Management System - Core Transaction 4

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Abstract

A banquet is a large meal or feast, complete with main courses and desserts. It generally serves a purpose of handling events, such as charitable gathering, a ceremony, or a celebration, and is often preceded or followed by speeches in honor of someone. A banquet is a large catering activity where foods and beverages are served for a pre-arranged number of people on a pre-fixed date and time, with an agreed menu and price. Through the use of the agile scrum methodology, the development team started the research by conducting interviews and determining the needs and wants of the product owner that will be incorporated in the development of the wants of the proposed CORE system. The project as a whole was divided into sprints wherein the development team is required to accomplished every sprint based on the given time frame up to the completion of the whole project. The research conducted by the development team identified the scope and limitations of the banquet system and the problems of the company. Hence, the researchers created a system that will help monitor the raw materials and products. To provide this kind of service, the developers will give a system that is related to the business process of their organization. The developers will also provide a system that will have high security to avoid intruders and leakage of information and follow the Data Privacy Act that is required to secure the personal data of any user. The developers will also integrate the system to pass and receive data from another subsystem. Based on the results, the proponents showed the possibilities of creating a system that will help innovate young aspiring innovators. The use of a cloud-based system will reform the IT industry and upgrade students in innovating simple ideas into a finer community.

Keywords: management system

Hotel Facilities Management System

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Abstract

The hotel and restaurant management system (HRMS) is a software application that helped carry out the tasks that should be accomplished in the hospitality industry. The HRMS has modules, such as human Resources, Logistics, Finance, and Core. The HRMS is a subsystem where you can manage and monitor every facility of the hotel. This subsystem is a part of Core 3 in the Core module. The five subsystems of the hotel facilities management system are Management, Monitoring, Report, Inventory, and History. Management refers to managing the facilities where you can change the status, add facilities, and edit the information about the facility. Monitoring refers to monitoring the facilities where you can check the condition of facilities. The report refers to creating the report for another submodule that can help maintain the good condition of the facility. Inventory is the itemization of all items in the facility and categories of amenities. History refers to have records of all log-ins in the system. The developer created the hotel facilities management system by the use of the agile methodology. The developer identified all the processes of another submodule to collaborate ideas of each member; each member has to finish the task assigned by the scrum master within 2 weeks. Each completed task of the lead programmers has to give a function to deploy the completed system. The developer deployed the created system by the use of the agile methodology in good condition, complete function, and finest state before the due date. The developer concluded that the use of agile methodology is helpful to fine-tune the submodules of the hotel facilities management system.

Keywords: hotel facilities management system, agile, scrum master

Hotel and Restaurant Management System: Administrative (Policy and Disciplinary Tracking)

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Abstract

The hotel and restaurant management system have a subsystem called Administrative (Admin). Administrative management is the system of arranging, sorting out, organizing, and controlling office procedures that are viewed to accomplish business targets and are concerned about the proficient and viable execution of office work. The research focused on policy and disciplinary tracking inside the administrative subsystem. The policy and disciplinary tracking system handle the process of implementing policies and tracking individuals that disobey policy/commit violations within the company. Agile scrum methodology is an iterative and incremental agile software development framework that manages product development. The scrum master and development team are responsible for managing the entire project, removing hurdles that may affect the goals/deadlines (sprints), and all works necessary to delivering a potentially releasable "increment of done product" of the project. The conducted research by the development team created more opportunities for clients that meet their needs and demands. The development team concluded that the knowledge will be only provided by the development team to know a better process and make a good process for the system. The proponent identified certain problems such as implementing policies on a given schedule, tracking complaints, and involving people, thereby generating reports. Hence, the proponent developed a system that will resolve the problems to help and innovate the Administrative process. The proposed system study focused on the process of implementing policies and tracking an individual who disobeys the policies and commits violations, which leads to a complaint and generates reports. The system can assure future researchers that this work will be helpful, would perform effectively and efficiently, and assure the security of the different data that were stored.

Keywords: agile, administrative, policy, tracking, innovates

Sharing Internet Connection for MV Campus at Bestlink College of the Philippines

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Abstract

This research project is gathered by qualitative data on how to share Internet connections inside the MV campus at Bestlink College of the Philippines. Most prior studies are about Internet technology for learning purposes and contemporary education to develop the country. This research paper showed the positive value of how to share Internet connections in our surroundings by implementing a project for academic research and students' learning. This study examined the effectiveness of having an Internet connection in the school not only as a tool but also as a field of research that contributes to the evaluation of equipment faster and easier. In this research, the tools used to gather information were surveys and interviews. The researcher used a waterfall development cycle. The researchers surveyed to obtain additional information from people inside the MV campus. They interviewed teachers and other staff to obtain additional information for this project. The result of this research will benefit the teacher, student, and other personnel inside the MV campus. It will create an opportunity to do the things they need to do by using the Internet connection inside the MV campus. To connect the computer to the Internet, you have to click the start button, choose the control panel, then find the network and the internet section, and choose to connect to the Internet. Then, you have to choose what connection you prefer, whether dial-up or broadband, and then you need to go to Internet explorer and connect. To share the Internet connection to the computer first, you need to plug the ethernet cable from the Internet source to the WAN/Internet port on the router. Then, you have to connect the router to the switch with an ethernet cable and then turn the router by connecting to a power source. You need to change the computer's IP address to another IP address that is in the same network as the router. Then, you need to open a browser and enter the IP address of the router, enter the user's name and password, set the type of Internet source, and then set the LAN configuration. Once you finished restarting, you have to set the computer's IP address back to automatic.

Keywords: sharing, internet, connection

Proposed Student Information System for Bestlink College of the Philippines

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Abstract

The researchers made a system entitled "student information system" (SIS), which provides ease of access to the user. It makes it easier for the registrar's office to retrieve information and make transactions for the students. The system improves the traditional manual process. Most universities switch to the SIS in the registrar's office because of its effectiveness to acquire, process, store, and retrieve information by their files. Moreover, the system is accessible to the registrar's administrator in Bestlink College of the Philippines. The proposed SIS would be a new way of record management and transaction process that would achieve efficiency in processing student's information. This system would be a great help to the administrative personnel in the registrar officer that is in charge of updating, retrieving, and generating student's data. The proponents interviewed the client to know how SIS functions, specify the problem that they encounter, and provide a solution to the given problems. The proponents used different instruments to gather relevant data for the development of the SIS. The instruments used were interviews, research, and reading an example project. The proponents planned as a team to address the problems that they need to solve. The researchers studied the process of every transaction and business hours. If anyone has an opinion or suggestion, then the programmer can use the information that has been studied, and the researchers can find the source code and conduct an advanced study. The result had to accept the process and generate reports of the student accurately. This system provided all the critical information on a single platform. This system will resolve the time-consuming problems, such as the processes of data retrieval and monitoring. The researchers developed the following deliverables: (1) log-in form, which is for the administrator who controls the overall system; (2) log-in attempt, which can manipulate and secure the system; (3) main form, which can find or track the student's data in a single platform; (4) add student, which can input all the information of the registered student; (5) search student, which can search all the students that already registered; (6) edit student, which can edit the student's data for accurate information; (7) delete button, which allows the administrator to delete the student's data in case it will duplicate; and (8) audit trail, which can access what time the system will operate.

Keywords: ease of access system, organize system

Establishing Local Area Network in Library at Bestlink College of the Philippines MV Campus

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Abstract

Technologies are now rapidly growing, and traditional libraries take more time to transfer data from one place to another. School libraries are adapting to deal with change within a year by establishing local area network (LAN) libraries, which helps them to work easily, save time, and smoothen the processes of the services. This research used a development cycle with seven phases. We interviewed the office-in-charge in the library. In this project, the tools we used to gather information were interviews and survey questionnaires, which gathered more information about when people use libraries and the accessible information in the library. This research created an opportunity to expand information resources, hasten transactions between each computer, and does not have taken any threat when a flash drive is used to share data. The established LAN can allow people to work together on projects. The hardware can make a network, and the software application can access the computers. The server can manage files, request, or deliver the data to other computers connected and can share a peripheral device that is connected and controlled by the server. The low-cost computers, along with the need to share information and hardware resources in an office environment, lead the development of an inexpensive LAN. LAN can grow for future purposes, the data can be sent to several people to work on the project, and it shares one peripheral device than buying a peripheral for every computer.

Keywords: establish, libraries, local area network, sharing

Proposed Senior High Grading System Created by Grade 12 Students in Bestlink College of the Philippines

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Abstract

The researcher created a system to efficiently compute all the grades of a student for our client and then to finish the work on time. Our client's problem is that their Excel program cannot autosave all data they input in spreadsheets. Thus, we make a system for our client that can save all students' data. To secure our system, only one person can access the account, and the system will always remember the email and password for the security of the account. In the planning stage, we found a client for the system and provided one-on-one questions to gain insight into knowing what to do and what not to do, to put the member in their work to facilitate what they do, and to study the question to make system workable. In the analysis stage, it is necessary to study or evaluate a system; thus, it can be easily put into a system and also think of techniques to put into the system and assess what may be a problem. In the design stage, if the client does not have the data, then it will create an account and be able to register. If there is an account, then the user can go straight to the system. You can put the data of each student. In the development stage, our system assisted all teachers to keep the students' records, avoid losing these data, and make sure that our system is secure. The system is equipped with 3attemp, where you need to remember your email and password; if you forget, then your account will be locked. In the testing stage, a system will test whether or not this is an error to detect the error of the code regarding the system and display it to the client and provide good quality. In the implementation stage, our system ensures that every student's information is secure because whatever you put in it will be reflected in the student records, and we will ensure that they will not have any difficulty in using the system. In the maintenance stage, our system ensures that the data of students from every Grade are properly compiled and each student's information is saved; it also ensures that regardless of how many students you make the grades for, it will still be accepted by our system. The results of the system showed that computing the grades of all students became easy, and all the data about the student are secured in the database. The result demonstrated the need to enhance the current grading system by helping users in encoding and computing grades. Parallel conversion is expanding. Hence, the client will choose the current grading system or they will use the proposed system.

Keywords: grade computation, saving data, review data

Data Sharing at Bestlink College of the Philippines

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Abstract

The advantages of file sharing in a file-sharing environment are a large number of users can access a program as though it is on their local machines but is actually on a single file server. In the planning and brainstorming stage, we conducted brainstorming for our project every meeting to share our knowledge, discuss our project, and search for information that may help our system. We interviewed our target respondents to obtain information. We also surveyed to determine the requirement of a project at the initial stage or access the project result when accomplished. For project implementation, data management is a document that describes your plans for creating, organizing, documenting, storing, and sharing data. Our methodological approach went along with the common limitations of systematic reviews and qualitative methods. For test case 1 (COMPUTER 1), we conducted the objective search in the Control Panel. For the test data, you need to open the Control Panel. For the expected test result, you should access the control panel. Hence, for the actual test result, you should access the Control Panel. For test case 2 (COMPUTER 1), the objective was to look for the Network and Internet. For the test data, you need to open the Network and Internet. For the expected test result, you should access the Network and Internet in the Control Panel. Hence, for the actual test result, you should access the Network and Internet. For test case 3 (COMPUTER 1), the objective is to click the Network and Sharing Center. For the test data, you should open the Network and Sharing Center. For the expected test result, you should access the Network and Sharing Center. Hence, for the actual test result, you should access the Network and Sharing Center. The research can benefit future researchers in the following years. This can help the other students, teachers, employees, etc. This study can be used as a guide to help their study. This chapter reviewed the results obtained through data analysis and provided conclusions and recommendations in the context of the research objectives. The limitations faced during the research study and the direction for the related future studies were also described in this chapter.

Keywords: data sharing

Set Up Local Area Network in Barangay Hall of Brgy. Bagbag, Sauyo, Quezon City

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Abstract

A local area network (LAN) is currently being used by many people in research, school assignment, etc. A LAN typically spans a single building, campuses, and other small areas. Generally, a LAN is considered a small network that exists in a single location. Most LANs connect workstations or personal computers. Hence, many users connect to a LAN and can easily share a file. During the planning stage, the group prepared the questionnaire needed for our client to gather information about the problem encountered without the use of LAN. Our group analyzed the gathered information about having a LAN connection to their hall. It is also faster to transferring or sharing files, thereby decreasing the time consumed. It helps the staff in the barangay hall to lessen the work they do. We also told the client about the possible risk they may encounter during this session. A LAN is extremely common and is designed to stand up. We set up a LAN for the admin and staff of the barangay hall of Brgy. Bagbag, Sauyo, Quezon City. A high-speed transmission capability was used as the basis for a general-purpose data transfer network. There are two basic issues in the LAN design. First, how should the hardware realize the network be organized to provide reliable high-speed communication at minimum cost? With the low cost of the raw transmission capability, care is required to keep the associated hardware costs correspondingly low. Second, what protocols should be used for the operation of the network? After we set up the LAN, we immediately run a test to know the possible outcome of the LAN we set. If there is any problem, then we can fix it. Lastly, we gave them a warranty; they can contact us if the system will pose a problem and we will fix it right away. We also gave a guide in purchasing connection devices with a high specification to lessen the time consumed by the staff. LAN is becoming successful because it is now more affordable and is available like other devices. We also discussed with the client the devices we needed and what was the functions of these devices to the LAN we created.

Keywords: B20737

Employee Payroll System for Bestlink College of the Philippines

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Abstract

The researchers chose to do this project to gain experience on how the payroll functions and the process behind it. The researchers did this project for their client, Mr. Jimbert G. Caballero, because he has a problem with the function of their system. The researchers also created this system to fulfill the requirements for the research subject for Grade 12 students. The researchers had meetings to gather ideas for their system. The researchers also talked about the questions that will be included in the client interview. The researchers also brainstormed regarding the design of their system and also obtained the opinion of their client. The payroll system they developed would manage the record of employee's data, including their timesheets, taxes, wages, and basic pay. Only the admin or client can use the system. The system that they develop can also calculate the amount of time they worked on, their hourly wages or salaries, and their leave days. The system can print payslips, where information such as salary and deduction was included. The design of their system is all about the company of their client because the client's opinion was used by the researchers in designing the system. The system worked well, and the researchers also added some new features, including the formula for computing the salaries of the system. The system works well and the client did not face any error for the system testing. After the system is made, the client suggested some updates for the features. The client said that the system was only 90% done because he has some features that he wants to be added to the system. The client said that "control is functioning well, and the system is easy to use." It can cause less chance of errors in calculating, deducting, and updating the salaries of the employees. The new system created by the researchers reduced the errors compared with the old system. The system created by the researchers is easy to use and secured. Only the admin can add the employee and see the records of the employee. The researchers are still working on their new features for the system. They are also communicating with their client to get his opinion on the features that they will add.

Keywords: employee payroll system, paychecks, payslip, basic salary, wages, pay checks

Establishing Client-Server and Configuration to Bryan John Computer Shop in Bagong Silang, Caloocan City

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Abstract

A client-server model is defined as the relationship between two computer programs that communicate with each other. The clients initiate the communication by sending service requests to the servers. They are typically personal computers (PCs) with network software applications installed. During the planning stage, researchers prepared the questionnaire for their client to gather information about the problems they encountered without the use of a server. The researchers analyzed the information about the computer who has a high specification for the server computer to perform it to produce a high-quality service. A server is faster than the clients when sharing files and has privacy to the files users share. A server directly sends it to the clients who need it. The client sends the request to the server and the server responds to the request and returns to the client with data. In this process, the client is the requester, and the server is used as a service provider. In the client-server system, data processing is being handled by the server, and the response is provided to the client. Having a server PC is easier and secure. Before the client uses a peer-to-peer network, the security of the files or data is not secured because other clients can oversee your files. After all, PCs are connected. When client one sends a file to client three, the data cannot be directed to the client, and client two is the first one who can oversee the data before client three. The privacy for securing data is low. However, when the server is established, the client can control the clients to secure their data. The client is the only one who has an access to the server, but clients do not have access. The server featured higher-powered central processors, more memory, and larger disk drives than client devices. The researcher's client set up a client-server to secure the files and monitored what the user is doing. The researcher also added a guide in purchasing a high specification computer as a server. It is the way to inform the researcher's clients that they need to choose a good-quality computer and discuss how to install the server; it is a step-by-step procedure to set up the server properly. Or how many computers are needed to connect to a server. The maximum number of clients that can be connected to a server is approximately 10–12 clients because the main problem with this architecture is that server cannot respond to multiple requests of the client. As a result, it causes data integrity issues in the system.

Keywords: personal computer, server

Hotel Reservation System

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Abstract

When we were assigned to do this project about reservation, we chose a system that we can analyze and gather information in many ways, such as getting each other's opinions. We also gathered data and information on how the reservation system works. We discussed the programming language to use to carry out the task. We chose to use Java Netbeans 8.0.2 and MySQL as our programming languages. Our task was to develop a reservation system that will make it easier for guests to book a hotel, including their preferred room type, food, bed size, etc. We also created a much easier process that decreases the time one takes to reserve because guests can do it online by using any device that is compatible with such a system. The systems control is easy to use and functions well.

Keywords: easy booking, basic pay, less time

Hotel and Restaurant Management System: Administrative (Visitor Management and Vehicle Reservation)

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Abstract

The Hotel and Restaurant Management System has a subsystem called Administrative (Admin). The admin has a different level of activities with designated modules. The research focuses on Visitor Management and Vehicle Reservation modules inside the administrative system. Visitor Management System is made for recording and collection of visitor data through automated check-in software to help visitors do what they are supposed to do and meet who they are supposed to meet as quickly, effectively, securely, and professionally possible. The vehicle reservation system is all about reserving a vehicle, checking the vehicle availability, and providing statistical data about how many pending and granted requests are made. Using agile scrum methodology, the development team started the research by conducting interviews and getting the needs and wants of the product owner that will be incorporated in the development of the proposed system. The project was divided into sprints wherein the development team was required to accomplish every sprint based on the given time frame up to the completion of the whole project. The developers gathered data and information needed and then utilized them to create a system that is suitable to the necessity of such a newly blooming administrative system and other hospitable industries, such as hotels and restaurants. The system design by the developers resolved different problems such as manual recording of visitor's information, their visits, and manual reservations of vehicles. Visitor management system focused on recording and collection of visitor data to know who is in the facility, who they are visiting, and how long they spent there. The system also has a function for online appointments. The vehicle reservation system focuses on scheduling vehicle reservations for organizations that maintain their pool of vehicles. The system views the inventory of vehicles by type by checking it to the vehicle management to ascertain the availability of a vehicle of the selected type for the request length of time and assign vehicles from the pool in time for its reservation.

Keywords: agile scrum methodology, visitor management, vehicle reservation

Front Office Management System

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Abstract

The hotel and restaurant management system are all about managing a business in the hospitality industry that provides high-quality customer service and works with the employees to provide a smoothly functioning system, which also deals with the systematic flow of hotels and restaurants. It pictures out the step-by-step process of every department. The proponents interviewed the company to know the business plan and how to operate the whole process. As the face and voice of hotel management, the Front Office Department should fulfill its main goal and purpose. This department provides all the wants and needs of the guest inside or outside without violating the policies and regulations of the hotel. The Front Office Department is the first and the last point of the contract of the guest within the hotel. However, the Front Office Department had gradually adapted to this new generation, lacking in the agility that is required to adapt to today's business and market needs. Some factors such as evolving customer expectations, reaching their highest satisfaction, following new policies and regulations, and the need to enter the new geographies or launch new products require the hotels to have flexible systems that can continually adapt and support their evolving business needs. This study found a way to develop and enhance the need requirements, security issues, the role of employees, credentials, and the risk of the software capability to meet the client's expectations. The method used in building the system was agile methodology. The scrum team planned and analyzed the problem of the existing business process and provided a system that consisted of solutions and tested it out to look for a possible bug that is keeping its standard. The outcome of this project was connected to different management modules of core 2, such as Reservation and Booking (to view the guest online reservation transaction), Room Facilities (to manage the room availability), Billing (to monitor the guest's bills), and Event and Marketing Management (to promote the hotel). The flow of this system was getting faster. This study may help people in the academe and other researchers to explore the challenges and face new conflicts within the country. It will also help the hotel practitioners to concentrate on this challenging area to have a better implementation of core hotel software in the future.

Keywords: systematic flow

Hotel and Restaurant Management System - Administrative (Project Management)

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Abstract

This study aspired to have an appropriate system for project management. This study was conducted to create a systematic procedure wherein the system can manage the whole project management. This module focused on initiating, planning, executing, controlling, and closing the work of a team to achieve specific goals and meet specific success criteria at the specified time. The researchers found that the existing system had existing problems, such as a lack of organizing process and monitoring of the project and phases. As studied the problems, we found the solution where we can help in terms of organizing and controlling the project management. Using the agile methodology, the researchers became productive as a whole team. The proponents were given 2 weeks to accomplish every sprint up to the completion of the whole project. Every 2 weeks, each member needs to provide an output for their assigned sprint to make sure that the target time will be achieved until the development will be done. The conducted research by the development team gives way to more opportunities for clients that meet their needs and demands. The proponents successfully created a system that can help and is much more convenient for project managers. The company mostly uses technology and integrated systems to have an easy and convenient way of managing the workforce of the company. The proposed study focused on the selection of contractors, projects, project monitoring, and project budgets. This system can assure future proponents that will be helpful to do massive works and secure the stored data.

Keywords: project management, agile, organizing

Hotel and Restaurant Management-Finance-Disbursement

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Abstract

The hotel and restaurant management covers the hospitality industry. This system includes food service, lodging tourism, and recreation. They maximized the profitability of their business by ensuring quality control and the pleasant experience of their customer. With the large coverage of the hospitality industry and its responsibilities, it needs a flexible and reliable working automated financial system. Finance is subdivided into different departments, which these departments have different functions and obligations; disbursement is one of these departments. With the rising growth of the hotel and restaurant industries, these industries have financial capabilities. The problem arises with how, which, and where does disbursement go to address these problems about payments. The agile methodology was used in this research by the development team according to the specified and requirements to finish the research. The methodology was divided into phases that had corresponding development team members that gathered essential data that is indispensable for the completion of the research. The corresponding conclusion of the research was the creation of the system that solved the relative problems corresponding to the problems encountered during the data-gathering phase. The development team also dealt with some minor technical details and gained insight into how to bring a better working system for further research. With the analysis of the data acquired from the accounting officer and those gathered by other researchers, there is a gap in information that is essential to understand how each finance facet works. The missing information about these departments led to considerable misunderstanding on the development team's side, which caused a delay in the first phase of the creation of the said system. The finance departments were divided into different research teams to cause some problems, especially with the connection of each different module. For example, disbursement can only and would only work if the said system receives an account payable notice from AP/AR, which is under the jurisdiction of another research team. If the said system fails to send the required data necessary for disbursement to work, then disbursement will not work because data are missing in the repository of the said system.

Keywords: AP/AR, Account Payable

Hotel and Restaurant Management System: Legal Management System

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Abstract

In this study, the proponents focused on the innovation of the manual process of the Legal Management module. This study focused on the problem of losing files, such as permits, notice legal letters, and memorandums, manual filing for a case that can take a longer time to solve or see the process, a pile of a load of contracts and legal papers that can be lost in the future, which are the most important files of this study. The proponents focused on developing a system that can turn a load of paper works in a one-click process and paperless system. The proponents used a methodology called agile scrum, which is commonly used for product development, especially for software development. The product owner is the product key that represents the users and customers. The scrum master is responsible for the function and helps the team in uses the scrum process. The proponents' findings were pivotal; most of the hotel industry used the manual process of administration. Having important files with multiple copies may cause a leakage. The proponents came up with an effective solution to solve the needs of legal management transactions and the employees that manage them. The proponents concluded a comprehensive, integrated information system that helps the process, managed, and facilitated the aspect of legal management. The proponents recommended that the problem in a system can be solved by studying and finding a basis to create and secure to help a user good service. The proponents recommended this system because it has user-friendly, accurate, and real-time processes.

Keywords: pivotal, scrum, comprehensive, integrated, accurate

Supply Management System

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Abstract

The hotel and restaurant industry faces challenges. Current trends in tourism, recreation, restaurants, food service, lodging, resorts, spas, special events, conventions, travel, casinos, cruise lines, airlines, and theme parks also arose. Supply resource makes up the main force of the company. Hence, we developed a highly efficient Supply Management System. This study focused on the Core Transaction II. Supply management is the system of supply products that is responsible for the handling of services and supplies and implementing a system that will avoid human error and assure a high standard of supplying of products. This project provided supply information that can be used by hotels and restaurants to make their job easy. A module through one database is the most important distinction to individual proprietarily developed by predecessors, which makes this system rigid and flexible. The developers solved the issue they provided an accurate and user-friendly system that can be accessed by the users. The method used was agile methodology, which is used for the short-term development process. This methodology has a Requirement Analysis, Design Document and Prototype, Iteration, Demo and Feedback, Identify Defects and Resolve Bugs, and Production and Technical Support, to develop the proposed system. The users can easily track the request that can generate and connect to other departments for their needed transactions and information. The researchers followed the methodology and found the importance of having a modernized system for hotel and restaurant companies, which is faster and more convenient that can help the hospitality industry in achieving its goals. This system can develop a new system that can solve all the problems encountered by the researchers in the existing system. The supply management system aims to develop an appropriate system that is easy to use and create. It can lead the hospitality industries to the new development and upgrade of the existing system, which focuses on improving the quality of services to their client for a better result.

Keywords: agile methodology, core, constraints, sprint, scrum, constraints

Document Management System and Document Tracking System

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Abstract

For document management and tracking, the project team is concerned about hastening the productivity of their work to find files or documents and make transactions quickly. The document management system provides an automated way of organizing, capturing, tracking, approving, storing, accessing, and completing tasks involving business files and documents. The cloud-based document management software will even provide you a secure central online repository of your documents where you can easily search and retrieve files. The tracking system is a flexible solution for nearly any organization that needs to track documents and materials that are assigned to a person or location. The best step is to have an application and have it integrated with other departments to hasten document management and tracking to make their work faster and produce good quality services in their daily work. Document management, which is often referred to as document management systems (DMS), is the use of a computer system and software to store, manage, and track electronic documents and electronic images of paper-based information captured through the use of a document scanner. Document management is how your organization stores, manages, and tracks its electronic documents. The method used here was agile methodology, which is applied for the short-term development process. This methodology has Requirement Analysis, Design Document, and Prototype, Iteration, Demo and Feedback, Identify Defects and Resolve Bugs, and Production and Technical Support to develop the proposed system. The users can easily track records and automate giving sanctions; it can generate and connect to other departments for their needed transactions and information. The document management system process is used for organizing, capturing, tracking, approving, storing, accessing, and completing tasks involving business files. The document tracking process is used to track documents and materials assigned to a person or location in this project. Future researchers will benefit from this study because it can give them some significant information that will help them to obtain knowledge about quickly finding files or documents of Document Management and Document Tracking.

Keywords: agile methodology, enterprise, resolve bugs, integrated

Kitchen and Bar Management

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Abstract

This study focused on the operation and manufacturing of food and beverage in a facility. Tracking and monitoring through online transactions ensure that orders are delivered fully and efficiently to guests and customers. This system has different functions and features for quick and efficient service at the right time to prevent any delay. This system has a user-friendly interface for the users including kitchen and bar manager, kitchen and bar staff, head chef, and stock sequin. The proponents of the study used agile methodology; this study was divided into 2 weeks to create a software project. Through the use of the agile scrum methodology, the development team started the research by interviewing the respondents and getting the needs and wants of the product owner who cooperated in the development of the proposed kitchen and bar System. It has multiple tasks that are required for the proposed system. The scrum team was divided into different sprint tasks for each member. Every 2 weeks, the team members were required to provide outputs for assigned sprint tasks per member that need to be completed in the required timeframe. The sprints continued every 2 weeks with the scrum members working together to achieve the goal needed for the system. The Core 1 sub-module included order management with POS, food and beverage costing, kitchen and bar management, inventory management, and restaurant analytics. The proposed system was a more reliable system that focused on and effective systems in other connected sub-modules. The final proposed system was tested and ready to launch. This sub-module provided service through monitoring and tracking the orders from customers and guests. This system can be added for a new menu by the head chef and update the kitchen and bar storage to monitor the equipment and ingredients whether if we have stock. This system provided fast and efficient service through quick and easy transactions that helped guests and customers to order. This report also discussed kitchen and bar management processes and transactions with its other connection modules, such as "inventory, food, and beverage costing." The project aimed to develop a functional system that is more convenient to process the work of the company.

Keywords: kitchen and bar management, agile, tracking and monitoring

Proposed Office Procedures for Guidance Office of Higher Educational Institution in Quezon City

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Abstract

The Bestlink College of the Philippines in Quezon City continuously increases the number of students, which has become a problem for some employees on how to handle them with lesser manpower. Although every organization has a particular way of doing business, administrative staff members rely heavily on established office procedures. Because it tells who does what, and in general, how and when and it specifies work steps necessary assigns, responsibility and relates what one person does to what others do. A procedure is a guide to employees in school on how to proceed each time a particular type of work is to be performed. The researchers enhanced the Guidance Office, Counseling, Testing, Academic Scholarships, and Research and Evaluation services. First, we studied their department through an interview by using our own provided questioners and strict observation. We studied the employees' job descriptions and the kinds of work they offer to students. By gathering information, the researchers can find problems and formulate solutions. We recognized the flaws step by step. After the problem was analyzed, the researchers proposed enhancements to Guidance Office procedures. This proposal is possible; it can make the process of each service of the Counseling, Testing, Research and Evaluation, and Academic Scholarships accurate and fast. Following this enhanced office procedures can help the employees in Guidance Department to give students better service. Nowadays, people are looking for an accurate and faster process of finishing a certain job. Knowledge is increasing, and it makes it possible for us to do easier. Using the new office procedures, the employees can easily follow the flow of work. Similar to getting requirements when you apply for a job in the Philippines, we need to get valid IDs and residency to prove that you are clear. People need to wait for their turn and must have patience before they get the documents that they are applying for.

Keywords: office procedures, counseling, testing, research and evaluation, academic scholarships

Inventory Management System

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Abstract

The hotel and restaurant inventory management system is a hive of numerous functions such as adding suppliers, creating a category for the stock, purchasing and ordering items, and generating reports. The main focus of the inventory is the kitchen and bar, which have all the supplies needed for hotel and restaurant management. The inventory management's main focus is to locate and monitor the current supplies and their expiration dates and give the up-to-date counts of stocks of each category or item that the company has. The researchers used agile software development methodology, which is a conceptual framework for undertaking software engineering projects; there are several agile software development methodologies. Agile methods emphasize real-time communication, preferably face-to-face over written documents. Agile methodology is an "umbrella term" for several iterative and incremental software development methodologies. It advocates early delivery and continual improvement to encourage rapid and flexible responses to change. The company cannot stop having problems. Thus, the development team interviewed the staff to know what problem the company may encounter. Here are the features of the development team's system that will help the managers, clients, and staff to properly process the work of the company. Supply and demand need delicate balance, and inventory management hopes to ensure that balance is undisturbed.

Keywords: fast stock, dead stock

Hotel Billing Management System

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Abstract

Establishing a business may be easy in the eyes of outsiders. However, from an entrepreneur's perspective, everything is at risk from choosing the line of business to investing necessities. This project aims to give attention to billing's functions, design, and how to make it work. Billing will serve as an official registrar to customer's final bills for every availed service from the hotel and restaurant. The objective of the hotel billing system was to provide the computation of the customer billing information about the hotel services offered. It is a financial accounting concept for business organizations, such as the hotel and restaurant industry, to bill customers for the service rendered. The billing report is utilized by the management to know the income generated. The company cannot avoid having problems. Hence, the developers developed a system called "hotel billing system" that will help the manager and administrator to properly process the work of the company. The developers used the agile scrum methodology, which is a project management system that relies on incremental development. Agile scrum methodology helped the scrum team in planning and implementing the system. The greatest benefit of this methodology was its flexibility. With the sprint-based model, the scrum team received feedback from stakeholders after each sprint. If there were any problem or change, then the scrum team can easily and quickly adjust product goals during a future sprint to provide more valuable iterations. After the system was developed, the system suddenly encountered an error because some of the other modules were connected to the developer's module, especially on throwing data coming from the other modules and uploading the database. However, the scrum team collaborated, fixed it immediately, and solved it on time. The result of the methodology used by the developers helped develop the system. The developers came up with the findings and conclusions and gave recommendations to the hotel. The researchers also presented a system that can provide the computation of the customers' billing information and billing report, which can be presented when needed. Core II Hotel Billing Management concluded that Skyline Hotel and Restaurant Management System have a great impact on hotel operation. The project had a considerable impact on the proponents because of the challenges of agile scrum methodology. Hence, the project is considered successful.

Keywords: agile scrum methodology, sprint, finance, flexibility, iteration, inevitable

Room Facility Management

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Abstract

The hotel and restaurant management system is a type of management system that facilitates the management of hotel operations and functions. The knowledge and understanding of the quality standards of guests help hotel managers improve the quality of hotel services that increased guest's satisfaction in their stay at the hotel. One of the most reliable information sources for gaining customer knowledge is the feedback provided directly by customers to improve the hotel operations, thereby increasing profits. The room facility management is designed to guarantee the best welcoming control service in the environmental aspects. The system keeps the records of room availability and scheduled inspections to ensure the standards of hygiene and safety of the guest to provide excellent services to the guest. It can also provide the needs of customers and help manage the room facility in the hotel. The researchers used agile methodology, which promotes the continuous iteration of development and testing throughout the development life cycle of the project step by step. Scrum framework allows implementing agile development life cycle. The distinctive feature of scrum is the iterative process of development. The developers gathered all the information needed that will help identify objectives in a manner that is constructive and planned. This stage implemented the objectives clearly and concisely. The developers defined the problems and business processes by a given existing system. It will help collaborate and integrate ideas. The developers developed the low components' algorithm design and high-level architecture, as well as the detailed design of the system, which provided the specification of the client. The developers interviewed the respondents, searched information in library, and asked their adviser for suggestions to develop the system and build the main goal objective of the system. This study was innovated through the procedures by following the steps of agile methodology. It can develop a new system that can solve all the problems encountered by the researchers in the existing system. The system can help the users to monitor room availability. The system can create a cleaning request. The system can request the item. The system can discard the item and integrate to it with other subsystems. We recommended this proposed system to IT students in lower years as their guide when they take Project Study. This system may help them identify the process and connection and serve as their guide for documentation. The proposed system for the Core II Transaction of the room facility management system provided a more reliable, accurate, and secured system for the user. The developers found the importance of having a modernized hotel and restaurant management system that can lead the development of the existing systems of hospitality industries focusing on improving the quality of services to the guest for a better result.

Keywords: agile scrum methodology, framework

Restaurant Analytics

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Abstract

Restaurant analytics is a part of the module that can modify the rating of the transactions of restaurants; it can help monitor the sales of the restaurant. Restaurant analytics is the combination of all raw data that is turned into easy-to-use insights that help you make better business decisions. It also creates standardized scorecards to help the restaurant predict sales and profitability by using data sources such as point-of-sale transactions and survey results. To create an excellent system for the company that can produce a quick and reliable transaction, the proponents used the agile method, which uses incremental, iterative work sequences that are commonly known as sprints. Agile uses a timeframe for each sprint; the researchers used 2 weeks as the timeframe to finish sprints. It has a series of sprints; every sprint has multiple tasks with restricted time duration to develop a functional system. The proposed system was tested and successfully launched. Our submodule is the one that provides a graphical report to easily understand the daily, weekly, and monthly sales data by given the point-of-sales data. Restaurant analytics identified the profit margin by using the food and beverages costing that the restaurant owner can monitor and identify their profit daily, weekly, and monthly loss. Our system also has two types of payment, namely, credit card and cash. This system will monitor how many customers pay using the two types of payment. The system provides the overall dashboard from the restaurant to help the owner for the easiest and fastest way to transact. In our system, the owner can view the total product sales.

Keywords: agile methodology, restaurant analytics

Accounts Payable and Receivable

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Abstract

The hotel and restaurant management has a submodule called finance management wherein accounts payable and receivable are located. Accounts payable and receivable are recorded at the time in a transaction that occurs in a day. Payables focus on trade payables, payables for the purchase of physical goods that are recorded in inventory, and receivables focusing on the data shown in a balance sheet. As an asset, it is one of a series of accounting transaction dealings with the billing of a customer for goods and services. In this research, we used agile method, which has a series of sprints; every sprint has multiple tasks with restricted duration to develop a functional system. The scrum team analyzed the whole business process and its connection from other module to create a design plan. After the initial planning for the system, the developers started to create and design the proposed system. After creating and designing the system, the developers will upgrade and develop a functional system. The developer will identify and start trial runs for the system to identify some errors or bugs to prevent discrepancies and redundant data or information inside the system. After the initial quality assurance for the system, the developers pushed out the final product after removing bugs and repairing defects, providing additional support for product users. This research already achieved the expected goals of the researchers. The user may experience a flexible and user-friendly system process. The system also makes sure that the data are accurate, and the real-time daily transaction will reflect to avoid discrepancy and money conflict. The proposed system created a receivable and payable list and journal entry. While creating the journal entry, the researchers made sure that the account titles will be placed according to the designated identity. The researchers suggested that the user must undergo the same seminars to understand the process thoroughly to avoid user risk and other difficulties in the system. User, technical, and security risks are some of the factors that must be solved. Thus, the proposed system may be adjusted or expanded its system functions that can be flexible toward how the client wants it to operate. The researchers ensured that the system can be fully functional and trusted.

Keywords: HRMS, submodule, agile methodology

Hotel and Restaurant Management System: Core Transaction II (Housekeeping and Laundry Management)

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Abstract

Hotel and restaurant management is a business that provides high-quality customer service. Some hotels and restaurants use software to speed up the transaction. The tradition in housekeeping and laundry will always assure a high standard of cleanliness and courtesy of service. Manual file handling is also a major problem that causes slow processes and data loss. The developers must solve the issue and provide an accurate and user-friendly system that can be accessed by users, such as the housekeeping supervisor who is responsible for assigning floor, rooms, and tasks to the housekeeper; taking cleaning requests; and ensuring that the housekeeping maintenance was carried out following the prescribed standard and policies. The housekeeper is responsible for ensuring the task that has been done in order and ensures that all guests are comfortable, safe, and protected. Lastly, a laundry supervisor shall direct, lead, monitor, and control all activities covering linen and laundry service. The developers used the agile scrum methodology that helps us from the start to the end of the project. This methodology advocates the proponents from planning. At the start of the sprint, the developers provided the project plan, sprint burn-down chart, and sprint output. The researchers also planned every single day to track the progress of every sprint. The product owner ensured that all the backlogs of the system were captured. After the system was created, there was a gradual change, especially in throwing data into another module where the data comes from. The process was messed up, but the proponents continued. In a short time, the scrum of every group collaborated and made decisions to solve the problem. The proponents experienced a slow connection in presentation but still made it successful. The developers came up with findings and conclusions and recommended to the hotel. The researchers also provided a system that can monitor and control the status of the room, laundries, and linens; improve efficiency; and expand opportunities. The system can avoid human error and track every detail of transactions and improve data security. Core II Housekeeping and Laundry Management concluded that Skyline Hotel and Restaurant Management System has a considerable impact on hotel operation. The project has a considerable impact on the proponents because of the challenges of agile scrum methodology. Therefore, the project is considered successful.

Keywords: HRM system

Event Management System

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Abstract

The proposed study used the processes of analyzing, planning, marketing, producing, and evaluating an event. It is a different way of promoting a product, service, or idea. If an event is managed efficiently and effectively, it can be used as a powerful promotional tool to launch or market a product or service. Events management requires certain core values to be deployed to every element, process, and decision to justify the professional approach and achieve effective and efficient results. By using the agile scrum methodology, the development team started the research by conducting interviews and getting the needs and wants of the product owner and team. The researchers researched, developed, executed, and created legacy value for what our product owners need and want. This research identified the process and limitations of the event system and the demands of the clients. The proponents identified the problems of the clients to find a possible way to meet the demands of the clients. Hence, the researchers created a system that will help reserve online. The developers provided a system that will have high security to avoid intruders and prevent leakage of information online. Based on the results, the proponents created a system that will help meet the demands of the clients. The proposed research differed in terms of ease of use and systems integration. The use of a cloud-based system reformed the IT industry and upgraded students in innovating simple ideas into a finer community.

Keywords: agile scrum methodology

General Ledger

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Abstract

The hotel and restaurant management system (HRMS) is used to provide the needs of the customers and the company. In the hospitality industry, this kind of system is needed to give what is best for the customer and the fast growth of the business. Finance is a broad term that describes activities and business transaction that involves money. Using standardized guidelines, the transactions are recorded, summarized, and presented in a financial report. A general ledger is used to sort, store, and summarize a company's financial data to help prepare the company's financial reports, such as general journal, general ledger, trial balance, and financial statements. The development team used agile methodology to create this project. It is a type of project management process that is used for software development; it has a series of sprints, in which every sprint has multiple tasks with restricted time duration to develop a functional system. In the agile method, there is a development cycle that should be followed, as follows: requirements, design, development, testing, deployment, and review. The development team gathered information and planned the solutions for the specific problems of the system. The team also created a prototype and proposed to the product owner to get feedback. The team also identified the defects of the system and resolved them to meet the requirements, ensuring that the proposed system was properly working. The development team gathered all of the requirements and information needed for the process of the general ledger system. The team designed and created a prototype of the software based on the information and data gathered. The development team created a general ledger system that automatically provided the financial reports of the company after the insertion of the transaction. This system created by the team lessened the workload and time consumed in preparing financial reports. As a result, the development team successfully created a well-designed and properly working general ledger system. The development team created a general ledger system that provides the needs of the users. The system was designed to perform a general ledger task that will automatically provide financial reports upon inserting the transaction into the system. However, even if this system is properly working, this project can be a subject of upgrading. Future researchers may use this project study as a basis for creating a new project and may upgrade the system.

Keywords: HRMS, finance, general journal, general ledger, trial balance, financial statements

Hotel and Restaurant Management System-Core IV-Safety and Security

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Abstract

The proposed study put efforts in reporting and saving all the incidents that will happen in the companies, such as fire accidents and crimes that will help people to evacuate safely with the help of the safety map that the researcher created. The researchers created a parking monitoring to have a report of all the vehicles parked in the company, including the time-in, time-out, name of the driver, plate number, date, and car model, as well as the facilities status of the company. This research will be helpful to the companies to ensure the safety of the field in work activities and for the workplace to be safe and secure. Safety and security are important in all aspects of companies because these affect an individual's well-being wherein the feeling of being safe is freedom from physical or emotional harm. An individual who controls safety and security should also have the freedom from the threat or fear of harm or danger. The proponents used the agile scrum methodology, which is a step-by-step process that will help the development team managed a project by breaking it up into several stages. The researcher studied through interviews involving constant collaboration with the stakeholders to define a clearer business that is needed or vision that the project is addressed. The development team planned sprints in which the specific tasks and goals will be carried out; it continued improvement and iteration at every stage. The researchers needed to have a clear next step. Once the sprint was completed and features were developed, the system can be launched to the product owner. The researchers indicated that the development team identified the scope and limitations of the safety and security of the system, as well as the problems of the company. The researchers created a system that will help monitor and have reports about the incidents and crimes to easily identify the risks to better be equipped against them. In terms of security and safety, one must be sure that the system is operational and can be monitored. The proposed study identified the risk of safety and security in all the companies, focusing on the shift toward preemptive security and safety measures, such as structural protection. The state of being safe and secure is the conditioning of being protected from harm or other non-desirable outcomes. Safety and security refer to the control of recognized hazards to achieve an acceptable level of risks and to the protection of individuals, organizations, and assets against external threats and criminal activities that can be directed to such entities, thereby rendering them inactive.

Keywords: safety and security

Collection

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Abstract

The hotel and restaurant management system is a hive of numerous operations, such as logistics, finance, and HR. With growing competition in the industry, a hotel should understand the needs of their guest, such as what gets sold most, what the guests demand the most, and what food material gets used the least, as well as results in a loss. Finance is the methodology and software that an organization used to oversee and govern its income, expenses, and assets to maximize profits and ensure sustainability. This system was designed to create, connect, store, and report different types of finance transactions. The collection is the act of receiving payment in exchange for goods or services. It occurred on the spot in a cash sale, while it occurred several weeks or even months later in a credit sale. It has also provided the financial condition of the company or a business. It has a dashboard that displays the total amount of collected sales revenue in weeks, months, quarters, and years of the company or business. The research process used by the development team was agile scrum methodology, which is a method to create a software project. It has a series of sprints in which every sprint has multiple tasks with restricted time duration to develop a functional system. There are five phases in the agile scrum method, namely, brainstorm, design, development, quality assurance, and deployment. Brainstorm is the identification of functions. In the design phase, the development team started to create a prototype for the function. In the development phase, collaboration was made to accept suggestions with the prototype that has been made. In the quality assurance phase, the scrum team and product owner discussed the function. In the deployment phase, the development team relied on the user's feedback. The development team created four core functionalities, namely, dashboard, collection entries, transaction list, and sales comparison. These functions included the display of the total amount of sales revenue collected that can be sorted and are categorized by date and department. The development team successfully created collection department functionalities showing that data were categorized and can be sorted. Future researchers that would study topics related to this study can use this project as a reference.

Keywords: HRMS, finance, collection, collection entries, transaction list, sales comparison

Food and Beverage Costing System

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Abstract

In this study, the proponents were devoted to the basic concepts of costs and sales and their variations and uses. The researchers examined the concept of control, what it exactly means, and what are the many ways we institute Seville no Agile Methodology. The researchers became punctual as a team. The developers were given a specific time to accomplish the given task of the project. Every member of the team was assigned to do a given task within the set deadline and analyzed the process of each method. The conducted research by the development team is a significant priority for any food and beverage operation. By using technology to manage labor, inventory, and loss, operators can increase efficiency while reducing the manual effort needed to achieve maximum control, thereby freeing that time for other priorities. The proponents successfully created a reliable system that can calculate all the expenses and costs of a product that can reduce manual calculations. Many restaurant owners or companies use advanced system software that can help in managing the stock operation of the company. To offset labor costs, two-thirds of independent operators reported raising menu prices, thereby directly impacting the guest's experience. This proposed system focused on managing the production of food and beverage pricing and determining revenue and expense that will help to secure the data process.

Keywords: food beverage costing system

Service Management System

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Abstract

Nowadays, the growth of technology is extremely fast. It has a considerable impact on the field of industry, community, and the growth of the economy. The service management system (SMS) is a dynamic mechanism that may be fully or partially automated or manual and used in service management by a service provider to direct and control resources, activities, and services and achieve and sustainably maintain the desired state of providing value to stakeholders in the form of services over time and through changes to stakeholder needs and what technology makes possible. A SMS is a process that manages new applicants of the company. The Sunlight Manpower Agency implements hire applicants in low positions, such as waiter, room attendant, and security guard. The agency will fulfill the applicant's requirements, job qualification description, and training. The system shows how easy the job is to make the system of Sunlight Manpower Agency work properly. The method used was agile. This method was for the short item development process. This method includes requirement analysis, design document and prototype iteration, demo and feedback, identify defects and resolve production, and technical support to support system development. This project provided Sunlight Manpower Agency with a system to give a fair chance for job seekers. This system was built to make it easy for job seekers to apply and find a job that fits them easily. The outcome of this project was connected to HR Department. The HR admin can access all the processes inside the system, and the HR staff has limited access to the system. This system must have a log-in feature for data privacy. Future researchers will benefit from this study because it can provide significant information that will help them obtain knowledge about the service management system. The researchers proposed to have a fast automated process transaction in the service management system. This study discussed the process of hiring an applicant to be an employee of the company.

Keywords: service management, agency, sunlight manpower

Proposed School Inventory System for Goodwill Elementary School

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Abstract

Stock keeping and checking are some of the major components of any business organization. A user-friendly computerized inventory system was developed for Goodwill Elementary School. The proposed system may help enhance the department in monitoring and managing the stocks of the inventory. Our project focused on improving the school inventory of Goodwill Elementary School into a higher level of processing. The proponents used structured analysis or methodology as a guide in making the proposed system, that is, the systems development life cycle. The proponents concluded that the system is fully operational and dynamic based on the sum of data gathered. This condition is on the premise that it has addressed the necessary automation requirement of the firm after a thorough system study. The system is strong enough to withstand regressive daily operations under conditions where the database is maintained and cleared over a certain time of processing. The researchers completed the school inventory system a functional and accessible recording process for Goodwill Elementary School. The project must undergo a higher level of research to upgrade the system by including other functions of the system and achieve the higher value of the project. The project can be used as a reference for future researchers who will conduct research related to the school inventory system.

Keywords: inventory system

Establishing Wireless Internet Connection in Classroom

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Abstract

Wireless networking is a method by which telecommunications networks and business installations avoid the costly process of introducing cables into a building or as a connection among various equipment locations. Admin telecommunications networks are generally implemented and administered using radio communication. This research paper discussed establishing a wireless Internet connection in the classroom. This paper also discussed what are the devices that are needed in setting up a wireless Internet connection, what are the prices and specifications of the network devices, and what are the steps and configurations that should be followed in establishing a wireless Internet connection. Establishing a wireless Internet connection allowed the student to use it for academic learning. The use of Wi-Fi at school can help students to quickly and easily share documents, edit presentations in real-time, store project files in the cloud, and improve their teamwork skills. The students use their mobile devices, which saves cost. Most schools and education establishments are still using wired technology, which is commonly known as a computer laboratory. By using a wireless Internet connection, the students can easily connect to the Internet by using their smartphones and use them for academic learning.

Keywords: wireless Internet connection, Wi-Fi set-up

Hotel and Restaurant Management: Fleet and Vehicle Management (Logistic 2)

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Abstract

This study focused on the logistic transactions of hotels and restaurants to improve audit management, procurement, MRO, asset management, and fleet and vehicle management. One of the most important departments in the operation is fleet and vehicle management. Technology helps businesses to speed up their transaction internally. It can also help businesses to have a faster transaction between other businesses by using information technology with minimal manpower. Technology can also reduce the cost of operating a business. The enterprise information system is a must-have for businesses that seek faster and more efficient transactions. The proponents assumed that implementing a system would avoid human error. The proponents solved the issue by providing an accurate and user-friendly system that can be accessed by users, such as the fleet manager, fleet staff, and dispatcher, who is responsible for maintaining a smooth and efficient flow of the operation. Choosing the right methods is fundamental to obtaining accurate results. The team chose the agile scrum methodology to develop a functional system for fleet and vehicle management. The use of the agile methodology allowed the faster development cycle and transparency between the product owner and the scrum team. Every team member had an assigned task to finish, and the completed sprint should be tested before it was deployed. The proponent used unit and integration testing to determine the capability and functionality of the software. Unit testing was used to test the software per module. With the use of cloud services and an online information system, the processes of delivering items from the warehouse to the hotel were streamlined; hence, it will be easier for the employees to track deliveries and track certain items inside the deliveries. One of the problems of logistics is the tracking of goods. With the use of cloud service, any user that has access to the system and has sufficient credentials can access the system and view the information of a particular delivery or good. This chapter summarized the study by highlighting the research conducted on the topic. The conclusions given were drawn from the outcomes of the research and observations on fleet and vehicle management, which were evaluated by an Information Technology professor. Moreover, recommendations were based on the findings and conclusions of the study.

Keywords: agile scrum methodology, streamlined

Supply Management System

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Abstract

The hotel and restaurant industry has challenges, and current trends in tourism, recreation, restaurants, food service, lodging, resorts, spas, special events, conventions, travel, casinos, cruise lines, airlines, and theme parks arose. Supply resource makes up the main force of the company. Hence, the researchers developed a highly efficient supply management system. This study focused on the Core Transaction II. Supply management is the system of supply products that is responsible for the handling of services and supplies, implementing a system that will avoid human error and ensure the high standard of products. This project provided supply information that can be used by hotels and restaurants to make their job easy. A module through one database is the most important distinction of this system from individual proprietarily developed by predecessors, which makes this system rigid and flexible. The developers solved the issue they provided accurately by creating a user-friendly system that can be accessed by users. The method used was agile. This method is used for the short-term development process. This method includes requirement analysis, design document and prototype, iteration, demo and feedback, identify defects and resolve bugs, and production and technical support, to develop the proposed system. The users can easily track requests that can generate and connect to other departments for their needed transactions and information. The researchers followed the methodology and found the importance of having a modernized system for hotel and restaurant companies, which is faster and more convenient and can help the hospitality industry in achieving their goals. Future researchers can develop a new system that can solve all the problems encountered by the researchers in the existing system. The supply management system aimed to develop an appropriate system that is easy to use and improve transactions. This system can be used by the hospitality industry to develop and upgrade the existing system, which focuses on improving the quality of services to their client for a better result.

Keywords: agile methodology, core, constraints, sprint, scrum, constraints

Setting Up Local Area Network in ICT Faculty for Bestlink College of the Philippines

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Abstract

Local area network (LAN) is extremely popular. It is used for global telecommunication. The researchers indicated that the teachers were extremely busy with their work, such as recording grades and preparing their lessons. In this research, the researchers concluded that having a LAN in the ICT Faculty will help ICT teachers lessen the work, enhance data transfer, and secure the data. To gather qualitative data, the researchers interviewed ICT teachers who face problems. Without having a LAN in the faculty and some ICT teacher, teachers have a hard time doing teaching-related tasks. The time of the ICT teachers will be conserved. ICT teachers can transfer and receive data as easily and fast as possible. Having a LAN can also lessen the work of ICT teachers and the strand head. Moreover, the server will be a great help in managing the computer laboratory by making the applications easier to manage, monitor information and files shared, and do technical tasks (printing, searching, etc.) more conveniently.

Keywords: easy managing the computer laboratory, fast way of receiving data

Alumni System for ICT strand

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Abstract

The alumni system is mainly organized around the departments of universities or the public but may also be organized among students. This project aimed to easily access the portal system of the alumni's collection of students. Hence, the process of finding the record of students can be hustle-free and hasten the operations. The project should be completed in two phases. The initial phase will be a simple system that will be used to capture the data from current final year students before the end of term. The second phase will extend the functionality of the system to allow past alumni to register. This will help alumni who have a difficulty in finding a job. Other admins can also post if other events occur. The alumni can also ask for help if they have trouble coding. This project aimed to develop a repository and each engine for alumni of the college, which is important to a college. The Alumni Information Database is a web-based application that can be accessed throughout the World Wide Web. Anyone can access the search engine to know about any alumnus of that college but cannot add or edit information. This system can be used as an application for the alumni information database to manage the college information and student information. Students who log in should be able to upload the information of the employee. This system can be used as an application for the alumni information database to manage college information and student information. The system is an online application that can be accessed throughout the organization and outside customers with the correct login information provided. This system will provide a better service to the customers.

Keywords: alumni student system

Visitor Management System in Novaliches Quezon City Public Library

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Abstract

The library needs to be ready for change and use technology for better and efficient work productivity. The traditional way of recording the time-in and time-out may consume considerable time. We created a system that may fasten the operation of every facility in the library building, which is the visitor management system (VMS). This project will also help keep the record safe. The importance of the VMS is to monitor how many visitors are present, what will the purpose of the facility visit, and who will be the person listed in the blocklisted record due to rule violation. This system also ensures the security of the whole building. After the project was planned, we conducted more research regarding our project. Although we face complexity similar to what we mention in the risk management plan. In creating the system, the group gathered data on how to create a user-friendly design. For the functionality of the system, we also used our study learn to easy tasks. When you open the system, the first thing you can see is the admin log-in section. After, the admin can access the system by inputting his/her username and password. It will automatically go to the main dashboard of a system. The admin will input the information of a visitor and then save it. The data recorded will save automatically to a database. The system has admin log-in. The mainframe of the system contains various information that should be filled in before a visitor can access the library system. Different from other visitor management systems, our system is user-friendly and easy to understand and use. Lastly, the data record saved in the database has update, delete, and unblock options to easily manipulate and control the record.

Keywords: user-friendly, easy to use

LANDSCAPE ARCHITECTURE

Setting Up Local Area Network in ICT Faculty for Bestlink College of the Philippines

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Abstract

Local area network (LAN) is extremely popular nowadays. It is also very useful. Teachers are very busy because they have many tasks to do. In this research, we concluded that having a LAN in ICT faculty will help ICT teachers to lessen their tasks to enhance data transferring and secure the data. This research gathered qualitative data. We interviewed and surveyed ICT teachers that experience problems without a LAN in their faculty. Some ICT teachers know more without having a LAN in their faculty. Some ICT teachers know more about our topic. In the planning stage, the researchers prepared a set of activities, such as brainstorming. The researchers located the materials needed for this project. This research was based on the researchers' learnings and observations. We know the solution when there is unsecured data in the ICT faculty. Data transferring was faster and easier for the teachers. Moreover, the LAN will be a great help in managing the faculty by making the data easier to manage, monitor the information, share files, and perform technical tasks more conveniently.

Keywords: LAN

LANGUAGE & LINGUISTICS

Advocacy on Promoting Filipino Language through Visual Paraphernalia in Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

This action research aimed to answer whether providing and posting visual paraphernalia along the hallways of the school can be an effective promotional tool to promote the Filipino language. The researchers also found ways to construct guidelines that help create effective promotional postcards. The researchers chose this study because students tend to focus on learning English and other languages instead of Filipino. The news regarding the exclusion of Filipino subjects in the college curriculum is also alarming. The research used qualitative descriptive research design to explain the results more clearly. Survey and interviews were used as researchers' instruments to collect data. The respondents of the research were 50 Grade 12 students from sections 1-6 who were chosen using nonprobability convenient sampling. Based on the results of the study, using visual paraphernalia as marketing strategies effectively promoted the following: (1) Awareness of students toward the Filipino Language – The study also depicted that posting visual paraphernalia can effectively promote the Filipino language. It is an effective strategy that can raise awareness to students about the importance of learning and using Filipino. (2) Promoting proficiency in using Filipino – Using the visual paraphernalia effectively promoted the Filipino language. It helped the students to become proficient in other terminologies of the Filipino language. (3) Deepening the knowledge of students about the Filipino Language – Using visual paraphernalia helped the students to deepen their knowledge about the Filipino language, different Filipino terminologies, and proper ways of using Filipino words in communication. Following the constructed guidelines can help students, teachers, school administration, and other people to create effective and efficient promotional visual paraphernalia. The active participation of students was required to perform the action plan well. The encouragement and support from teachers and school administration in conducting activities that can promote the Filipino language also helped the study to become more successful. The ideas of future researchers may also improve this study.

Keywords: Filipino, language, advocacy for the promotion of Filipino language, advocacy, promotion

Effects of Difficulties in Speaking English on Academic Performances of Grade 12 HUMSS
Strand Students at Bestlink College of the Philippines

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Abstract

English is a universal language that is commonly used by different people to communicate with one another. In learning this language, speaking English is one of the difficulties that are encountered by students because they regularly use the Filipino language. This difficulty has effects on students regarding their academic performances. The researchers used qualitative and descriptive research methods to determine the effects of difficulties in speaking English. The primary instrument used to gather data was a survey questionnaire. The result of the study was based on the assessment made by Grade 12 Humanities and Social Sciences Strand students about the effects of difficulties in speaking English on their academic performances. Based on findings, students have difficulties in vocabulary, which affects their class participation.

Keywords: speaking English

MARKETING

Feasibility Study on Establishment of Cherish Dating Restaurant in Vista Verde, Caloocan City

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Abstract

The concept of Cherish Dating Restaurant is having a dating registration form for single and ready-to-mingle people and a random date registration for the willing person to register. A side of the uniqueness of the restaurant serves local cuisine with a twist that the customers have not tried before, such as buffalo chicken feet with peanut butter and creamy chop suey tahong chowder with creamy chowder. Cherish Dating Restaurant has five kinds of bundle food and a 5% discount for each bundle. Cherish Dating Restaurant has a great ambiance that would make people feel that they came to the past and make people at home. The research method used was descriptive research. The proponents surveyed 50 respondents composed of students, unemployed individuals, employed individuals, and residents of Vista Verde, North Kaybiga, Caloocan City. This study also used the financial statement to know if the business will become productive and is feasible. The researchers were also concerned about the return on investment (ROI). The results of this study showed the viability of the business, thereby proving a great market deal. The customers are willing to register the dating registration in our restaurant. In terms of the financial aspect, Cherish Dating Restaurant is indeed acceptable and profitable to the market although most Filipinos love eating outside. The business is well-maintained and managed based on the ROI of 0.94% circulation every year. The restaurant business is one of the most competitive businesses in the Philippines. It is feasible to the market due to the quality of the product. The researchers recommended developing products, enhancing its food service, and promoting or innovating new ideas to achieve customer satisfaction and loyalty of the customer. The researchers also recommended that future researchers should have an effective plan for the ROI in the same year for financial viability.

Keywords: feasibility study, Cherish Dating Restaurant

Feasibility Study on Establishment of Ice Bang in North Fairview Corner Regalado Street, Greater Lagro, Quezon City

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Abstract

Ice cream is a sweetened frozen food that is typically eaten as a snack or dessert. Ice Bang is a store that offers ice cream flavors as a snack or dessert made from different vegetables, such as bitter gourd, carrot, chili, squash, and tomato. The researchers decided on this concept because one of the researchers is a fan of ice cream; they wanted to satisfy health-conscious customers. Ice cream is a good stress reliever, and ice cream shop is a large and growing industry in the Philippines. This ice cream was established in October 2019 and is located at North Fairview, Corner Regalado and Lagro with the capital of PHP 1,000,000 and has four employees. The research method used the descriptive method to determine the viability of the business. This study also used SWOT analysis to build on what the business does well, address what the business lacks, and take the best possible advantage of chances for success. The researchers used a survey questionnaire wherein the researchers surveyed 50 respondents to collect data and inform the researchers about the findings. The researchers used the information from the questionnaires, including the price, product, place, and promotion of the business, as basis for data analysis. Lastly, the researchers analyzed the financial statement to evaluate the company's performance and estimate future risks and potential. The results of the study identified the market viability of the business concept and the number of employees of the company. The business is also classified as a general partnership. In terms of gender, female customers are considered the primary target of the business. In terms of age, the range of 19–25 years old is the primary target market, including students and employees. In terms of occupation, the primary target market is students. Under the average condition, the business is expected to have a return on investment in the 2nd year of the operation with the amount of PHP 428,794. The researchers recommend the business enhance ice cream flavors by creating a new flavor that will satisfy customers' needs at an affordable price. The business should also expand by retailing to partner with convenience stores for customers far from the main branch of Ice Bang. The income statement, cash flow, and balance sheet showed that the business is feasible in terms of its pricing because the products it offers have affordable prices.

Keywords: feasibility study, establish, ice cream

MATHEMATICS AND STATISTICS

Assessment on Problem-Solving Skills in General Math Subject of Grade 12 General Academic Strand Students at Bestlink College of the Philippines

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Abstract

One of the most difficult subjects is mathematics. We conducted this study to assess the problem-solving skills in General Math subject of grade 12 General Academic Strand students. The students were guided by accurate variables such as analysis, formula application, and computation that they can use and apply in solving math problems. Quantitative-descriptive research was used as the research method for the study. We used purposive sampling to select respondents from grade 12 General Academic Strand students. The results showed that male respondents got the weighted mean of 4.16, and female respondents got the weighted mean of 3.99, both strongly agree as verbal interpretation in terms of analysis. In formula application, male respondents obtained a weighted mean of 4.75, and female respondents had a weighted mean of 3.67, both of which were interpreted as strongly agree. Lastly, for computation, male respondents obtained a weighted mean of 4.40, and female respondents got a weighted mean of 4.23, both of which were interpreted as strongly agree. The overall weighted mean was 4.44 for male respondents and 4.19 for female respondents, both of which were interpreted as strongly agree. The discussion can be used as the guidelines by the two groups of respondents. The students must give more attention to problem-solving skills in the General Math subject to clearly understand the problem given by the teacher. The students need to manage their time in all subjects, especially in mathematics. Students should listen to the teacher who discusses the formula and equation carefully to answer the given problem. The students should also value General Math as a major subject, including their problem-solving skills, equation, and formulas. They should also focus on the lesson to understand the formula and the process to reach the solution. The students should also memorize common numbers to allow mental calculation. Then, they should take note of essential topics that may help recognize or remember the previous topic, use checking methods to assure that their answer is correct, and ask the teacher if they do not understand something.

Keywords: assessment, problem-solving skills, general math

Difficulties in Solving Mathematical Problems in General Mathematics Subject and its Impact on Academic Performance of Selected Grade 11 Humanities and Social Sciences Students

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Abstract

Mathematics has been a part of our daily lives. Solving mathematical problems stimulate the mind of a person to get a possible solution. Nowadays, most students cannot bring meaning to the problems and do not know how to plan and apply problem-solving strategies. Students should know the possible factors that hinder them in solving mathematical problems correctly. Knowing these strategies will let us know the possible effects of these factors and how they can affect the academic performance of the students. The students can find solutions to avoid these problems and be more equipped with knowledge that they can also use in real-life problems. Qualitative research and descriptive methods were used in this study. A survey questionnaire was administered to gather data from the respondents. To determine the difficulties in solving mathematical problems in the General Mathematics subject of students, the researchers used three variables, namely, (1) student-related factors, (2) teacher-related factors, and (3) lack of resources. To know how these difficulties affect the student's academic performance, the researchers also used three variables, that is, (1) attendance, (2) examination, and (3) activities. The study revealed that grade 11 Humanities and Social Sciences Strand students in Bestlink College of the Philippines have difficulties in solving mathematical problems in General Mathematics subjects. The primary difficulties of students include the inability to analyze the problem, problems with visual aids, and teachers not diagnosing the learning capability of students. Hence, the student's academic performance can be affected by these difficulties. If students cannot solve mathematical problems, then they cannot understand the problems in the examination and become unable to express themselves and lose their confidence, which can result in frequent absences. Nowadays, most students are experiencing difficulties in solving mathematical problems; this trend is alarming because it affects their academic performance. Teachers and students have accountability for these difficulties and should do their part to resolve these issues.

Keywords: mathematics, difficulties, academic performance

MECHANICAL ENGINEERING

Project Proposal of Dual-Purpose Vehicle for Air and Land Transportation

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Abstract

Transportation became an essential part of every person's daily life. Traveling from one location to another became easier by using this system. In recent years, transportation in the Philippines relatively lacks development. The construction of dual-purpose cars will help commuters and private car users to lessen the hassle of transporting from one place to another. This study aims to decrease the stress of commuters in terms of transportation. The researchers used quantitative-experimental research as the research design and purposive and simple random techniques in this study. The statistical treatment used for this study to determine the difference among the three groups of respondents was f-test or ANOVA. Using the questionnaire as the research instrument, the researchers surveyed the respondents to identify the level of acceptability of the model in terms of construction materials, designs and procedures, and mechanisms (e.g., motors, controller, air transportation, land transportation, and presentation). The following procedures were undertaken in developing the model: preparing the floor plan and the materials, programming the Arduino Uno, making the body of the car for land transportation, connecting the Arduino Uno and the motor driver, using Bluetooth module to the Arduino by using wires, making the body of the air transportation, and presenting and testing the project. The results of the study in terms of the construction materials, designs and procedures, and mechanisms (e.g., motors, controller, air transportation, land transportation, and presentation) are highly acceptable. The acquired overall mean of the 5th-year Computer Engineering students was 4.09, which was interpreted as highly acceptable. The 5th-year Aeronautical Engineering students had an overall mean of 4.20 interpreted as highly acceptable, and professional mechanical engineers has an overall mean of 4.07, which was interpreted as highly acceptable. The f-value was 6.93, and the f-computed was 0.03. These results indicated no significant difference between the assessments of the three groups of respondents. To improve the project further, the respondents recommended that future researchers should use lightweight materials and improve the lifting ability of the project. The researchers also recommended that future researchers should manage their time wisely and be responsible.

Keywords: dual-purpose vehicle, land transportation, air transportation

Proposed Escalator in Bestlink College of the Philippines

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Abstract

Nowadays, Bestlink College of the Philippines encountered significant problems as we have students, faculty members, disabled persons, and senior citizens who suffered in stairs. The researchers conducted an escalator in MV. This study was conducted in the Novaliches, Quezon City campus. The researchers constructed an escalator by using several materials and equipment that are needed. The researchers cannot sustain the materials and equipment that were used. This study provides knowledge and learnings to the readers and future researchers about the importance of an escalator. This study utilized group of re quantitative research methods. The researchers used purposive sampling in this study to select five mechanical engineers and five electrical engineers as respondents to answer the questionnaires. After the product was done, the researchers conducted a survey questionnaire and surveyed the two groups of respondents. The collected data will be processed using statistical tools and used to answer the statement of the problem. Through the gathered data, the researchers found out the following results. The two groups of respondents assessed the level of acceptability by using the Likert scale and obtained the weighted means of 3.32 for electrical engineers and 3.43 for mechanical engineers in terms of concept, design feasibility, mechanism, and presentation are; both results were interpreted as acceptable. The results stated that using PVC board as the main material for constructing the miniature achieved the researchers' expectations. The results of the study showed that correct materials can achieve the expectations such as the toughness and quality of the project. The results of the study also showed that the proper handling of funds, correct methods, and a correct floor plan will lead to the success of the project

Keywords: escalator, BCP

MEDICINE

Assessment on Provided Basic First Aid Instructions inside Classroom as Effective Tool in Risk Reduction

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Abstract

This research was conceptualized to assess the process of providing first aid instructions to Grade 12 Accountancy, Business, and Management (ABM) students inside the classroom as an effective tool in risk reduction, risk management, and promoting safety and security. This research was chosen to raise awareness that first aid is essential to life and spread the knowledge on how to apply it correctly. The research method used here was quantitative with a purposive sampling design because it focuses on the impact of basic first aid instruction. The respondents were grade 12 ABM students of Bestlink College of the Philippines, S.Y. 2019–2020 from sections 2 and 11. The results of the study showed that teaching basic first aid reduced risk and promoted safety and security. Learning first aid made students aware and alert and gave them knowledge on how to apply it correctly when needed. Learning first aid also improved the students' risk management skills because they became aware of the risk.. This project reduced the accidents and managed the situation with high confidence. This study also has a positive effect because the students know the possible accidents that will happen at any time. The p-value was 1.0000, which was greater than the α (alpha) of 0.01. The null hypothesis cannot be rejected; therefore, the difference in the risk management of Grade 12 ABM students in section 11 with first aid instructions inside the classroom compared with students from section 02 without first aid instructions inside the classroom was significant. This study discussed that students should learn first aid instructions and understand their importance in saving a life during emergencies. Teachers should guide the students in assessing the risk of injury, and the school administrators should conduct training and seminar and provide first aid instructions in every classroom. The researchers suggested the use of this study as a reference for future studies. This study also discussed if there will be a significant difference between sections 12-11, which was the experimental group, and 12-02, which was the control group.

Keywords: assessment, basic first aid instructions, risk reduction, risk management

OPEN EDUCATION RESOURCES

Proposed Office Procedure for Senior High School Registrar Department

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Abstract

The researchers discovered that if the proposed procedure was applied, then the Senior High School Registrar Department can provide better services, thereby taking a crucial role in the progress of Bestlink College of the Philippines. The researchers discovered that several processes need improvement. Occasionally, the recording officer has much work, thereby causing pending documents. The officer-in-charge of the Registrar Department is a part-time worker that results in pending documents. According to the gathered documents, the researchers evaluated all the sources of information by analyzing and defining the possible process that can help the user of this study. The researchers interviewed the staff of the Senior High School Registrar Department. The researchers proposed enhancement and solutions to some problems in the office procedure of the Senior High School Registrar Department for improved services and tasks in employees and students. The employees of the Senior High School Registrar Department should improve the standardized procedure, as well as supervision and services. The researchers proposed to have a full-time worker for the position for efficiency and accuracy. The researchers created a proposal to improve the tasks of the employees according to the information given by the Senior High School Registrar Department. In this proposal, many steps were changed; these changes resulted in efficient, productive, and accurate tasks for employees and students. The changes in the process in certain services affected the school, thereby making it prosperous.

Keywords: proposal

ORGANIZATIONAL MANAGEMENT

Proposed Office Procedure for College Registrar of Educational Institution

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Abstract

Office procedure contributes to the high production rate of the company. Thus, this research aims to develop the accuracy and consistency of systematic and disciplined departments, specifically in the College Registrar of Bestlink College of the Philippines. This department has one of the most crucial roles in an organization. The researchers focused on improving the office procedures inside the registrar. Qualitative analysis, observations, interviews, and surveys among the respondents, particularly to the Assistant Head Registrar, Record Officers, teachers, and students, were used to collect necessary data. With the necessary information collected through the said methods, the researchers determined the following. In terms of changing and adding subject processes, the student cannot change or add the desired subject because of the new curriculum. If students add or change the subject from the old curriculum, then they are not allowed to process it. In terms of the shifting course process, the researcher found out that several students can easily shift courses without further concern to the department. The problem of the students is the required average of grades from the courses that they desired to take, such as BSCRIM and BSED/BEED. Graduates are also processing their diploma and transcript of records without knowing that they have a remaining balance to pay. Lastly, the researchers observed that in the submission of the faculty, several teachers are late to submit the grades, which affects the enrolment process of the students. Because of these challenges, the researchers proposed enhancing the verification of the subjects of the student if any deficiency is present in adding/changing the subject. In terms of the shifting procedure, the screening process of students was improved, and the researchers interviewed the guidance office to know the specific reason why the student is shifting; it was proposed due to the willingness of several students to shift courses. Then, the researchers proposed that before giving an application, students must attend the announcement of requirements for graduating students to complete them before the registrar/record staffs allow a student to get application forms for graduation. In applying, there must be a policy of on-time submission to avoid unnecessary deals. The researchers also proposed to double-check the grades before uploading. Lastly, the researchers recommended that changes and enhancement must be considered for the procedure to work properly and fix some of the malfunctions occurring inside the department, thereby maximizing the usefulness of the mission and vision.

Keywords: college registrar, shifting, adding, changing, request, submission

Proposed Office Procedure for College Registrar Department of Educational Institution

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Abstract

The registrar department keeps the most vital work in an educational institution. Keeping a considerable amount of data and information over decades requires a huge storage or repository capacity and should be managed automatically without compromising data integrity and security. Thus, this research was conducted to ensure the efficiency and productivity in the Registrar Department of Bestlink College of the Philippines; processes, such as medical examination, enrollment process of incoming students and incoming students from Bestlink College of the Philippines (BCP) SHS, and graduation application, should be improved. This feasibility study utilized the qualitative method. To gather data, the researchers interviewed and surveyed the respondents. The researchers also observed inside the Registrar Department of BCP. The respondents were mainly the employees of this department. Teachers and students who deal with the employees of the registrar's office were also included as respondents. These tools allowed the researchers to ascertain the progress achieved by the registration/records team as a result of the researchers' suggestions for improvement and innovation. The results are indicators of customer and employee satisfaction and provide direction for future endeavors. Based on the observation, the medical examination should be mandatory for all students to avoid misleading information. Medical waivers will be given to all students. The waiver will have two copies, one copy for the registrar department and the remaining copy for the clinic. For incoming students, medical waivers will be given in the admission with the enrollment slip/step. For old students, medical waivers will be given in the registrar's department before the medical examination. On the submission of requirements for incoming students, the record officers allow the student to write a promissory note for the follow-up requirements. The validity of the promissory will last until the end of 1st semester. However, the submission of pertinent documents is not implemented well. Thus, the researchers proposed that the registrar's office should provide the students with a promissory form that lists the primary documents that should be submitted upon enrolling and a secondary document that should be submitted within 2 months. The recording officer will not sign the clearance of the students who will not comply. The graduation application form was filed on the first semester of 4th-year students. Hence, the students cannot make time to enroll in failed subjects because time is only limited for graduating students to comply with their failed/back subjects for the last semester. The researchers proposed to have verification on their 3rd year, 2nd semester. The rapid growth in the population of Bestlink and additional courses also led to overload work among the employees. The results of this study showed that such improvement is needed to enhance and promote the efficiency of the processes, including the workplace of the Registrar Department.

Keywords: qualitative, innovation, implementation

Proposed Office Procedure for Senior High School Registrar Department Educational Institution

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Abstract

The registrar's office is responsible for the efficient management and maintenance of all pertinent student records, such as entrance requirements, personal student information, grades, and other pertinent data. The registrar's office is also responsible for the effective and efficient delivery of service where student records are concerned. There is no full-time chief in charge to oversee the employees. There is no systematic way of releasing the card of the students. In requesting the documents, the researchers proposed a realignment in the requested document. The qualitative method was utilized in this feasibility study. The researchers conducted interviews, observation, survey, and an ocular visit to gather necessary information with regard to the current situation of the department, services, and procedure. The researchers found that the officer-in-charge did not do her job, which resulted in additional work for record officers. This situation may lead to working overtime, overpaying, pending important paper works, etc. In resolving this matter problem, the researchers proposed to hire a full-time chief-in-charge inside the senior high school registrar department to oversee the employees. The researchers also suggested utilizing an online portal to view the grades of the students by using their student numbers instead of giving the report card to the students personally to lessen the workload of the teachers and the employees of the registrar department. Paperwork should be properly endorsed before replacing a new employee to avoid problems in preserving data and other confidential processes inside the department. The researchers proposed giving the request form after the student settled his/her liabilities in the school to ensure that the student who requested his/her pertinent documents settled already his/her remaining liabilities. The significance of this study is to enhance and improve office procedures in the department with proper implementation to provide good quality of services and satisfying results in the future.

Keywords: pertinent, qualitative, ocular

Proposed Office Procedure for Accounting Department of Educational Institution

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Bestlink College of the Philippines

Abstract

An accounting department provides accounting services and manages the finances of a company. Its responsibilities include recording accounts, paying bills, tracking assets and expenditures, managing payroll, and keeping track of critical tax documents. This department commonly lacks cashier facilities, thereby resulting in a long queue, especially during enrollment. The researchers conducted interviews for this feasibility study. The interview method of collecting data involved the presentation of oral-verbal stimuli and reply in terms of oral-verbal responses. This method can be used through personal interviews. The researchers conducted interviews to gather necessary information about the accounting department with regard to their current situation and procedures. Based on the interview and observation, the cashier did not have enough facilities to lessen the queue. The researchers also observed that even when all cashiers were working, a long queue was still observed. The researchers proposed to have new cashier facilities to cater to the increasing number of students every school year. The significance of this study to the accounting department is to improve and enhance its office procedure with proper implementation, thereby resulting in good quality of services and better results in the future.

Keywords: interview, implementation, addition

Proposed Office Procedure for Guidance Department of Educational Institution

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Abstract

Guidance can serve as a second parent of the student whom they can trust. A guidance counselor plays an important role because he/she should understand children's feelings and emotions that they are keeping for a long time and be good and reliable in assisting with the students' concerns. Thus, this research was conducted to ensure efficiency and productivity in the guidance department of Bestlink College of the Philippines. The processes that should be improved include ACAEX scholarship, counseling service, Students' Individual Inventory service, and follow-up service. The qualitative method was utilized in this feasibility study. Based on the observation, several procedures and services of the guidance department should be improved. In ACAEX services, the researchers include decision-making in the submission of requirements to determine whether the requirements submitted by the student are complete or not. For the Students' Individual Inventory service, freshmen, upperclassmen, and transferees should be separated to avoid delay. In terms of the counseling service, students with referrals and those who are walk-in should be separated to provide better services. In terms of the follow-up service, cumulative form checking and follow-up counseling should be included to improve the workflow. This study aimed to make the flow of each process fast and smooth, without major problems. This study also aimed to provide solutions to the current problems of the guidance department to become more productive and effective.

Keywords: guidance, counseling, enhancement

Proposed Office Procedure for the Library Department of Educational Institution

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Abstract

A library is a collection of sources of information with books and other materials as references. It offers free access to people with a vast source of information that they cannot often find anywhere else. Library enhances one's knowledge and develops reading and study habits. The purpose of this study was to have a smooth process and prevent difficulties with the procedure implemented. The researchers made multiple methods to understand the real situation inside the library. In addition to observation, the researchers also interviewed the library director and staff to familiarize themselves with the services offered in the library. The use of books related to the given department (library) as a source of information is also one of the methods used by the researchers. The researchers proposed solutions and improvements to the following process of the library department to be more effective and convenient for users and employees. The process will help the student in using the library and can build their skills. The primary purpose of this study was to improve the services offered by the library department. The results showed that library staff and students are experiencing difficulties with the process, thereby wasting time. Knowing the rules and regulations implemented by the library must be known by the users to become more responsible and disciplined. The researchers attempted to make a solution to improve the services and make them simpler but effective.

Keywords: proposal

PROJECT MANAGEMENT

Assessment on Factors that Affect Students' Decision in Choosing their College Courses: Basis for Appropriate Guidance and Counselling

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Abstract

Making a career choice is a defining phase in every student's life. Students should consider several factors before arriving at a decision. The purpose of this research was to determine the factors affecting the choice of career among students. A quantitative descriptive method was used as the research design for this study. The researchers utilized purposive sampling. The respondents were 50 selected grade 12 General Academic Strand students. The overall weighted mean of female respondents was 3.90, which was the highest, while the male respondents had 3.59. Male and female respondents strongly agreed that financial support, school facilities, parents' decision, and peer influence affect their choice of a college degree. According to the findings of the study and conclusions that were drawn, the following guidelines were forwarded. (1) Additional scholarship programs should be offered to help students who are financially in need. (2) Students should choose a school that has a high quality of teaching but has an affordable tuition fee. (3) Students should take a scholarship program if they cannot afford the tuition fee of the school they want to go to. (4) Students should choose a school that has a clean and pleasant environment. (5) Students should choose a school near their homes. (6) Parents should support the passion and interest of their children. (7) Students should not base their choice of a college degree on their parents' decision; they should consult their parents, but they have to decide themselves. (8) Students should make a goal in life and make their own decisions in their life careers. (9) Students should not rely on their friend's course; they should decide by themselves what they wanted to be. (10) Students should not depend on their boyfriend/girlfriend's course.

Keywords: assessment, decision

PSYCHOLOGY

Factors Affecting Emotional Expressiveness of Grade 12 STEM Students of the Bestlink College of the Philippines: Toward a Guide

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Abstract

Communication is important in any relationship, especially with their family, parents, or guardian. Emotional expressiveness is developed through people's ability to be open or express how they are feeling and what they want. Conflicts occur when an individual has difficulty in sharing and being open with how they feel. Emotional openness can be difficult due to many reasons. The factors behind this issue are what we aim to unravel and clarify. A descriptive research method was used in this study. Using purposive quota sampling, the researchers chose 50 grade 12 STEM Strand students as the respondents of the study. The respondents answered the prepared questionnaire and interview questions to determine the demographic profile of the respondents; the level of emotional expressiveness of the respondents in terms of school, personal, love, and social life; the factors affecting the level of emotional expressiveness; and the outlets used by the respondents in expressing their emotions. The results of the study showed that the respondents have extremely high emotional expressiveness in terms of social life toward their parents, a high level of emotional expressiveness in terms of school and personal life, and a low level of emotional expressiveness in terms of love life. The factors that affect emotional expressiveness include parenting styles, economic situation, and way of life. In addition to their parents, the respondents use other outlets to express their emotions through social media, games, and music. The results of this study showed that good communication between parents and their children contributes considerably toward a healthy relationship. Students were advised to make time to get along with their parents. Meanwhile, parents were advised to allow their children to speak up to enhance their expressiveness. Having a designated regular family bonding time can make their relationship healthy.

Keywords: emotions, emotional expressiveness, parents and children, communication, factors, outlets

Impact of Cybebullying on Mental Health of Senior High School Students: Toward a Guide

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Abstract

Cyberbullying is bullying that takes place by using digital technology. This type of bullying may include social media networks, text messages, and emails. Despite being relatively new, cyberbullying is now well-recognized as a serious public health problem affecting children and adolescents. Cyberbullying affects kindergarten to Grade 12 (K-12) students as follows: negative affects mental and physical health, academic performance, school-related well-being, and interpersonal relationships. Mental health is important at every stage of life, from childhood and adolescence through adulthood. Thus, this study aimed to determine the effect of cyberbullying on the mental health of senior high school students of Bestlink College of the Philippines. The study utilized a descriptive method design. The survey research design was chosen to observe in a completely natural and unchanged natural environment without affecting the normal behavior of the respondents. The survey included questions about the profile of the respondents in terms of age, gender, highest educational attainment of parents, and monthly family income. The questionnaire also included questions about how the respondents perceive cyberbullying in terms of impact, extent, and commonly recorded social media applications that are related to cyberbullying. Facebook is the most commonly recorded social media application about cyberbullying with 49 or 98%. The questionnaire also included questions regarding the challenges encountered by victims of cyberbullying in terms of the emotional aspect, physical aspect, mental aspect, spiritual growth, and personal growth. 5. The questionnaire also included questions about the response of students regarding the negative comments on social media sites. The majority of the respondents answered that their friends helped overcome the sadness they felt after reading negative comments on social media. The questionnaire also included a section where the students can write their suggestions to prevent or overcome insults on social media sites. Many respondents suggested that people should think several times before posting on Facebook, Instagram, and Twitter to prevent receiving insults on social media sites. Students should know the causes and effects of cyberbullying. Students must also consider the possible positive and negative comments on their posts. The school administrators should also strengthen the implementation of their rules and regulations on cyberbullying, and teachers should attend seminars and lectures to provide necessary interventions for cyberbullies.

Keywords: cyberbullying, social media, senior high school students

Effects of Negative Utterances on Mental Health of Grade 11 Home Economic Students: An Emerging Guide

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Abstract

The words that we say are extremely powerful. Words can bring positivity but can also be dangerous and harmful. Words can purposely criticize, insult, or denounce someone else. Words can also cause low self-esteem and hurt others mentally and emotionally, which can also lead to depression and even suicide. Negative utterances can be teasing, taunting, profanities, name-calling, sexual remarks, blaming, accusations, spreading rumors, and even threats. The sources of negative utterances can vary from social media, friends, relatives, school, and even one's own family. Sampling method, instrument, and data gathering procedure and analysis were used to serve as the basis in the interpretation of the study. The respondents of the study were 50 Grade 11 Home Economics students of Bestlink College of the Philippines, S.Y. 2019–2020. The gathered data from 50 sets of questionnaires completed the needed information. The researchers analyzed and evaluated the result of the study. The respondents answered that profane language is the most common negative utterances that they experienced, with a composite weighted mean of 2.8 or verbal interpretation of "sometimes." The majority of these utterances were from their school friends with a weighted mean of 3.5 or often. The data also showed that negative utterances had a moderate effect on how the respondents perceive themselves, how they feel about themselves, and how they communicate, with a composite weighted mean of 2.4. These results showed that the negative utterances the respondents have experienced affected their mental health. Students' further knowledge and awareness of the causes and importance of mental health can prevent the negative effects on their mental health. Student's positive behavior is also important; learning how to accept constructive criticism can help to improve themselves.

Keywords: negative utterances, mental health, awareness

Effects of Facebook Usage on Mental Health and Behavior of Students of Bachelor of Science in Tourism: A Guide

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Abstract

Facebook usage affects the mental health and behavior of the students. We should know about this topic because this kind of network may create dependency, with several negative consequences on people's lives. Facebook may be beneficial, but overusing it may cause problems. Facebook usage may affect one's mental health and behavior. The use of social media platforms such as Facebook may lead to depression, anxiety, poor sleep quality, and stress, which are often observed in teens and adolescents. This aspect is one of the problems that this study will discuss. This study is a mix of purposive and mixed with quantitative and qualitative research. The research subject of this study was composed of 50 selected Tourism students. First, the data gathered were statistically treated through a descriptive method by using thematic analysis. The process went beyond data gathering; it also involved the analysis and interpretation of the significance of what was described. Thus, the description was often combined with comparison or contrast, involving measurement, classification, analysis, and interpretation. The results of the study showed that Facebook usage affected the mental health of the respondents, with a composite weighted mean of 2.81. Facebook usage affected the behavior, with a composite weighted mean of 2.76. The respondents used a smartphone to access Facebook, with the length of use being 4–5 hours. The extent of Facebook usage affected their mental health and behavior in terms of the extent of Facebook usage in terms of family, which obtained a composite weighted mean of 2.90. In terms of friends, the extent of Facebook usage had a composite weighted mean of 2.90. In terms of school, the extent of Facebook usage had a composite weighted mean of 3.04. The data showed that Facebook usage had a moderate effect on the mental health and behavior of the respondents. This study showed that the students should focus on their subject content, syllabus, projects, activities, and examinations instead of using Facebook. Parents should set a limit on their children regarding their Facebook usage, spend quality time with their children, and encourage them to do more indoor and outdoor activities than to waste their time on Facebook.

Keywords: depression, anxiety, stress, news feed, prevalence, social media, addiction, distress, impairment

Practices of SHS Faculties in Handling Student's Behavior in Classroom toward an Intervention Program

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Abstract

Education plays a crucial role in the progress of any nation and is vital for human development and a country's transformation. Every teacher should perform functions to create a wholesome atmosphere in the school community by considering the students' behavior toward their school life, such as academic work, discipline, interpersonal relationships, and belongingness to school. If these things are provided for, then positive behavior toward the achievement of student's academic goals in their studies and their social competence toward others will be enhanced and developed. This study used mixed methods and quantitative and qualitative research and used the purposive sampling technique in choosing where the study should be conducted. The research subjects of this study were 25 senior high school faculties at Bestlink College of the Philippines. The result of this study showed that most of the SHS faculties used encouragement, recognition, and specific feedback regarding behavior and expectation as to their practices in handling students' behavior in the classroom; it had a weighted mean of 4.32, with an interpretation of "often." This study showed that parents, students, and teachers must attend a seminar that provides knowledge on how to improve the behavior of young people. Inside the classroom, teachers should maintain the consistency of the rule implemented. At home, parents should give their attention and show their affection to their children. Administrators must ensure that all learning nurtures and protects the special bonds that develop among teachers, students, principals, and families who work together for the common good of our school.

Keywords: behavior, emotional problem, intervention program, discipline, behavioral problem

Comparative Study Between Personality Traits of Only-Child Students and Those with Siblings Among Grade 11 Students: An Emerging Guide

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Abstract

Hearing the word "only child" is often associated with being spoiled and self-centered. These notions stem from the fact that when a person is an only child, he practically has everything – his parents' exclusive attention, love, and material needs. In this study, we compared the personality traits of an only child and those with siblings that were solidly grounded in evidence and theory. The researchers used a descriptive-comparative research design and purposive sampling technique to select the respondents for this study. The researchers used the Emotions Profile Index to determine the personality traits of the respondents. A total of 50 respondents were selected and grouped according to whether they are the only child or have siblings. The researchers determined that regardless of which group the respondents belong to, the majority displayed high percentile mean scores on depressed, distrustful, controlled, and aggressive dimensions. However, both groups of respondents obtained almost the same percentile mean on the majority of the personality dimensions. Therefore, the difference in the personality traits of an only child and people with siblings is not significant. The results demonstrated that the two groups of respondents can exhibit the same character traits because their birth order does not affect their development. Instead, a person's environment and experiences shape his/her personality and traits.

Keywords: personality traits, Emotions Profile Index, dominant traits, only child, with siblings

Effects of Extracurricular on Academic Performance of Senior High School Students of Bestlink College of the Philippines: Toward a Guide

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Abstract

The word extracurricular is a combination of the prefix "extra," which means "on the outside," and "curriculum," which translates to "a running course/career." Extracurricular or extra academic activities are activities that are not included in the curriculum of the school. Involvement in extracurricular activities is beneficial in some ways for senior high school students. The results of this research showed that the students who are involved with extracurricular activities have chances of increasing brain function compared with those who are not involved. This kind of activity increases positive self-development regardless of the location of the activities. However, by getting involved in these activities, students can become detracted from their studies, lose focus, and become stressed from this burden, which is detrimental to their academic performance. This study used a descriptive method that was designed to the deficit the participant in an accurate way. The results of the study showed that participating in extracurricular activities improved the academic performance of the students. Some students were worried that participating in extracurricular activities may take away considerable time from their schoolwork, which is detrimental to their grades. However, extracurricular activities can improve their grades and outlook in school in general. The results also showed that participating in extracurricular activities can increase one's self-esteem. The more you succeed through activities that you are passionate about, the more your self-confidence will increase. The problems encountered included the sentiment of some students that participating in extracurricular activities may take away too much time to finish their seatwork, projects, etc. This research aims to determine and discuss the effects of extracurricular activities on the academic performance of senior high school students at Bestlink College of the Philippines. Specifically, this study sought to classify the respondents in terms of age, gender, grade level, and strands. The study also aimed to determine what are the extracurricular activities that the majority of the students are participating in and the benefits of participating in these activities. This study also aimed to determine the problems encountered by students joining extracurricular activities and how the findings can be utilized in making a guide to improve the academic performance of senior high school athletes.

Keywords: extracurricular activities

Music as Equilibrant of Mood When Stressed as Perceived by Second Year Psychology Students: Toward a Guide in Stress Management Program

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Abstract

Exams, assignments, school requirements, tour, school programs, projects, and reports are examples of activities that a typical student generally do at school to meet the vital part of being a student. These school loads occasionally make a student anxious and stressed if these activities are done all at once. This study utilized the normative descriptive method with quantitative research. The research subject of this study is composed of 50 2nd-year Psychology students. In the quantitative part, the researchers surveyed to get the profile of the respondents. The researchers also used a normative descriptive method with a survey questionnaire to interpret the results of the study, such as the factors that cause stress, the behavioral expression of the respondents, the effects of music, and the genres of music that help eliminate stress. Most of the respondents are females aged 19–20 years old. The factors that cause stress to the respondents included time management, financial problem, dirty environment, competition, etc. The behavior of the respondents under stress includes lack of sleep, staying up late, and overthinking. Listening to classical, instrumental, and Asian music helped the respondents lower their stress levels. These findings enabled the researchers to utilize a stress management program. Students should have a healthy environment free from dirt and noise pollution, which causes stress in studying. The teachers should provide interventions and other means of providing a good environment to students. The school administration should provide some equipment or materials for mental health. The school administration should also use psychological intervention in reducing stress, such as classical, instrumental, and Asian music. The school should implement the crafted guide to minimize stress to students, and future researchers should conduct further studies to verify the results of this study.

Keywords: stress, stress management, alleviate, accompaniment, curated, diversion, elevate, mood, nostalgia, unparallel

Effects of Workloads on Academic Performance of Working Students among Third Year
Students of College of Education: A Guide

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Abstract

One of the disadvantages of being working students is that they are often short on time and commonly find themselves with limited time to study and sleep and have unhealthy eating habits. However, students should not feel discouraged to work while studying in college, but they should be mindful of the commitment and plan accordingly. The main objective of this study was to determine the effects of workload on the academic performance of working students. The results utilized the descriptive method as the research strategy. The results of this study showed that most working students encountered conflicts in schedule. Hence, students should know how to manage their time and create plans ahead of time to utilize their free time productively.

Keywords: working student, workload academic performance

Effective Implementation of School Rules and Policies in Maintaining Discipline among Senior High School Student: Toward a Guide

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Abstract

School discipline is related to the action taken by a teacher or the school organization toward a student (or a group of students). School rules can guide the children's behavior or set limits to help them learn to take care of themselves, other people, and the world around them. The school system sets rules and policies to restrict certain behavior or attitudes that are seen as harmful or against school policies, educational norms, school traditions, etc. The focus of discipline is shifting, and alternative approaches emerge due to significantly high dropout rates and disproportionate punishment upon minority students. This study utilized the quantitative experimental research design. This study also used purposive sampling with two groups of respondents composed of 25 senior high school teachers from different strands and 25 senior high school students of Bestlink College of the Philippines. The instruments utilized in this study were questionnaires, interview, data gathering procedures, and instrument validation. The respondents answered that profane language is the most, with an overall weighted mean of 3.55 for senior high school teachers and 3.31 for senior high school students. Based on the findings, the researchers proposed guidelines that may be crafted to maintain discipline on the services and implementation in different offices of the said institution to improve the existing rules and policies of school that may serve as a guide on the problems in the future. The school must enhance the health services of the clinic. School rules and policies should be consistently implemented. The rules and policies may be changed; in case of changes, a reorientation regarding the revised policy will be forwarded to the students, teachers, administrations, and parents.

Keywords: implementation, rules and policies, effective

Lifestyle and Role Identity of Student-Parents to their Children: Toward an Emerging Guide

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Abstract

According to Trade Union Congress 2016, 13.9 million Filipino students are parents. Hence, the student-parent has to give up on her education to give way for the baby. Student-parent has to suffer to the same amount of responsibility as a student-parent in the family. This study analyzed the situation of student-parents according to their lifestyles, roles, and challenges they encountered and how they address such issues. The study utilized the descriptive method mixed with qualitative techniques in collecting information. The respondents of the study were composed of 10 Psychology students at Bestlink College of the Philippines. Each selected student is a parent to qualify to be a respondent in the study. Our results showed the lifestyles and roles of student-parents, including discipline their children and doing household chores. Additionally, the problem the student-parents have encountered include financial problems and time management. This study emphasized the situation of student-parents. We also created a guide to improving the lifestyle and roles of the student-parents. We also suggested that students should not have a child while still studying.

Keywords: student, parent, children, lifestyle, psychology, role identity

Impact of Peer Influence on Behavior of Grade 12 ABM Students: An Emerging Guide

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Abstract

This study covers the impact of peer influence on the behavior of Grade 12 Accounting, Business, and Management students of Bestlink College of the Philippines, S.Y. 2019–2020. This study used the descriptive method. The instruments used by the researchers in this study were questionnaires, unstructured interviews, and focused group discussions. This study utilized a descriptive method design in collecting information. The results of the study showed a moderate extent in the social aspect, with a composite weighted mean of 2.84. Meanwhile, the emotional aspect had a composite weighted mean of 2.52, and the decision-making skills of Grade 12 Accountancy, Business, and Management (ABM) students had a composite weighted mean of 2.98. The effect on the stress level of grade 12 ABM students was moderate, with a composite weighted mean of 3.06. The effect on the self-confidence of Grade 12 ABM students was minimal, with a composite weighted mean of 2.12. The respondents indicated that following the rules can keep students out of trouble and focus on what is important (46 respondents or 92%). Their descriptions of the respondents varied, with the age range of 18–20 years old. The majority of the respondents were female, and a majority of their parents are high school graduates. The respondents had varied behavior, which moderately affected the psychological, emotional, and social aspects of the students. The findings revealed that respondents' behavior was experienced occasionally. Peer pressure moderately affected the self-confidence of students. A guide will be designed to lessen the impact on the behavior of the students.

Keywords: influence, pressure, psychological aspect, emotional aspect, social aspect

Factors Perceived by Senior High School Students on Teenage Suicidal Behavior: Toward a Guide

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Abstract

Life is the most precious gift that God has given to us. We must preserve it, value it, and make the best out of it. As humans, we all must die one day, but the way we die also matters. God gave us one life, and we should take the proper care of it. Hence, we should study why suicide has become one of the largest problems of our time, affecting all our lives in one way or another Hence, suicide has become one of the largest problems of our time, affecting all our lives in one way or the other should be answered. News about suicide is a day-to-day experience and every news in our society. However, suicide remains a silent issue of discussion with less or no efforts being done to prevent or stop this act. With an increase in mental illness and suicide cases among youth and senior high school students, experts say everyone has a crucial role in fostering mental wellness. The researchers utilize a random sampling technique; they chose a group of a subject from a larger population. The respondents of the study were 50 randomly selected Senior High School students of Bestlink College of the Philippines, S.Y. 2019–2020. The respondents answered that they feel extreme sadness as the behavior they perceived leads to teenage suicidal behavior. There is a moderate extent in terms of the aforementioned variables, which obtained a composite weighted mean of 3.12. Based on the result, some factors may lead to teenage suicidal behavior if the respondents do not look after their mental health. Education about suicide, including risk factors, warning signs, and stigma-related issues, and the availability of help through the social campaign will lessen suicidal behavior among teenagers.

Keywords: suicide, mental health, education, behavior

Benefits of Guidance Counseling Topic to Attitude of Grade 12 Humanities and Social Sciences Strand Students at Bestlink College of the Philippines

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Abstract

The researchers focused on the benefits of guidance counseling topic to the attitude of Grade 12 Humanities and Social Sciences Strand students at Bestlink College of the Philippines. Counseling helps an individual to discover and develop their educational, vocational, and psychological potentials to achieve an optimal level of personal happiness and social usefulness. This study would encourage students' academic, social, emotional, and personal development. Counseling is the service offered to an individual undergoing a problem and needs professional help to overcome it. The researchers used qualitative research with a descriptive design. The researchers also utilized a survey questionnaire to gather information from 50 selected Grade 12 Humanities and Social sciences students who properly choose through random sampling technique. The results of the study in terms of data presentation, analysis, and interpretation are highly acceptable. The benefits of guidance counseling topic to the attitude of Grade 12 Humanities and Social Sciences Strand students at Bestlink College of the Philippines, wherein the assessment as to self-acceptance the average weighted for indicator "accepting your mistake" was 4.26, with the verbal interpretation of "agree." In terms of self-awareness, the average weighted mean for indicator "awareness of thoughts and feelings" was 4.16, with the verbal interpretation of "agree." In terms of relating to others, the average weighted mean for the indicator "improve interpersonal skills" was 4.1, with the verbal interpretation of "agree." Those data revealed that guidance counseling topics are beneficial to grade 12 students. The researchers found out that the guidance counseling topic helped the students know their purposes and have a strong realization in life. Hence, guidance counseling topic has a strong impact on choosing the right path and making decisions and realizations based on findings. Students need guidance counseling topics as part of the school-based curriculum to prevent the negative mindset and depression of the students. This topic is beneficial to the students to have a clear perception of life.

Keywords: benefits of guidance counseling topic to the attitude

Effects of Sleep Deprivation on Psychological Behavior of Bsit Students: Toward a Guide

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Abstract

The main focus of this research was to obtain an insight into the effects of sleep deprivation on the psychological behavior of Bachelor of Science in Information Technology Strand students, S.Y. 2019–2020. This study used the descriptive method. The instruments used by the researcher in this study were the questionnaires, unstructured interviews, and focused group discussions. Sleep deprivation refers to a condition wherein an individual does not get a proper and enough amount of sleep. Sleep deprivation can affect the psychological behavior of a student. Less than 8 hours of sleep at night may alter the human body and mind. This alteration or change has a huge impact on the life of the student. The purpose of this study was to analyze and confirm the extent to which sleep deprivation affects a student correlated with the following variables: attention, decision-Making, and mood. A survey was conducted with 50 Information Technology students in Bestlink College of the Philippines, S.Y. 2019–2020. The respondents will answer questions that correspond to our variables. Based on the data gathered, the effect on the respondents' attention was moderate. The students who are good listeners ranked first, with a weighted mean of 3.44. In terms of decision making, the effect on the respondents was also moderate, with a weighted mean of 3.42 for rank 1 and an overall weighted mean of 3.30. In terms of the variable mood, the weighted mean was 3.56, which indicated that insufficient sleep has a high effect on their positive thoughts. In the third part of the questionnaire, the researchers asked the respondents to choose the advantage and disadvantages of sleep deprivation. The results showed a moderate effect on the respondents to recall of their daily routine, with a weighted mean of 3.12. In terms of decision making, the respondents who decide in a deliberately logical weighted ranked first and a weighted mean of 3.10 with the weighted mean overall of 3.04 and verbally interpreted as a moderate effect. For the mood variable, the effect was high on a respondent who felt relaxed after a good sleep, which ranked first, with the overall weighted means of 3.52 and 3.33. This study seeks to understand the unique relationship between sleep deprivation and psychological behavior to understand how sleep deprivation influences psychological behavior for individuals to realize the importance of consistent, restful sleep.

Keywords: sleep deprivation

Effects of Parental Guidance on Behavior of Grade 12 HUMSS Students in Bestlink College of the Philippines

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Abstract

Parental guidance refers to guiding your child by explaining the reasons, pros, and cons of their action and decisions; no enforcement is involved. Parental intervention can start with parental guidance when the parent notices something wrong with the child's past or future action. Parental guidance is also important to shape and mold the child's future. Parents are the "architect" or the "conductor" of a child's development. Parents guide their children by spending time with them and making them feel valued. Parental guidance boosts child abilities and strength. Thus, we conducted this study to help the students know the importance of parental guidance to children and its effects. The researchers also gave some recommendations to have a good relationship with their parents and excel in academics. The researchers used qualitative and descriptive methods to determine and answer the questions. The results provided meaning and perspective that can help the researchers find reliable sources of information in the current study. The researchers found out that parental guidance encourages students to study well and have a good academic performance to pass their subjects. Students need parental guidance the most in every situation, such as submitting projects on time, reviewing before the examination, and attending classes regularly. The third variable is socialization; if the students' parents teach them to socialize with others, then they will become friendly, cooperative, and respectful. The fourth and last variable is perspective on life; if their parents teach them that life perspective is one of the most important things to become goal-oriented, a good decision-maker, and have a positive mindset. The effects of parental guidance on their behavior, such as on their attitude (becoming obedient, responsible, and hardworking), study habits (submitting their projects on time, reviewing before the examination, and attending the class regularly), socialization skills (becoming friendly, cooperative, and respectful), and perspective in life (becoming goal-oriented and a good decision-maker and have a positive mindset), was experienced by the majority of respondents.

Keywords: parental guidance, behavior

Students' Perceptions on Student Support Services in Higher Education: An Assessment

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Abstract

Education plays a vital role in the socioeconomic development of a nation. For students to succeed, they must use all available resources. One of these resources is the student support services. In this study, the researchers assessed the student perception of the students regarding the student support services that Bestlink College of the Philippines provides through quantitative and qualitative means. The researchers cannot collect data from all cases to answer the research questions. Thus, a sample should be selected. The set of cases from which the researchers' sample is drawn is the population. The researchers used the sampling technique to reduce the number of cases. Alternatively, the purpose of the sampling method may be effective when only limited numbers of the people can serve as primary data sources due to the number of research design and aim and objectives. Out of the 50 students, 32% gave feedback regarding the possibility of additional academic support and more consultations provided, while 28% opted not to give any feedback. A total of 18% of the population requested for the details regarding the student support services to become easily accessible to them through the use of media, 10% of the population requested additional books in the library related to some of the subjects they are taking, and the remaining 2% proposed the idea of holding an orientation fair. Information about student support services is not that easy to access. Therefore, this information must be disseminated in other easily accessible media, such as social media, to allow the students to access it easily and utilize it to their advantage. The students relatively agreed regarding the quality of the counseling service in the school and most of the infrastructure and personnel available to them.

Keywords: student support services, assessment, counseling services

Effective Implementation of School Rules and Policies in Maintaining Discipline Among Senior Highschool Students: Toward a Guide

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Abstract

School discipline relates to the action taken by a teacher or the school organization toward a student (or a group of students). School rules can guide the children's behavior or set limits to help them learn to take care of themselves, other people, and the world around them. The school system sets rules and policies. Discipline aims to set limits restricting certain behavior or attitude that are seen as harmful or against school policies, educational norms, school traditions, etc. The focus of discipline is shifting, and alternative approaches are emerging due to notably high dropout rates and disproportionate punishment upon minority students. This study utilized the quantitative experimental research design, purposive sampling was utilized in this study to select the respondents. Two groups of respondents composed of 25 senior high teachers from different strands and 25 senior high school students of Bestlink College of the Philippines answered the instrument. The instruments utilized in the study were questionnaires, interviews, data gathering procedures, and instrument validation. Profane language had the highest overall weighted mean of 3.55 from senior high school teachers and 3.31 from senior high school students. Based on the findings, the researchers proposed guidelines that may be crafted to maintain discipline on the services and implementation in different offices of the said institution to improve the existing rules and policies of school that may serve as a guide of the problems to be in future. The researchers recommended improving the health services of the clinic, which leads to insufficient services and implementation. The researchers also recommended that school rules and policies should be consistent implemented from the day it was implemented. The rules and policies may change. In case of changes, there will be a reorientation of the forum regarding the changed policy forwarded to the students, teachers, administrations, and parents.

Keywords: Implementation, rules and policies, effective

PUBLIC HEALTH AND COMMUNITY MEDICINE

Benefits of Grade 12 ABM Students in Putting Net on Every Drainage to Control Garbage and Prevent Flood in Bestlink College of the Philippines

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Abstract

This research focused on what is the perception of grade 12 Accountancy, Business, and Management (ABM) students in putting a net in every drainage to control garbage and prevent a flood. The study revealed how students care for our environment and if they have an idea on how we can prevent or at least lessen the chance of flooding happening in our community. The researchers surveyed to know if the students still acknowledge anything about our environment. A qualitative method was used in this study by using the descriptive research design. This study involved 50 selected grade 12 ABM students. Four main questions were answered by this action plan. A qualitative method was used to elaborate on what the study was about. Most of the respondents agreed that our action research can help our environment in using a net to easily collect and trap the garbage that can cause a flood if it has been neglected to flow into drainage. The study revealed that the net is extremely useful in lessening the cases of flooding in our community, but we should not only rely on putting a net to reduce flood cases in our community. We should also be responsible for our environment, especially for our wastes.

Keywords: line drainage, flood, clogged

Sports Activities: Its Effects on Academic Performance of Varsity Students in Bestlink College of the Philippines

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Abstract

Sports activities are one of the most important benefits of making sports a part of the school curriculum. Sports experiences can cause varsity students to become increasingly uninvolved in academics throughout their high school career as their lives become more focused on playing in the field or court. The evaluation of the sports and academic priorities of the varsity students can portray the academic gap between sports. Varsity students experience complex developmental issues that should be addressed in programs and policies created by the institution. The researchers used a survey questionnaire to gather information from the selected varsity students. This research questionnaire will gather ideas or information easily. Personal observations were gathered from the survey questionnaire. The research was conducted at Bestlink College of the Philippines. The data gathered from the literature and studies were used as secondary data. This study aimed to investigate the impact of sports activities on varsity students. This research is expected to help varsity students to succeed in the classroom and on the court or field. Support should be provided at all levels of the institution to help varsity students become intellectually, emotionally, and physically fit to exact all possible dimensions of motivation, having direct and indirect impacts on motivation techniques. All experiences are heightened because everyone expects varsity students to constantly perform well inside and outside the classroom. The consequences of not performing well can be severe and can even take the form of ridicule or even worse. The results found that sports activities affected the academic performance of varsity players who experience different levels of stress based on various things that happen during their high school lives, such as pursuing a degree, time management, and fluctuations between new experiences and transitions.

Keywords: effects, sports, varsity

RESEARCH IMPACT GUIDE

Teaching Strategies and Its Influence on Academic Performance of Grade 12 HUMSS Students

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Abstract

Teaching strategies are the ways of teachers in delivering the subjects to students. Teachers must apply the method following the level of understanding of students; if not, then they will be left behind, lose interest in the discussion, and become lazy and unproductive in the class. The researchers used qualitative and descriptive research methods as the research designs. The instruments used to gather the data were survey questionnaires and related literature. The result of the study showed that the teaching strategies of their teachers influenced the students' academic performances. Thus, teachers should align their professional experiences with their teaching strategies to benefit their students. Hence, teachers must be aware of the learning styles that they use. The use of better and more appropriate methods in teaching and learning activities will increase the students' achievements.

Keywords: strategies

Leadership Potentials of Classroom Officer: An Assessment

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Abstract

This study aimed to help class officers to maintain peace and order in their class classroom and determine the struggles they face to have some strategies or rules and regulation inside their room. The leadership potentials of a classroom officer are all about how he/she builds his/her confidence and self-esteem as a leader inside the classroom regarding the difficulties in organizing the class to increase the positive effect of having leadership activity outside of the campus. Leadership plays a crucial role in the school's effectiveness and its improvement. The researchers also used survey questionnaires to gather all necessary data. The results of this study will be beneficial to all classroom officers to build their full potential to be good leaders inside and outside of the school. Based on the findings, the most common problems encountered by the classroom officer were time management and school activities.

Keywords: leadership assessment

Proposed Admission System for Bestlink College of the Philippines

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Abstract

Bestlink College of The Philippines is one of the largest private colleges in the Philippines. This school provides a manual admission process that is prone to human error and lacks features, thereby possibly resulting in misleading information. The researchers decided to create a computerized admission system to provide a more advanced system that will surely help the process consume less time, with the security features and features that will help avoid the human error of the admission process, followed by the introduction in which the researchers used SDLC. Tasks were planned, and an appropriate topic to discuss was selected. Then, data were gathered through interviews, the designs for the system and research were chosen, and the system was tested to determine if it works with their hardware and software and implemented using direct conversion by eliminating the old system. Lastly, the following recommendations were maintained, and improvements were asked. With all the data gathered and analyzed, 9/10 respondents approved to have a computerized admission system. The responses showed that the manual admission system needs changes and improvement. Hence, the researchers conducted this study to minimize problems encountered in the current system. However, this system does not ensure to have all features the best system will have.

Keywords: admission, process, enrollment

Proposed Scheduling System for Plasmac Manufacturing

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Abstract

A scheduling system is a computerized system wherein the clients have to record the attendance of the employee, generate the schedule, and monitor the schedule of the employee. This project was conducted to solve the problem of a client regarding scheduling, monitoring, and organizing the scheduling process. The researchers will have found a client/company, that is, the Plus Mac Company, and researchers will have a transaction to the company to ask for permission for developing a computerized scheduling system. The client said that the manual scheduling system loses the scheduling records and schedule monitoring. The researchers observed and analyzed the process of the company regarding the manual scheduling system. After planning, the researchers listed objectives on how to solve the problem by using a computerized scheduling system and deliverables on how to deliver the researchers' objectives. After the analysis, the researchers designed the computerized scheduling system. The system analyst of the group created a design for the system, such as the layout, flow chart for the flow of the system, ERD for the scheduling process, and UML to determine the relationship between the employee and company. After all the designs and flows for the system, the programmer created a blueprint on how to develop a fully developed scheduling system. The researchers proceeded to test whether the form of the system is working. Successfully, all forms were working. The researchers went to the company and implemented the new computerized scheduling system and gave an orientation on the proper usage of the system. The researchers also provided a manual to know the rules and regulations of using the scheduling system. The researchers' scheduling system is successful. The researchers achieved the goal of the system. The objectives were also delivered to the computerized system. The scheduling system is one of the most important systems for the company that is using a manual system. However, using a manual system in processes such as daily time record is not the certain cause of the problems in the company. However, eventually, the company will also need to develop its system to achieve the good flow of the company, especially for the employees.

Keywords: improved schedule system, computerized scheduling system

Analysis on Impacts of Practical 1 Research Subject on Grade 11 Humanities and Social Science Students

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Abstract

This study aimed to analyze the positive impacts of the research subject on grade 11 Humanities and Social Sciences (HUMSS) students at Bestlink College of the Philippines. The research subject had a more positive impact than negative on students and can develop their skills and knowledge. In particular, grade 11 students who know how to conduct a research paper can easily conduct a good research paper when they turn Grade 12 because they already have prior knowledge on how to do it. This study used the narrative inquiry design of research that is best served the answer the questions and purposes of the study. This study will discuss lessons learned from your collected source information as applied to the plan and investigate experiences and the impact on current behavior and actions. The researchers used random sampling as the sampling technique. Questionnaires were used as the research instrument and distributed to 100 selected Grade 11 HUMSS students. This study assessed the positive impacts of the research subject in terms of the knowledge from their teachers and guidance and support of their parents, as well as knowing the importance of references and moving as one in a group. This is also important for students that have no idea how to conduct good research. Every Grade 11 student realized that having a research subject in their class is important. The results of the study showed that doing research improved their skills and knowledge and positively affected their academic performance. This study also proved that the research subject has a more positive impact, especially for beginners. Every member knew the importance of their relationship and participation as a group. Doing research must continue to secondary institutions to contribute to the development of the students' skills. The researchers also recommended conducting a seminar about the positive impact of the research subject on students. The teachers must also teach their students with clarity; students, especially beginners, should pay an attention to know the positive impact of the research subject. Teachers should implement strict surveillance to their students to make sure that everyone is being productive.

Keywords: impact, positive, research

Acceptability of Malunggay Siopao in Bestlink College of the Philippines

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Abstract

Humans love to eat and keep their bodies healthy. Many products in restaurants and supermarkets can provide food for everyone. This project aims to produce a new experimental way of food that has many benefits to our bodies. Siopao is commonly known as Baozi or steamed bun and came from China. After many years, several researchers and developers made several variations of siopao. The researchers of this study created a new innovative siopao variation called malunggay siopao, which is a flavorful and healthier siopao that can help maintain our diet and give us vitamins from malunggay. This study used the a descriptive research method, which is descriptive research that describes the population, situation, or phenomenon. This method can also be used as a wide variety of quantitative methods and variables. This is used as a tool to gain more information data this research used a random sampling method in choosing the respondents of this study this study used a questionnaire as the instrument to gather information. The researchers would like to know if their innovative product will pass the taste expectation from the respondents of 50 HE students and 10 HE teachers from Bestlink College of the Philippines. The researchers divided the questionnaire into five different sections that are chosen with the equivalent of 50 students for each chosen section. The researchers used a simple random sampling technique from the students of the HE department. The result of this study showed that the researchers learned more knowledge on how to be creative on such things. This result showed that this product is better than the original siopao because it contains more vitamins due to fresh malunggay leaves. The results of the survey showed that having free taste will help the respondents to identify what is good or what is not. The survey questionnaires should be distributed to the chosen respondents The results also showed no significant difference between the assessment of the teachers and students in terms of the products' taste, aroma, nutritional value, and presentation. The respondents recommended that the researchers should make the filling more flavorful, make the dough softer, and add more aroma to the product.

Keywords: malunggay siopao

Level of Effectiveness of Research Guidebook and Template in Studying Research as Assessment by Grade 12 General Academic Strand Basis for Proposed Guidelines

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Abstract

Research is one of the hardest subjects that you will encounter because you will encounter different faces in making it. Researchers need focus and enough time in conducting it. This subject can help students because it serves as their guide in creating/conducting research. The researchers conducted this study to know the level of effectiveness of the research guidebook and template in studying research. Quantitative-descriptive research method and purposive sampling were utilized to choose 50 General Academics Strand students to determine the level of effectiveness of the research guidebook and template. The overall weighted mean of grade 12 students was 3.96, and that for research teacher was 3.70, which both strongly agreed that the content, output achievement, and guide of the research guidebook and template were effective in studying research. Based on the finding of the study and the conclusion drawn, the following recommendation was forwarded to improve the level of effectiveness of research guidebook. Examples and guides should be included to make the research. The teachers should also give activities to allow students to memorize the type of research. The teachers should also make sure that the research guidebook is updated and the content is understandable. Hence, the content, output achievement, and guide to the level of effectiveness of the research guidebook are effective in studying research.

Keywords: research guide - effectiveness

Evaluation on Library Services at Bestlink College of the Philippines

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Abstract

Library services refer to the programs offer for different library purposes intended for their clients. Services must be provided to the users in the most effective way. The existence of the library can achieve the students' expectations or meet their actual needs. Nowadays, the library profession and the larger educational community are focused on service quality. Therefore, the library should improve its service quality to achieve high student satisfaction. The researchers used qualitative and descriptive research methods as the research designs. The instruments used to gather data were survey questionnaires and related literature. The results of the study showed that having library services was highly effective in supporting the students' educational purposes and satisfaction of their needs. Based on the findings, the library administrator should acquire more updated library materials to provide accurate and reliable information to their clients; the library administrator must be approachable and accommodating because they are the ones who provide information and services to the student, and all the services offered by the library should be open for everyone.

Keywords: library services

Impacts of Handwritten Instructional Materials on Teaching Physical Science and Improving Academic Performance: An Assessment of Grade 12 HUMSS Strand Students in BCP

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Abstract

Teachers are the most important resources in the education system. The quality of education depends on how teachers teach, motivate, and inspire the students to learn and become effective, competent, and productive citizens of the nation. As the frontliners in the education process, teachers must be effective in all aspects of the profession. Handwriting is important to show that writing improves memory. Students retain new ideas through handwriting instead of typing. Handwriting is important because learning the alphabet by interacting with each letter in different ways helps students imprint and retain the letter. Handwriting can help us slow down and fully engage with our thoughts. With a pen, we have instantly accessible creative and artistic opportunities that are not possible to wave when typing on a keyboard. Handwriting is an important skill that is required for school success as students use handwriting across the curriculum. Handwriting is often required to demonstrate students' knowledge and skills through tests, homeworks, and reports. The researchers used quantitative and descriptive research methods as the research designs. The instruments used to gather data were survey questionnaires and related literature. The results of the study showed that having handwritten instructional materials was effective in supporting the students' educational purposes and gain more knowledge. Based on the findings, the students should focus on using handwritten instructional materials and must have enough knowledge to focus on their studies. Teachers may encourage the student to study well and improve their handwriting skills.

Keywords: impacts of handwritten instructional materials

Effectiveness of Proper Segregation by Using Trash Bin Coal Filtration to Filter Waste in Classrooms of Grade 12 ABM Strand Students in Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

This research focused on the effectiveness of proper segregation by using trash bin coal filtration to filter waste in every classroom of Grade 12 Accountancy, Business, and Management (ABM) Strand students at Bestlink College of the Philippines in terms of filtering solid and liquid waste and proper waste segregation. Trash bin coal filtration helps students to maintain the cleanliness of the classroom, student's behavior, and teacher's mood and reaction. Trash bin coal filtration filters the leftover food from the students' wastes they that throw in a trash bin to properly segregate the trash. It has a metal string that filters the leftover food, a storage box under the trash bin that catches the leftover and liquid food, and coal that absorbs the bad odor to maintain the good smell of the room. This study also revealed the benefits of our trash bin coal filtration and how to maintain proper segregation in the classrooms of Grade 12 ABM Strand students at Bestlink College of the Philippines. The study used the qualitative and descriptive survey as the type of research method. This study involved 50 selected Grade 12 ABM Strand students. Two variables were considered to determine the effectiveness of having trash bin coal filtration, that is, filtered solid and liquid waste and odor of waste. Improper waste segregation is one of the factors that affect the academic performance of the students and the cleanliness of the classrooms of Grade 12 ABM Strand students. Another aspect revealed that students may also be affected if they do not have discipline in throwing their waste in the appropriate trash bin. As a result, trash bin coal filtration helps in managing the cleanliness of classrooms, improving students' behavior regarding proper waste disposal, and filtering the leftover food waste. The study revealed that improper waste segregation has an impact on the academic performance, behavior of the students regarding cleanliness in the classroom of grade 12 ABM students, and teacher's mood and reaction. The study also showed that students have priority problems in their personal lives and school.

Keywords: improper waste disposal, cleanliness of classroom, waste filtration

Proposed Evacuation Center in Tacloban City, Leyte

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Abstract

This study aims to construct the proposed evacuation center in Tacloban City, Leyte. The researchers encountered problems, one of which is how the respondents assess the level of acceptability in terms of the concept, structural design, suitability of materials, and presentation, which is known as the statement of the study. The study will give the readers and future researchers knowledge on the importance of construction. Further reading the content will give the readers or future researchers important details such as how the miniature is constructed and results and discussions. The researchers conducted a floor plan and a template that is a necessity for the project, followed by the formulation of methods as a guide to the construction of the bridge. Lastly, the researchers discussed and tried several materials to achieve the most suitable for the project. The chosen materials were used to produce the miniature. When the product was done, the researchers constructed survey questionnaires and surveyed two groups of respondents, that is, 15 architecture students and 15 Civil Engineering students. The collected data will be processed using statistical tools to answer the statement of the problem. Through the data gathered, the researchers found out that the two groups of respondents assessed the level of acceptability by using the Likert scale and obtained the results in terms of concept, structural design, suitability of materials, and presentation. The results were 3.55 for Civil Engineering students, which was interpreted as strongly agree, and 3.38 for Architecture students, which was interpreted as agree. The data gathered showed no significant difference between the assessments of the two groups of respondents in terms of the aforementioned variables. The results of the study showed that the correct materials can achieve the expectation such as the toughness and quality of the project. The results of the study also showed that the proper handling of funds, proper methods, and correct floor plans can lead to the success of the project. These findings were also connected to a previous study entitled Improving Evacuation Planning and Shelter Site Selection for Flood Disaster: Thai Flooding Case Study (2017). This study had some limitations including some methods, materials, and designs that can lead to another research.

Keywords: evacuation center

Effectiveness of Proper Segregation by Using Trash Bin Coal Filtration to Filter Waste in Classrooms of Grade 12 ABM Students in Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

This research focused on the effectiveness of proper segregation by using trash bin coal filtration to filter waste in every classroom of Grade 12 Accountancy, Business, and Management (ABM) Strand students at Bestlink College of the Philippines in terms of filtering solid and liquid waste, proper segregation, and odor. Trash bin coal filtration helps students to maintain the cleanliness of the classroom, students' behavior, and teachers' moods and reactions. Trash bin coal filtration filtered the leftover food from the students' waste that was thrown in trash bins to properly segregate the trash. It has a metal string that filters the leftover food, a storage box under the trash bin that catches the leftover and liquid foods, and coal that absorbs the bad odor of waste and maintains the good smell of the room. This study also revealed the benefits of our trash bin coal filtration and how to maintain the proper segregation in the classrooms of Grade 12 ABM Strand students at Bestlink College of the Philippines. The study used qualitative and descriptive survey methods. This research involved 50 selected Grade 12 ABM Strand students. Two variables were considered regarding the effectiveness of having trash bin coal filtration such as filtered solid and liquid waste, as well as odor of waste. Improper waste segregation is one of the factors that affect the academic performance of the students and the cleanliness of the classrooms of Grade 12 ABM Strand students. Another aspect revealed that the students may also be affected if they do not have discipline in throwing their waste in appropriate trash bins. As a result, trash bin coal filtration helps in managing cleanliness in the classroom, students' behavior regarding proper waste disposal, and filter the leftover food waste. The study revealed that improper waste segregation has an impact on academic performance, students' behavior regarding the cleanliness of the classrooms of Grade 12 ABM Strand students, and teachers' moods and reactions. The study also showed that students have priority problems in their personal lives and school.

Keywords: improper waste disposal, cleanliness, waste filtration

Providing BCP Trash Holder Near the Gate for Proper Waste Management in selected Grade 12 Accountancy, Business and Management Strand Students in Bestlink College of the Philippines, S.Y. 2019–2020

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Bestlink College of the Philippines

Abstract

The research was focused on providing a BCP trash holder near the gate for proper waste management. The study revealed the aspects that may lead to an organized and good environment at the Bestlink College of the Philippines. A qualitative method was used in this study by using a descriptive research design. This study involved 50 selected Grade 12 Accountancy, Business, and Management Strand students. Three variables, such as students' discipline, school management, and teachers' moods, were considered. Improper waste disposal is one of the factors that affect the academic performance of students. Another aspect revealed that students may also be affected if they do not have discipline in throwing their garbage in appropriate trash bins. The study revealed that improper waste disposal has an impact on the academic performance of students. The study also showed that students have priority problems in their personal lives and school.

Keywords: improper waste disposal, proper waste management, students' discipline, school management, teachers' mood

Benefits of Recycling Plastic Bottles in Making Cleaning Materials at Bestlink College of the Philippines

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Bestlink College of the Philippines

Abstract

The research focused on how students' learning benefits of an efficient broom to the students in terms of recycling plastic bottles. The study was revealed the aspects that may lead to the students' behavior regarding the cleanliness of their classroom. Nowadays, the current problem about the cleanliness of classrooms has been increasing gradually. The students face many troubles because of the dirt inside the classroom that can cause disruption. Lack of cleanliness can be a major distraction to students that may affect their performance. A dirty classroom can also negatively affect health, attendance, and concentration. A clean school makes for a less stressful working environment. The classroom can be defined as an environment. Environmental pollutants include dirt, airborne, microbes, chemical vapors, and aerosol particles that students may be taken by students, which can result in some diseases. A qualitative method was used in this study by using a descriptive research design. This study involved 50 selected Grade 12 Accountancy, Business, and Management Strand students. Three variables were considered as benefits of plastic bottle brooms, including student's learning and school management. A student's learning is one of the factors that benefit students. Another aspect revealed that students may also enhance their creative thinking inside the classroom. The study revealed that a student's learning has a benefit when they use recycled plastic bottle brooms during a discussion in classes. The study also showed that students reduced the amount of waste in their environment that will improve parental involvement.

Keywords: plastic bottle broomstick, student's learning, school management

Implementing of Using Recycled Pencil Case Made of Tin Cans among Grade 12 ABM Strand
Students at Bestlink College of the Philippines

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Christine Rose Cantones
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Bestlink College of the Philippines

Abstract

The research focused on recycling tin cans by turning them into pencil cases and implementing them in Grade 12 Accountancy, Business, and Management (ABM) Strand students on our campus. The study revealed the aspects that may lead to the effects of implementing using of pencil cases made of tin cans in Grade 12 ABM Strand students at Bestlink College of the Philippines. A qualitative method was used in this study by using the descriptive research design. This study involved 50 selected Grade 12 ABM Strand students. Four variables were considered as the advantages of recycling tin cans, such as students' discipline, environment cleanliness, students' creativeness, and parents' expenditure. Creativity and willingness are one of the factors that students need to create beautiful recycled tin cans. Another aspect revealed that students may also be affected if they do not know how and are unwilling to recycle. The study revealed that recycling has an impact on our lives and our environment. Recycling helps us to save money that we can use for our other personal needs. It helps us to be economic and creative citizens. The study also showed that recycling is important and can help people and the environment in many ways.

Keywords: recycle tin cans, students' creativity, parents' expenditure

Benefits of Recyclable Tire Trash Bin for Proper Waste Disposal among ABM Strand Students
in Bestlink College of the Philippines

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John Carlo Flores
Jelai Langga
Delia Bea Mangundayao
Raymond Naraaj
Rinna Bayaborda
Bestlink College of the Philippines

Abstract

Tires are constantly used on many types of automobiles, such as bicycles, motorcycles, buses, etc. We thought about what we should do with old tires and what can be created when we recycle old tires. We thought that we are going to use it as a trash bin inside and outside our school, but we prioritize inside the school because every time we pass by the canteen, in the comfort room, and anywhere in the school, we see liters because the school lacks trash bins. Thus, we used the old tires as bins. We reused old tires and made them into trash bins to help Bestlink College of the Philippines (BCP) to have more trash bins inside the school and make the students discipline themselves to throw their garbage in proper trash bins. Plastics are scattered at the corner of BCP. Thus, the idea is to collect all the scattered plastic tires inside the campus to make them plastic tire trash bins. The descriptive method was used in this study. This study helped put garbage in the stairs easily and maintain the cleanliness of the stairs in Bestlink College of the Philippines. We also determined the effects of making plastic tire trash bins and placing them on the stairs inside the school premises in the Grade 12 Accountancy, Business, and Management Strand at BCP. The results of the study showed that the majority of the respondents answered strongly agreed with the effectiveness of tire trash bins in the school, and utilities easily collect the garbage in the trash bins placed in the stairs and maintain the cleanliness of the school. On the second table, the respondents answered strongly agree that the moods of students will improve when a tire trash bin is placed on the stairs. Based on students' discipline, the respondents strongly agreed to help utilities or lessen the garbage at the stairs. This study suggested that the administration of BCP must have at least one tire trash bin for every staircase and at every classroom of Bestlink College of the Philippines to lessen the work of utilities and make the school clean.

Keywords: recycling, proper disposal, tire

Effects of Placing "Ring-Like" Trash Bin inside Classroom for Proper Waste Disposal on Grade 12 ABM Strand Students in Bestlink College of the Philippines

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Abstract

Waste is increasing rapidly in this generation. Some students irresponsibly throw their trash in proper trash bins. This study was conducted at Bestlink College of the Philippines, specifically in our classroom. Trash bins are present in our classroom, and we wonder why trash is scattered around. Even with the presence of a trash bin, if students do not have discipline, then the trash will still be scattered. That event serves as inspiration for the researchers and gives us motivation in making this study. Our study has many positive outcomes; it can reduce the amount of trash that is being thrown everywhere by the students, it can satisfy the teachers and keep their focus on teaching because they will not get irritated again because trash is being scattered, and it will make the campus clean. A descriptive method was used in this study. We used convenience sampling that is a type of nonprobability sampling method where the sample is taken from a group of people that is easy to contact or reach. Placing "ring-like" trash bins in classrooms has positive outcomes in terms of reducing garbage to be thrown by the students and innovating the students' discipline regarding proper waste disposal. The reason for placing a "ring-like" trash bin in the classroom was to lessen the trash and help students to be responsible regard their surroundings. We conducted this study to improve the discipline of the students regarding proper waste segregation, help lessen the trash in the campus or classroom, and prevent the rapid increase in the amount of trash.

Keywords: descriptive, discipline, management, trash bin, creative, attractive, recycling, proper waste disposal

Utilization of Bladeless Air Purifier as Primary Solution for Purification of Polluted Classrooms of Grade 12 Accountancy, Business, and Management Strand Students in Bestlink College of the Philippines

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Abstract

We mostly linked air pollution to smokes coming from factories, cigarettes, and emission exhaust by vehicles, but these are all an example of outdoor air pollution. Our home and even our classrooms can be polluted too because the pollutants or harmful particulates are being trapped inside our home or classrooms, thereby resulting in a high chance of being contaminated by those pollutants. If not properly controlled, then indoor air pollution can completely affect the health and cognitive performance of the students in Bestlink College of the Philippines. Hence, we came up with the concept of having an air purifier that is more efficient and more energy-saving as an alternative replacement for ornamental plants; we named it "Bladeless Air Purifier" based on the creative enclosure concept of Air Multiplier made and designed by famous industrial Engineer James Dyson. This study focused on how Bladeless Air Purifier can decrease the number of harmful pollutants inside the selected classroom in Bestlink College of the Philippines because the rooms lack ornamental plants that are necessary to have healthy and pleasant air. The research method used was descriptive. The respondents were Grade 12 Accountancy, Business, and Management Strand students of Bestlink College of the Philippines, S.Y. 2019–2020. The sampling technique used was convenience sampling to gather all the necessary data from 10 respondents in every section to represent the whole population. Based on the data we have gathered, most of the respondents said that having a Bladeless Air Purifier inside the classroom helped them absorb their discussion easily and made them feel comfortable. This study recommended that the administration of Bestlink College of the Philippines should create a project wherein the students are required to build their own Bladeless Air Purifier as an alternative replacement for ornamental plants.

Keywords: air purifier, ornamental plants

Benefits of Creating Recycled Paper Design in Classrooms of Grade 12 Accountancy and Business Management Strand Students at Bestlink College of the Philippines

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Abstract

Improper waste segregation in terms of school facilities has considerable effects not only on students but also on teachers, utilities, and even the school environment. Therefore, the researchers decided to conduct a study that focuses on proper segregation, particularly in recycling used papers. The researchers decided to conduct research that gives a solution to the problem of improper waste disposal and promotes recycling. This study focused on implementing few recycling activities into the students' inspirational ideas and projects that can help the environment situation and students by using used papers as the main material. Paper mache is a handicraft that is made from old newspapers, tissues, or any used paper and mold it to make handicrafts or a decoration. A descriptive method was used in this study. This study aimed to keep the cleanliness and identify the benefits of making used paper into a classroom design in grade 12 Accountancy, Business, and Management Strand students at Bestlink College of the Philippines. The study positively impacted the students and the classroom, which decreased the amount of paper waste inside the classroom. It also improved the appearance of the classroom because of the decorations, which give a good impression not only to the classroom but also to the whole class. This study suggested that the students need to be responsible to lessen paper waste. It also needs student participation to make this research effective and successful. This study can help to reduce paper waste in the classroom and make it a piece of decor to make the classroom presentable.

Keywords: recycled paper design, decoration

Effectiveness of Using Plastic Bottle in Making a Trash Bin for Napkin of ABM Strand Students at Bestlink College of the Philippines

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Abstract

Women silently suffer from abdominal cramps, fatigue, backache, feeling uncomfortable, and getting easily irritated. Almost every woman has had menstrual cramps. The pain caused by cramps can vary from being mild to severe. Thus, going to school while experiencing menstrual cramps is a nightmare. Women find it uncomfortable if they change in a comfort room, especially in school. Occasionally, female students see improper disposing of sanitary napkins in a trash bin, which makes them feel more uncomfortable. This study used the descriptive method. The researchers surveyed 50 selected grade 12 Accountancy, Business, and Management Strand students by distributing questionnaires. The researchers found out that most students saw a positive possible outcome of having a trash bin made of a plastic bottle. Students agreed that it can give an appealing surrounding, teach students how to dispose of napkins properly, and help the utilities to clean a comfort room. Resoinsenta showed that having an insufficient financial budget and people getting used to using plastic bags can hinder having trash bins. Students also acknowledged the advantages of recycling plastic bottles. First, it would not need a long time to clean. Second, for students' responsibility, they will know how to dispose of a napkin. Lastly, for students' health, they will feel comfortable in using a comfort room. Therefore, the result showed that using a plastic bottle in making a trash bin for napkins is effective. This study suggested that the students should be aware of their surroundings by being responsible for their waste. This study also needs student participation to ensure its effectiveness and success. This study can help to reduce used plastic bottles to create a useful trash bin. This study also aimed to teach students about sanitation and how to keep their surroundings clean and presentable.

Keywords: recycle, plastic bottle

Positive Outcome of DIY Dustpan Made of Plastic Bottle in Classroom Environment of Selected Grade 12 ABM Strand Students in Bestlink College of the Philippines

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Abstract

Many people are wasting things that can be reused, such as plastic bottles, which causes flooding. Thus, we thought about making a DIY dustpan to help to clean garbage to avoid gutters being blocked and flooding. Having a DIY dustpan will contribute to our society; it is also budget-friendly and will help lessen plastic bottle waste. The research focused on how helpful making a DIY dustpan is to our environment. A qualitative method was used in this study as the descriptive research design. This study involved 50 selected grade 12 Accountancy, Business, and Management Strand students. Four variables were considered as the positive outcomes of DIY dustpan: save money, reduce waste, create your DIY dustpan, and keep our environment clean. Many people choose to buy a dustpan in the market, but making this dustpan is fun as an activity done with friends or even by yourself by making your design. The study revealed that recycling has an impact on our lives and our environment. Recycling helps us save money for other personal needs. It also helps us to be creative. The study also showed that recycling is important and helps people and the environment in many ways.

Keywords: recycle, saving money

Benefits of Using Hanging Mesh Transparent Plant Holder in Selected Classrooms of Grade 12 ABM Strand Students in Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

This research study focused on how the researchers encourage students in planting. This study also presented how Grade 12 Accountancy, Business, and Management (ABM) Strand students in Bestlink College of the Philippines value trees. The methods used in this study were qualitative and descriptive research designs. This study involved 50 selected Grade 12 ABM Strand students. Four variables, that is, the benefits of using a hanging mesh transparent plant holder in selective rooms of Grade 12 ABM students saving the environment, ensuring a clean environment, preserving wildlife, and ensuring eco-friendliness, were considered. The results of the study showed reduced air pollution and maintained the cleanliness of the air. This study also helped with the beautification of the place where the shoe holder is located. After the seed grew on the shoe holder, the plant should be planted in another base of soil that is larger than the shoe holder. This study is attached to the economy of the world because it was related to our environment. This study revealed the effectiveness of planting and taking care of the plants for students and other people to know the importance of planting trees in our generation.

Keywords: saving environment, cleaning environment, wildlife, eco-friendly

Effectiveness of Recycling Plastic Waste into Lampshade in Grade 12 Accountancy, Business, and Management Strand Students Bestlink College of the Philippines

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Abstract

This research study focused on the effectiveness of recycling junk food plastic waste into a lampshade for Grade 12 Accountancy, Business, and Management (ABM) Strand students of the Bestlink College of the Philippines. This study presented how recycling will help the students and the environment. A qualitative method was implemented, and this study used a descriptive type of research to show the results. The information was collected through questionnaires that were distributed to 50 selected Grade 12 ABM Strand students. Few variables of recycling junk food, such as well-organized, saving space, beautiful ambiance, saving the environment, reducing waste, saving money, students' creativeness, cleanliness, and discipline, were considered. The results of the study revealed that well-organized is a factor in the effectiveness of recycling junk food in the students. Therefore, a student should learn how to recycle effectively. The results demonstrated the value of recycling junk food for students to understand and be aware of its effect on their surroundings and especially our nature and encourage themselves to recycle. A program/workshop must be implemented to teach students the value of recycling and perform recycling.

Keywords: space-saving, beautiful ambiance, save the environment, reducing waste, money-saving, students' creativeness, cleanliness, discipline

Usefulness of Recycling Coconut Shell in Making Unique Kitchen Utensils to Selected ABM Strand Students at Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

This study focused on the usefulness of kitchen utensils made out of recycled coconut shells and how this can lessen plastic usage in every household. The study also helped the students to become creative and resourceful because Accountancy, Business, and Management (ABM) Strand students are inclined to the business world, it will be easy for them to sell this product and market all the products made from the process of recycling coconut shell because they have confidence and knowledge in terms of marketing. The researcher used the qualitative method by using the descriptive research design. This study involved 50 selected respondents from Grade 12 ABM Strand students. Seven variables in terms of the usefulness of recycling a coconut shell, such as to save money, it can be a business, functional kitchen tools, decrease in plastic usage, well-recycled, usefulness, and creativeness, were considered. The results of the study showed that more and more students were becoming interested in recycling; not only did they gain new knowledge, lessen their expenses, made themselves more productive and creative, it also helped lessen pollution brought by the improper use of plastic. The respondents of the study indicated that making do-it-yourself kitchen utensils made out of coconut shells is attractive. They agreed that it can also be used in long term. They can also make a business out of it. It will display the resourceful and creativeness of the individual; these products are sustainable because coconut tree is found everywhere in the country.

Keywords: recycling utensils, coconut shells, reduce waste, cleanliness, discipline

Benefits of Using Trashcan Made of Plastic Caps in Minimizing Garbage in Bestlink College of the Philippines

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Abstract

Pollution continuously spreads and affects some areas, thereby polluting our environment. Hence, we created a new product made of plastic caps to minimize the garbage around us. We need to know the importance of recycling and proper waste management. The objective of this research was to lessen waste on the environment and create a new product that will contribute to our society. Knowledge and creativity help create new products made of plastic waste. The research focused on minimizing the amount of garbage thrown by Accountancy, Business, and Management (ABM) Strand students. The study showed the benefits of using trashcans made of plastic caps in minimizing waste for selected Grade 12 ABM Strand students at Bestlink College of the Philippines. A qualitative method was used in this action research by using the descriptive research design. This study involved 50 selected Grade 12 ABM Strand students. Four variables, such as minimizing garbage, how the trashcan helps the students, the impact of a recycled trashcan on the environment, and how this study can help future researchers, were considered the benefits of using trashcans made of plastic caps. The recycled trashcan attracted the students to use it for its purpose. This product was also effective for the proper waste management of students. This study encouraged grade 12 students to be creative in recycling plastic waste; the students' creativeness became an eye-opener for them. The study revealed that recycled trash also had other benefits in addition to helping the environment by reducing plastics; it also improved the creativity of students by reducing plastics and the creativity of students by making other products with recyclable materials. The researchers recommended that school administrators should have many related activities on saving our environment, proper waste segregation, workshops, and seminars about recycling that they can do in their homes. In addition to having wider knowledge about this topic, the students' creativity will be improved because these activities will teach them to be innovators while helping the environment.

Keywords: recycle, segregation, plastic cap

Benefits of 3B Trash Bins in Every Floor for Proper Segregation in Senior High School
Department of Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

This study aimed to implement, inform, and advise the students about proper waste segregation in their respective areas. we are helping the environment by ensuring its safety and the students in cultivating discipline and decency. Through the implementation of our research output on every floor, we also made the utility staff's job easier by placing trash cans inside the Bestlink College of the Philippines campus. Our research study used the descriptive method, in which we gathered data by giving out survey questionnaires that highlight the respondents' opinions and recommendations toward the study. The respondents of the study included randomly selected Grade 12 Accountancy, Business, and Management Strand students at Bestlink College of the Philippines, S.Y. 2019–2020. The focus of this study was to know the benefits of 3B trashcans on every floor for proper segregation. The factors that affect the academic performance of the students include improper waste disposal, unpleasant surroundings, and teachers' behavior. Most students do not know how to discipline themselves by segregating the waste in a proper trash bin. The results showed that some of the respondents strongly agreed that having a 3B trash bin is necessary on every floor, whereas few disagreed. The teachers are problematic in waste segregation and on how the students comply with waste disposal. Hence, the teachers are satisfied with the 3B trash bin because it is more convenient and life-changing. This study will impact the students, teachers, staff, and environment considerably. Considering the large size of the community, garbage disposal should be improved, and students' improper garbage disposal habits should be corrected. We will simultaneously improve proper waste segregation.

Keywords: proper segregation, students' discipline

Benefits of Recycling Shoe Box in Making Organizer Box in Grade 12 Accountancy, Business, and Management Strand Students at Bestlink College of the Philippines

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Abstract

This research study focused on the benefits of recycling shoeboxes to Grade 12 Accountancy, Business, and Management (ABM) Strand students of the Bestlink College of the Philippines. This study will present how recycling will help the students and the environment. A qualitative method was implemented, and this study used a descriptive type of research to show the results of this study. The information was collected through questionnaires that were distributed to 50 selected grade 12 ABM Strand students. The variables of recycling shoe boxes, including well-organized, space-saving, beautiful ambiance, environment--friendly, reduce waste, save money, students' creativity, cleanliness, and discipline, were considered. The result of the study revealed that well organized was one factor of the benefits of recycling shoe boxes in the students. Therefore, students should learn how to recycle effectively. The result demonstrated that the students should value recycling shoeboxes to be aware of their surroundings, especially nature, and encourage them to recycle. A program/workshop must be created to teach students the value of recycling and how to recycle.

Keywords: recycling shoeboxes, save the environment, reducing waste, saving money, students' creativity, cleanliness, discipline

Level of Effectiveness of Putting Line in Middle of Stairs for Safety of Student and Teachers

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Abstract

This research focused on the effectiveness of drawing a line in the middle of the stairs to avoid having accidents and arguments in using stairs in Bestlink College of the Philippines. Putting a line in the middle of the stairs with the signage of keep on the right going upstairs and downstairs can prevent misunderstanding, accidents and avoid spending a long time using the stairs. The researchers used the descriptive method in pursuing this study because the descriptive method describes what is the certain problem or subject all about. In this action research, we described how the lines in the middle of the stairs can be useful in our school for the safety of the stair users. The descriptive method in pursuing this study because the descriptive method describes what is the certain problem all about. The researchers used the qualitative method in pursuing the study by using the descriptive research design, specifically with the use of a survey questionnaire. The researchers also used random sampling in selecting 50 Grade 12 Accountancy, Business, and Management Strand students as respondents. The effectiveness of putting a line in the middle of the stairs is that the students will develop discipline within themselves. It can help the stair users to prevent accidents and have trouble when using the stairs. Good stairway design can substantially reduce the potential for misstepping. If stairways are placed properly, then stairways help the energy in our home to move up and down easily and smoothly. The variable "quickly going up and down when using stairs" obtained the weighted mean of 4.08% when a line was drawn in the middle of the stairs. The research revealed that drawing a line in the middle of the stairs effectively avoided facing struggles in school surroundings. It also decreased the unexpected incidents that could happen in the school while using the stairs, such as severe injuries or even can cause sudden death.

Keywords: effectiveness, stairway, disproportionate, risky

Effectiveness of Using Garbage Hoops for Strategic Plastic Bottles Disposal

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Abstract

This topic is one of the most pressing issues in our society and has a huge impact on our community. This topic evaluated the effectiveness of using garbage hoops for strategic plastic bottle disposal. This topic encouraged the students, teachers, and school administrators to throw plastic bottles the right way. Segregation is one of the most important activities that should be promoted and enforced for effective waste management. This study is important because it will prevent the students from leaving plastic bottles in the canteen, room, and tables. The researchers' objective was to clean the environment, lessen the number of the plastic bottle, and practice the discipline of an individual, especially the students of Bestlink College of the Philippines. Lastly, the objective of this study was to avoid the improper throwing of plastic bottles. The overall purpose of this study was to maintain the proper disposal of the students, teachers, and school administrators. We used the survey method because it is the most common way to gather information about the research subject; it is the simplest way to evaluate the effectiveness of garbage hoops to the respondents. We chose the qualitative design because we want to answer the whys and hows of the phenomena in question. Considering that this qualitative design is more often used in a subjective context, the findings were gathered in a written format as opposed to numerical. Plastic bottles cause flooding that affects the environment and one cause of any illness that affects our health. This product helped the students learn discipline, proper disposal, and proper segregation. It also helped the teacher and nature. This action plan revealed the effectiveness of using the garbage hoops strategy, especially in our school, to maintain the proper disposal of plastic bottles. The students learned to segregate their waste, that is, they know how which garbage is biodegradable and which is nonbiodegradable. Concerning cleanliness and orderliness, the students throw their plastic bottles into the garbage hoops. Thus, no unused plastic bottles are left.

Keywords: segregation, garbage hoops, biodegradable, nonbiodegradable, disposal, phenomena

Effects of Improving Recyclable Plastic Bottles as Classroom Decoration on Grade 12 Accountancy, Business, and Management Strand Students at Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

The researcher focused on the effects of improving recyclable plastic bottles as a classroom decoration, which may enhance their multiple skills. "Recycling today for a better tomorrow." Recycling is the process of enhancing an existing product that may bring some effects on people in the future. The quotation above indicated that recycling can be beneficial to anyone. Plastic recycling refers to the process of recovering waste or scrap plastic and reprocessing the materials into functional and useful products. Thus, the researchers decided to improve recyclable plastic bottles and determine their effects. The school is experiencing an environmental problem, that is, plastic waste pollution. The purpose of this study was to improve the students' skills. The importance of this study was to determine the positive and negative effects of plastic recycling. The study used descriptive design and qualitative research. This study included 50 selected grade 12 Accountancy, Business, and Management (ABM) Strand students. Nine variables were considered to determine the effects of improving recyclable plastic bottles as classroom decorations. The method used was a survey. The researchers used convenience sampling because it is easy to use, along with its other research advantages. In pilot studies, a convenience sample was used because it allowed the researcher to obtain basic data and trends regarding his study without the complications of using a randomized sample. The result of this study improved the skills of Grade 12 ABM Strand students in recycling plastic bottles in terms of environmental cleanliness, saving money, creating trash, and the time needed. The study revealed that improving recyclable plastic bottles as classroom decorations has a remarkable impact on students' learning because it can boost them to think actively and show their skills. The researchers provided the following recommendations. The students should improve their skills, and parents should guide their children in their learning. Teachers should also help their students to become responsible. The school administration also needs to implement an "eco-friendly school zone." Lastly, future researchers can use this study as their reference.

Keywords: recycling, scrap, plastic bottles

Conducting Business Plan Tutorial among Grade 12 ABM Strand Students in Bestlink College of the Philippines

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Abstract

In recent years, the students of Bestlink College of the Philippines are facing one of the major problems, that is, making a business plan. A business plan is a written document regarding a business goal, objectives, and strategies. A business plan provides a path where the main objective is to be successful. "Although no one's going to force you to draw up a business plan, having one is always going to improve your chances of reaching the goals you set for yourself." The presurvey showed that 6 out of 10 students cannot make a business plan. They say that a business plan is similar to a research paper; it has chapters to follow and requires a defense. The study used the descriptive method to describe the nature of a study by using survey questionnaires to gather accurate information about the topic that the researchers investigated. This study presented the improvements of the students in conducting a business plan tutorial. This research sought to improve the students by conducting a business plan tutorial in terms of planning a business, business mindset, and academic performance, specifically to students. The following are the important findings of the study. In terms of students' interest, the respondents agreed that having an interest in the subject may affect making a business plan. The total average weighted mean in terms of the teacher's specialization was 3.94, which agreed that the teacher should have graduated with a Bachelor's Degree in Science and Business Administration or must have a business-related course. The study revealed that lacking knowledge of creating a business plan or lack of confidence is the main reason why students have a low performance inside the classroom. It also affects one's personal communication with others because they received criticism or discrimination from their parents or even their family members.

Keywords: criticism, discrimination, business plan

Enhancing English Speaking by Using Tips and Guidelines among Grade 12 ABM Strand
Students of Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

One of the goals of this action research was to educate students who lack knowledge about speaking in English. English as the universal language is the one that we usually use in schools. We should learn and understand English because we also used this language for academic purposes and communication. Learning how to speak English fluently is one of the problems many Filipinos have. Through speaking, we can open our minds, express ourselves, and communicate with others. A qualitative method was used in this study by using a descriptive research design. This study involved 50 selected grade 12 Accountancy, Business, and Management Strand students. The results of this study showed that most students are experiencing difficulty in pronunciation mainly because of the lack of knowledge about unfamiliar words and correct pronunciation. The study revealed that some students are experiencing low self-esteem because they have difficulty speaking English. It also affects students' personal communication with others because they received criticism from other people.

Keywords: English, speaking, unfamiliar words, pronunciation, universal language

Action Research on Effectiveness of Helmet with Wiper for Safety of Student Motorcycle Riders

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Abstract

The research focused on providing motorcycle drivers with a safe way to drive during bad weather. The study showed the effectiveness of helmets with wipers for the safety of grade 12 Accountancy, Business, and Management (ABM) Strand students of Bestlink College of the Philippines who are motorcycle riders. Motorcycles are different from other cars that are fully covered and protected. Hence, during the rainy season, motorcycle drivers have difficulties in driving due to heavy rains. Cars have wipers that help the driver to see clearly when raining, but motorcycles do not have wipers. Thus, we decided to put wipers in the helmet to allow riders to see clearly when raining. Wearing a helmet can reduce the risk of serious brain injury and death due to a fall or collision because most of the impact is absorbed by the helmet. This study is important because it talks about people's safety when riding a motorcycle. The objectives of this study were to help people, especially motorcycle drivers, by creating helmets with wipers to prevent the brain from damage in an accident during the rainy season. A qualitative method was used in this action research by using the descriptive research design. This study involved 50 selected motorcycle riders from grade 12 ABM Strand students. We chose the qualitative design because we want to answer the whys and hows of the phenomenon in question. Four variables were considered regarding the effectiveness of helmets with wipers, such as effects of raindrops on drivers, the importance of helmets with wipers, precautionary measures during rainy days, and ways to prevent motorcycle accidents. Rainy season or bad weather is a huge risk for motorcycle rider's safety. The results revealed that students look forward to and trust the helmet wiper as safety gear to prevent an accident. According to the respondents, it is easier to drive when raining because they can see the road even during bad weather. The study revealed that the helmet with wiper is effective in ensuring the safety of motorcycle riders. The study also showed the advantages of using a helmet with a wiper to ensure safety or prevent serious injuries. This result also showed the effectiveness of helmets with wipers that are used in other countries with solid results, feedback, and a basis for further innovation.

Keywords: wipers, life strategy, risk, riders, helmet

Improving Proper Segregation by Using Three Colored Trash Bins Made of Recyclable Plastic Bottles in Grade 12 ABM Strand Students at Bestlink College of the Philippines

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Abstract

In this research, we made three colored trash bins by using plastic bottles. We used plastic bottles to lessen up the trash bottles to our environment. These plastic bottles can be used to make a trash bin for proper segregation. As we observed at Bestlink College of the Philippines, there are many trash bins on every side of the campus, but it has no segregation by using three colored trash bins. This action research can improve the paper segregation of wastes by using three colored trash bins for proper segregation. A descriptive research design was used to describe the characteristics of the population of this research study. The 50 selected grade 12 Accountancy, Business, and Management Strand students in Bestlink College of the Philippines were the participants who answered the survey forms to gather accurate and reliable information. The results showed that improving segregation by using three colored trash bins made of recycled plastic bottles in classrooms has a positive outcome. To reduce improper waste segregation, the students used the three colored trash bins for trash segregation. This practice improved the mindset of students in terms of proper waste segregation. This study suggested that all students should be responsible for their trash. To maintain cleanliness and manage plastic waste, all students must cooperate to make this research effective and successful.

Keywords: recycling plastic bottles, proper waste disposal, classroom management, school environment

Analysis of Benefits of Making Fertilizer by Using Waste Vegetables for Grade 12 ABM Strand Students in Bestlink College of the Philippines

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Joanna Marrie Angelo Odato
Joevelyn Joy Ortega
Maria Luz Pedregosa
Kimberly Joyce Borja Embile
Bestlink College of the Philippines

Abstract

This action research focused on improving the proper segregation at Bestlink College of the Philippines regarding vegetable waste for our garden to make the plants grow. The researchers believed that this topic is extremely serious because all vegetables are wasted, but think all of the people who are involved in this situation. People should know the way to make the waste a product to help the school by providing fertilizers needed by the plants to grow healthy. The objective of this study was to save money. The money that is supposed to be used to buy fertilizer can be used to buy seeds to create fertilizer, reduce vegetable waste, and avoid floods. The researchers used the qualitative method. The respondents of this research were 50 selected grade 12 Accountancy, Business, and Management Strand students. We gathered information about how vegetable waste can help our environment. In terms of planting, to grow plants healthy and create a product such as fertilizer/organic fertilizer. o maintain the effectiveness of vegetable waste, it should always be managed for the proper waste segregation of biodegradable and nonbiodegradable trash; biodegradable waste, such as vegetables, can be made into fertilizer; biodegradable waste such as vegetables can be made into fertilizer. The results of this study showed that having proper waste segregation (i.e., biodegradable and nonbiodegradable) can maintain the effectiveness of vegetable waste to make it fertilizer. We came up with this study to help the school become more beautiful and give some knowledge to the students on how to make fertilizers.

Keywords: vegetable fertilizer, organic fertilizer, healthy soil

Effectiveness of Rules and Regulations on Grade 12 HUMSS Strand Student in Bestlink College of the Philippines: An Assessment

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Abstract

Students are the key stakeholders and most essential resources in education. Students should be directed to exhibit an acceptable attitude and behavior within and outside the school. The school management specifies rules and regulations to guide the activities of members of the educational institution, thereby ensuring an organized and peaceful school environment and maintaining law and order. This study aimed to assess the effectiveness of rules and regulations on Grade 12 Humanities and Social Sciences (HUMSS) Strand students at Bestlink College of the Philippines. This research utilized a quantitative method of research. Descriptive design was also used to describe the situation of this study. The researcher used a stratified sampling technique to select the respondents to determine the effects of rules and regulations on the academic performance of Grade 12 HUMSS Strand students' grade. A questionnaire was the instrument used to obtain the data of the respondents. The questionnaire consisted of questions that were primed, hand-written, and typed in a definite order on a form or set of forms. The results of the study showed how rules and regulations affect the academic performance of Grade 12 HUMSS stand students. In terms of attendance (61%), behavior (83%), wearing complete school uniform (72%), charging (69%), and having a proper haircut (66%), the majority answered strongly agree (percentage in each variable). In academic performance or class discussions, 60% of the respondents agreed on this matter. Most respondents have the perceptions that individually, they occasionally break school rules and do not follow regulations. The respondents believed that other students in their respective schools also occasionally break school rules and do not follow regulations. The majority of respondents have been punished several times after breaking school rules and regulations. The researchers recommended that school rules and regulations must be emphasized and given enough awareness to create harmony and cooperation among students and lead more students to become good citizens.

Keywords: resource, education

Advantages of Recycling Plastic Bottles into Trashcan in Proper Waste Disposal of Grade 12
ABM Strand Students at Bestlink College of the Philippines

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Abstract

The study focused on the advantages of recycling plastic bottles into a trashcan for proper waste disposal among Grade 12 Accountancy, Business, and Management Strand students at Bestlink College of the Philippines. Recycling is the best thing to do to help the environment. It also helps the students to be more creative in making a new product by using waste materials. The researchers used the qualitative method. Decrease garbage is one of the of recycling plastic bottles into a trashcan for proper waste disposal. Most of the respondents strongly agreed that using plastic bottles for making trashcans can decrease the number of garbage and hone their creativity. It will lessen the habit of burning garbage and can help the person who collects waste. However, some respondents agreed that something useful should be created. This study showed the amount of plastic bottle waste that can be used in every classroom of the school. The results of this study showed some factors that can be used to reduce the amount of bottle waste in school to help the environment.

Keywords: recycling plastic bottles, reduce plastic

Advantages of Recycled Plastic Materials in Creating Unique Products in Selected ABM Strand Students in Bestlink College of the Philippines

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Abstract

The research focused on recycling plastic waste, specifically plastic bags into a new product, that is, belt. The study revealed the aspects that may lead to the advantages of recycled plastics in creating belts in selected male Accountancy, Business, and Management (ABM) Strand students in Bestlink College of the Philippines. Qualitative research was used in this study using the descriptive research design. This study involved 50 selected Grade 12 ABM students. Three variables, such as students' creativity; extra income; and a fashionable, durable, unique, and affordable product, were the advantages of making belts from plastic. One of the advantages of recycling is having extra money by selling products made from recycled plastics and making it a business. The effects of inappropriate waste disposal also have a detrimental impact on students' health because it can cause diseases. The study revealed that belts created using recycled plastic bags are useful and can be worn by male students. The study revealed that belts created using recycled plastic bags are useful and can be worn by male students.. Hence, plastic bags are not scattered everywhere, which can increase the amount of garbage. Thus, students are less likely to contact diseases due to a dirty environment.

Keywords: plastic belts, recycled plastic, inappropriate waste disposal

Analysis of Advantages of Using Biodegradable Waste in School Canteen as Agricultural Fertilizer in Grade 12 ABM Students in Bestlink College of the Philippines

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Juzieth Adriano
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Abstract

The research focused on the advantages of using biodegradable waste in the canteen as an agricultural fertilizer in Grade 12 Accountancy, Business, and Management (ABM) Strand students at Bestlink College of the Philippines. Biodegradable waste inspires people's creativity to use things that are already useless. It can also help students to be innovative. The researchers used the qualitative method. The research included 50 selected grade 12 ABM Strand students. Three variables were regarding the advantages of using biodegradable waste as agricultural fertilizer; these variables included saving money, helping the environment, and resourcefulness. The resourcefulness of the students is a factor of the advantages of using biodegradable waste as agricultural waste. In this aspect, students will also be creative and save their money by not buying fertilizers. The study also showed that improper waste disposal in the school canteen can affect the ambiance of the school. This result also showed that every person should be responsible for the school environment. This study showed the alternative things that every individual can make to reduce costs.

Keywords: biodegradable waste, fertilizer

Effectiveness of Creating Pot and Plant Holder by Using Recyclable 1.5 L Softdrinks Plastic Bottles among Grade 12 ABM Strand Students in Bestlink College of the Philippines

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Abstract

This research was conducted to recognize that plastics are useful and play a crucial role in the environment. Many people are using plastic, but they never reuse or recycle it. Most plastics are nonbiodegradable that can last for a decade or a century. Given the durability of plastic, it can affect landfills and oceans and causes environmental damage. Recycling is the most important practice to reduce plastic. Recycling can create many products that can be sold as a business. The purpose of this research was to save the environment by recycling plastic bottles. The research was conducted to improve the waste management in our school and minimize plastic waste. This research improved the students' creativity and taught students to have discipline. The research method used was descriptive. The respondents were Grade 12 Accountancy, Business, and Management Strand students of Bestlink College of the Philippines, S.Y. 2019–2020. The sampling technique used was convenience sampling to easily gather all the needed data by selecting 10 respondents in every section to represent the entire population. This study improved plastic waste in the school environment, creativity, and discipline of a student. This result also showed that recycling is an effective way to minimize plastic waste. Students became responsible for managing plastic waste. The majority had a positive effect in terms of health because it helped the students inhale fresh air in their classroom and made the students more creative. Adding plastic potholders in a classroom is extremely unique. Thus, its presence makes the classroom more attractive. However, it will make the students accountable for their surroundings. This study suggested that the students should be responsible for maintaining and managing plastic waste. It also needs students' cooperation to make this research effective and successful. This study can help reduce pollution from plastic bottles that can be seen anywhere by making creative and colorful pots using 1.5 plastic bottles for plants, which is an affordable way to make pots at home.

Keywords: recycling, source of income, waste management, student's creativity

Benefits of Recycling Bottle Caps to Make Curtains at Bestlink College of The Philippines

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Abstract

This research focused on how recycling will benefit every individual, specifically grade 12 Accountancy, Business, and Management (ABM) Strand students at Bestlink College of the Philippines. The researchers wanted to clarify the nature of recycling because it will help our environment, encourage people to recycle every waste, and discipline the students in terms of proper waste disposal. The researchers used the qualitative method. The research involved 50 selected Grade 12 ABM strand students. Three variables, such as saving money from buying new raw materials and enhancing the students' creativity regarding arts, were the advantages of recycling. Creativeness is a behavior that serves as an advantage from recycling because it will avoid the high cost of purchasing new products. Instead of buying raw materials, the students can also sell recycled products at an affordable price. This research showed that wrong behavior could lead to such as improper waste disposal, which can affect the environment. The results also showed how people should act accordingly. The students will also learn how to make a recycled curtain that will benefit the environment and themselves.

Keywords: plastic caps, recycling, students' creativity, saving money

Advantages of Using Bottle Sprayer as Alternative Sprinkler in Bestlink College of the Philippines

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Abstract

This research focused on the advantages of using a bottle sprayer to lessen the amount of water in watering the plants. This study aims to create an alternative way to make new things with the help of used bottled water. One of the problems in our community is waste segregation. This alternative water sprinkler is made to lessen plastic bottle waste and conserves water. This study aimed to create an alternative way to make new things with the help of used bottled water. Overall, this study aimed to educate students on how to make a new product out of recyclable materials. This study was limited only to selected Grade 12 Accountancy, Business, and Management (ABM) Strand students at Bestlink College of the Philippines, Novaliches Quezon City. This study was conducted in S.Y. 2019–2020 to determine the advantage of using a bottle sprayer as an alternative sprinkler. The information needed will be gathered using a checklist-style questionnaire. The researcher gathered information by analyzing, classifying, and tabulating data. The respondents of this study were 50 randomly selected grade 12 ABM Strand students from sections 12-08 and 12-17. Alternative sprinklers reduced the amount of waste and reduced the negative impacts of waste materials on human health. In terms of waste management, alternative sprinklers reduced waste, especially the plastic bottles that are generally found in the trash. Waste can be more productive and convenient. In terms of water conservation, alternative sprinklers minimized the amount of sprinkled water when watering plants. In terms of eco-friendliness, alternative sprinklers made our surroundings presentable to look at when recycled materials are being used. It has been a huge issue regarding plastic contamination. It can destroy the lives of animals, especially those in oceans. Flooded bottles that have been thrown in the oceans may kill and contaminate fish; if we eat contaminated fish, then we will also become contaminated. A single bottle will take years to break down into pieces; hence, instead of throwing it, people must work together to develop a process and recycle plastic bottles and then convert them into useful items. The study revealed that using a bottle sprayer will be helpful and extremely convenient to use for Grade 12 ABM Strand students.

Keywords: recyclable, water sprinkler, segregation, waste

Understanding Recycling Behavior: A Study of Different Factors Affecting Waste Recycling of Selected Grade 12 ABM Strand Students at Bestlink College of the Philippines

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Abstract

This research focused on understanding recycling behavior and different factors affecting waste recycling of selected grade 12 Accountancy, Business, and Management (ABM) Strand students at Bestlink College of the Philippines. By conducting this research, the researchers determined the factors of behavior that affect the students from not making a recycled product. Therefore, the researchers now are giving tips about doing recycled products as a solution to the problem. The researchers used the qualitative method. The research involved 50 selected grade 12 ABM Strand students. Three variables, such as saving money from buying new raw materials and enhancing the creativity of the students regarding arts, were the advantages of recycling. Creativeness a behavior that is serves as an advantage from recycling. Recycling will avoid the high cost of purchasing new products. Instead of buying raw materials, the students can also practice their skills in innovating things, and they can also sell recycled products at an affordable price. The study showed that wrong behavior could lead to improper waste disposal, which can affect the environment. This result also showed how people should act accordingly. The students will also learn how to make recycled products that will benefit the environment and themselves.

Keywords: recycling behavior, creativeness, resourceful

Effectiveness of Using Water Filtration Container in Improving Students' Awareness

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Abstract

Nowadays, pollution is one of the major problems of our society. Water pollution can destroy the environment. Water pollution is the contamination of water bodies that is usually a result of human activity. Given that water is polluted, some students will be forced to buy mineral water. This study was conducted at Bestlink College of the Philippines. The objective of this study was to clean water from faucets that have rust and avoid the drinker from having diseases due to unclean water. The water filtration system will purify water by removing impurities and making this water safe for everyone to drink while improving its taste. The qualitative method was used in this action research by using the descriptive research design. This study involved 50 selected grade 12 Accountancy, Business, and Management Strand students. Four variables, such as the effects of improper use of water filtration containers, the importance of water filtration containers, and awareness in using a water filtration container, were considered regarding the effectiveness of the water filtration container. The results of the study revealed that the water filter was extremely effective for the safety of the students. The study also showed the effects of using a water filter to ensure the students' health and prevent them from having different illnesses or diseases that may come from the water they drink daily. Some respondents agreed that if we secure the cleanliness of the container we use, then we will not be easily contaminated by the water we drink. Water is one of the most essential and one of our basic needs in life. In short, water is one's source of life. As a consumer, we must always secure the cleanliness of water we drink because it can make us sick if we are not careful enough about the water we drink. As water consumers, we conducted this study that may help everyone. We came up with this water filtration system that is extremely convenient to use and eco-friendly because it is made of recycled materials.

Keywords: water filtration, safety, contamination

Effects of Converting Used Paper into Flower Vase on Grade 12 ABM Strand Students in
Bestlink College of the Philippines

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Abstract

This research focused on the effect of converting used paper into a flower vase. The study revealed that used paper can be made into a helpful product such as a flower vase. A qualitative method was used in this study using the descriptive research design. This study involved 50 selected grade 12 Accountancy, Business, and Management Strand students. Converting used paper into a flower vase can reduce the amount of paper waste in every classroom and recycle paper into a new product. Another aspect revealed that the paper flower vase can be used to grow plants instead of manufactured vases. The study revealed that converting used paper into a flower vase can help not only the school but also the environment. The study also showed that the students could plant more trees and flowers by using paper flower vases. The students can also have a pleasant room decorated with paper flower vases.

Keywords: paper waste

Benefits of Chili Spray by Using Chili Powder and Alcohol for Self-Defense of Female Grade 12 ABM Strand Students in Bestlink College of The Philippines

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Carlo Lianza
Janemhelyn Alvendo
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Abstract

The research focused on the safety of the students, especially women in terms of public safety and self-awareness in school. The method of this study was qualitative in nature, and descriptive research was used. This study involved 50 selected grade 12 Accountancy, Business, and Management Strand students. Three variables, such as public safety, self-defense, the tool is simple to carry, and easy to use, were the effects of chili spray by using chili powder and alcohol for self-defense. Giving women protection and an effective weapon is one of the best impacts of using the chili spray as self-defense. Our survey also revealed that most of the female students agreed that using chili spray is adaptable and convenient in our society today. The results of the study revealed that using chili spray can be a good distraction against the attacker. Hence, the victims can get away easily. In particular, now that the surroundings are not safe for everybody, owning this kind of item is a relief for most of the female respondents because they will feel secure and independent. The study also revealed that you can also defend yourself against animal attacks, such as dogs and other harmless animals.

Keywords: awareness in self-defense, simple to carry, easy to use, self-awareness

Multifunction of Bamboo Trunks in Grade 12 Accountancy, Business, and Management Strand Students in Bestlink College of the Philippines

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Marialyn Tejeresas
Roselyn Marcellano
Bestlink College of the Philippines

Abstract

This research study focused on the multifunction of bamboo trunks in Grade 12 Accountancy, Business, and Management Strand students at Bestlink College of the Philippines. This study presented how to save water that can help the students and the environment. The researchers used qualitative descriptive research design and survey method. Water is saved and preserved; thus, there is less water production. Materials are safe, natural, and eco-friendly to prevent water shortage to study how bamboo can help in saving water. The respondents were 50 students from section 08-18 in Bestlink College of the Philippines. The results of the study revealed that bamboo can be used as irrigation to save water and help our environment or our school. Therefore, conserving water can help our everyday needs. In this study, the students need to understand the importance of saving water and a healthy lifestyle. Teachers should also make their students support the study, which promotes a healthy body not only in their classroom but also inside the school. This will help the school personnel to inform the students to save water. Thus, this study helped not only the students but even their parents in guiding their children in practicing saving water management in their homes. We recommended future researchers conduct their study, which can help maintain a healthy lifestyle and our environment and attain their purpose by using this research as a basis and using a different plan with the same motive as this study.

Keywords: saving water, conserving water, less water production

Effects of Using Dry Leaves in Creating Classroom Decoration as Anti-Stress Activity of Grade 12 ABM Strand Students at Bestlink College of the Philippines

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Abstract

This action research focused on the effects of reducing dry leaves on creating classroom decorations of Grade 12 Accountancy, Business, and Management (ABM) Strand students of Bestlink College of the Philippines. Using dry leaves can help the students to make a new decoration in terms of creating by using waste dry leaves. It helps avoid clogging, floods, and air pollution from burning leaves, thereby reducing plastic and paper waste that can make a new decoration. It also helps us to be creative and care for the environment. Many things that can do in Dry leaves can be made into decorations. The researchers used the qualitative method. The research involved 50 selected grade 12 ABM Strand students. Three variables, such as; students' creativity, improvement of classroom designs, and lessen dry leaves, were considered regarding the advantage of creating classroom decorations by using dry leaves. The results showed that students cooperated to finish this task. The students also acknowledged this chance to gain knowledge in terms of creativeness. It is effective for students because it can be their hobby. Giving time to do such an activity instead of being stressed out about other things. This study showed the amount of waste dry leaves that can affect the environment of the school. This study showed some factors that can be used to reduce the number of dry leaves. This work also showed the possible decorations that can be made by using waste dry leaves.

Keywords: dry leaves, classroom decoration

Effectiveness of Using Recycled Plastic Broomstick to Maintain Cleanliness of Classrooms of Grade 12 ABM Strand at Bestlink College of the Philippines, S.Y. 2019–2020

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Ruchie Mae Ignacio
Rosenie Evangelio
Jearrie Mae Maglasang
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Abstract

In this generation, plastic is an extremely common material; now, it is widely used by everyone worldwide. Bottles are a common plastic item. The problem with plastic is its disposal. Plastic will not be decomposed when it is buried. Although plastic is a useful material, it becomes waste after it is used. Recycling refers to processing used materials into a new product to prevent waste pollution. This topic is serious because it can build one's knowledge and prevent pollution due to plastic waste; thus, we all can help our society and help people become creative through recycling. The objective of this research was to lessen the number of plastic bottles in our environment and create a new product from this waste. To lessen plastic bottle waste, prevent pollution due to its improper disposal, and create a new item from plastic bottles, we used a descriptive research design for this study. A qualitative method was used in this action research. This study involved 50 Accountancy, Business, and Management strand students. Plastic bottles are scattered everywhere after people use them. Instead of ignoring these wastes, we collected and recycled them to make new products that can be used as cleaning materials. The results of this study showed that the students always keep their classroom clean because of our product; they are willing to clean the classroom because of the cleaning materials we made. This study revealed that recycled plastic broomsticks ensure the cleanliness of the classroom. The results of the study also showed how plastic bottles can be used to lessen the amount of plastic bottle waste. In terms of waste management, the use of recycled plastic broomsticks reduced the waste in the school. We can also save the environment when we make broomsticks. This broomstick is also budget-friendly because we do not need to buy anything to make it; we only have to recycle plastic bottles and use scrap wood. We do not have to spend money, and we can also help our environment.

Keywords: waste management, recycling, decompose

Enhancing Low Self-Esteem by Conducting Cheer Up Club among Grade 12 ABM Strand Students in Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

One of the goals of this action research was to provide knowledge for students who have low self-esteem and how to improve themselves. It is the best way to improve and enhance the weaknesses of the different students among grade 12 students in Bestlink College of the Philippines with low self-esteem. We created a club, which is Cheer Up Club, to help students with low self-esteem develop their hidden skills and talents and express themselves. Cheer Up Club is a club that has many curricular activities that can boost the students' potential and develop them to become the best version of themselves. A qualitative method was used in this study using the descriptive research design. This study involved 50 selected grade 12 Accountancy, Business, and Management Strand students. Low self-esteem or shyness among students is the main reason why they have low performances in class. It also affects the students' personal communication with others because they received criticism or discrimination from their parents or even their family members.

Effects of Using Bamboo Stick Straw on Grade 12 ABM Strand Students at Bestlink College of the Philippines

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Rhea Angeline Mata
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Abstract

One of the game-changing points in straw alternatives is the shift from plastic straws to eco-friendly straws, such as bamboo. The increasing concern with plastic straws, especially those used for food packaging, flooding the water bodies and landfills across the world has made the problems with single-use plastic evident. Hence, the researchers conducted this study to prevent manmade calamities. The researchers used the qualitative method. The research involved 50 selected grade 12 Accountancy, Business, and Management Strand students. Three variables, such as reducing the use of plastic straw, ensuring students' and teachers' health, and lessening plastic garbage, were considered regarding the use of bamboo stick straw. Reusable bamboo straws are a great place to start when reducing plastic pollution because it is 100% biodegradable and washable. In addition, using bamboo straw has many advantages, such as saving money, creativity, and so on. This study showed that bamboo straws can be used every time and will look great in any drink. Bamboo is completely natural, and straws grow without the need for any harmful pesticide or chemical. Bamboo is also fully biodegradable, and will not contribute to the damage that single-use plastic is causing to oceans, rivers, and wildlife habitats all around the world.

Keywords: bamboo straws, reducing the use of plastic straw, reducing plastic pollution

Effects of Improving Flowerpots by Using Old Tires in Grade 12 ABM Strand Students in Bestlink College of the Philippines, S.Y. 2019–2020

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Winnilyn Segarra
John Carlos Semana
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Abstract

This research focused on the effectiveness of improving flowerpots using old tires. The study showed the aspects that may improve flowerpot by using old tires in Grade 12 Accountancy, Business, and Management (ABM) Strand students of Bestlink College of the Philippines. Flowerpot using old tires lessens the waste because old tires are the most challenging source of waste. Our study was conducted at Bestlink College of the Philippines, and we observe that there are more flowerpots broken because those are only made of mud. The flowerpot made of mud is easy to break. Thus, we want to use old tires to make flowerpots that will decrease waste and help the environment. This research aimed to determine the effects of improving flower pot by using old tires. This is important to all people who already want to plant and save the environment. This research will provide information if using tires are effective as flowerpots. A quantitative method was used in this study by using the descriptive research design. This study involved 50 selected grade 12 ABM Strand students. The study indicated that tires are extremely effective in enhancing flower pot; it gives to the school campus for beautification and improves flower pot; it also produces more benefits for students and teachers, as well as the rest of the officers of the school. This project helped plants to become comfortable because it gives a clean surrounding and fresh air to breathe; the students also have discipline in our society. It also enhanced the plants. It has adequate natural lighting that enhances productivity, and the school was designed to reduce stress, become comfortable, and have a consistent temperature. The study showed the right process of recycling some waste materials that are still useful such as old tires can be used in making flowerpots. In a simple way of recycling, we can help the environment. The researchers recommended that the school administration should support the students who are willing to help in the project to help in school beautification and protect the environment. The students should also have good communication with their teachers to avoid losing interest in their activity and do it without complaining.

Keywords: flower pot, fresh air, mud pot

Analysis of Segregation of Excess Foods and Wastes by Using Two large Trashcans at Cafeteria in Bestlink College of the Philippines

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Abstract

This research focused on how two large trash cans affect the students, teachers, and school utilities, as well as how two large trash cans for food waste can manage the waste of the students and teachers in the food court about segregation. The researchers used a qualitative and descriptive method by giving them a survey questionnaire. The respondents of this study were 50 selected Grade 12 Accountancy, Business, and Management Strand students from Bestlink College of the Philippines. Three variables, such as students' discipline, teachers' mood, and Utilities Staff. The results of this study showed that most of the respondents strongly agreed that garbage affects their academic performance. Factors such as lack of focus on the most common effects of this project because of the dirt students see in the school canteen. Students can feel uncomfortable, which may affect their mood in school, especially in the classroom. This research can help the students, teachers, admin, and school utilities. This research can help school utilities, students, and teachers because the waste from the canteen can be reduced. The researchers conducted this research for students and teachers, as well as school utilities, to secure the cleanliness of the school environment and promote proper segregation.

Keywords: proper segregation of waste, school cleanliness

Effectiveness of Creating Flower Pot by Using Tin Can in Bestlink College of The Philippines

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Abstract

Garbage is a problem everywhere. Hence, the researchers conducted this study. The researchers believe that tin cans can be used to create a flower pot to help the environment. The research topic is extremely serious nowadays because our environment changes rapidly. Thus, the researchers conducted this research to help our environment by creating flower pots by using recycled tin cans. The objectives of this research were to promote and give importance to our environment and also be eco-friendly. This study used descriptive with the mixed qualitative method of research for the investigation. The researchers distributed questionnaires to collect data to improve and upgrade our product. The possible effects of having a flower pot in Bestlink College of the Philippines included it motivating the students to do more activities, care for the environment, get higher grades, and become stress-free along with their teacher. Flower pots can provide fresh air, lessen the heat, improve the ambiance, help gain a high success rate, and provide harmful things for our environment. Students can maintain these impacts by taking care of the plant in the flower pot, increasing the number of recycled pots inside the school, recycling damaged pots and making new ones, placing flowerpots inside the rooms, and teaching the students of the uses of flower pots and their effect on our environment.

Keywords: recycle flower pot, growing healthy plants, proper waste disposal

Advantages of G-lights in Saving Electricity Consumption in ABM Strand Students at Bestlink College of the Philippines

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Abstract

Electricity and light are some of the topmost necessities of humans to survive. We use electricity most of the time. Using much electrical equipment such as electric fan, computer, air conditioner, fluorescent lights inside of school increases the rate of electric consumption. This action research aimed to help and give knowledge to the school, especially to its students and to the environment regarding saving electricity consumption by using the alternative source of light. A qualitative method was used in this study by using the descriptive research design. Only 50 grade 12 Accountancy, Business, and Management Strand students of Bestlink College of the Philippines were selected (S.Y. 2019–2020). Each respondent was given a questionnaire, which includes questions that are related to the effects, causes, and advantages of using an alternative source of light on the school, students, and the environment. Using G-lights, which is an alternative source of light, can lessen electricity consumption. G-lights can help save money to pay electric bills. Therefore, G-lights is effective as an alternative source of light to use in case of electricity shortage and lessens the electricity consumption in schools/houses. G-lights can lessen electricity consumption, thereby helping save money. The researchers also concluded that this alternative is eco-friendly. The product is made of recyclable materials such as plastic bottles and glass jars. The students can also benefit from using G-lights. This action research discussed various advantages of G-lights in saving electricity consumption. This alternative light source is not run by electricity; hence, it can reduce electric consumption, is environment-friendly, and is easy to make. Students will also gain knowledge regarding this alternative way of reducing electric consumption.

Keywords: G-lights, electricity consumption

Effectiveness of Making Window Curtains Made of Straw in Grade 12 ABM Strand Students in Bestlink College of the Philippines

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Raymond Roy Bongayan
Mickaella De Guzman
Kimberly Joyce Borja Embile
Bestlink College of the Philippines

Abstract

This research focused on how newspaper affects the academic performance of students in terms of diligence and creativity in school. The study revealed the aspects that may lead to the poor academic performance of grade 12 Accountancy, Business, and Management Strand students of Bestlink College of the Philippines. This study used descriptive with the mixed qualitative method. The data were collected through questionnaires. A total of 50 respondents were randomly chosen to answer the survey questionnaires. Five participants were chosen from each section to answer the questionnaire. The survey consisted of five multiple-choice questions, four questions, and four subsection questions. Respondents were given 10 min to answer the survey questionnaire. Diligence and creativity are some factors that affect the academic performance of the students. The results of this study also proved that students are mentally sound regarding recycled things that can be useful. The study revealed that newspaper has an impact on the academic performance of students mostly because of the plastic pollution they see from our environment. The study also showed that students have a problem choosing between prioritizing their personal lives or school activities, which may lead to the nonparticipation of the students in making assignments, thereby resulting in low quiz scores and poor class performance.

Keywords: newspaper, recycle, diligence, creativity

Benefits of Recyclable Waterproof Hat in Grade 12 Students in Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

Bad weather is one of the common problems in our society. When it is raining outside, we stay inside because we can have diseases, especially headaches, and contact bacteria. Hence, we also buy expensive hats to protect our heads. However, food wrappers can help us from being drenched in rain. The method used in this study was qualitative. We also used descriptive research design. This study focused on the benefits of a recyclable waterproof hat in Grade 12 Accountancy, Business, and Management (ABM) students of Bestlink College of the Philippines. The results of the study revealed the benefits of using a waterproof cap to avoid getting wet while raining, as follows. In terms of (1) students' health, a waterproof cap can help students to avoid getting sick and cold, prevent contacting serious illnesses, and protect scalp and hair from any element). In terms of (2) students' expenses, the waterproof cap is recyclable; hence, wearing it can save the students' money because they do not need to buy expensive caps. Students can also sell this waterproof cap to earn money. In terms of (3) students' innovation, the younger generation can become interested because it can be made even inside the classroom since food wrappers and cartons can also be seen in trash cans or cubicles. To maintain the effectiveness of the waterproof cap, we proposed this study to the Strand head of ABM. Waterproof hats can help the students and the school to reduce the waste in facilities and rooms. Waterproof caps were created to reduce waste in the school or facilities and protect the students' and teachers' health. Waterproof hats can help the administrators to teach the students how waste can help save the environment and protect their health.

Keywords: recycle waterproof hat, student's health, students' expenses

Effectiveness of Do-It-Yourself Vacuum Cleaner to Minimize Dust Problem at Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

The research focused on the effectiveness of making a do-it-yourself (DIY) vacuum cleaner to minimize dust problems. The study revealed the effectiveness of minimizing the dust problem in Bestlink College of the Philippines. However, although there are many laws in this country, the enforcement of RA 8749 has been spotty this is most evident in Metro Manila and other urban centers, where vehicles particularly jeepneys, buses, trucks, and motorcycles emit black smoke. Dust is an accumulation of small particles that include bits of cloth fiber, paper, hair, pet dander, skin cells, dirt, etc. Excessive dust can lead to some health problems; hence, it should be kept under control. This DIY vacuum cleaner can collect dust from the floor and help students to become focused on their studies without being bothered with the ashy color of dust that is attached to their clothes and shoes, which may give them an unpleasing look. The overall purpose of this study was to lessen the dust in rooms, save electricity, recycle plastic bottles, and save money by using cheap and recyclable materials. A qualitative method was used in this study by using a descriptive research design. This qualitative design action plan is more subjective, and the findings are gathered in a written format. This study involved 50 randomly selected students from Accountancy, Business, and Management (ABM) Strand. Three variables, such as the cleanliness of the classroom, students' health, and students' well-being, were considered regarding the effectiveness of making a DIY vacuum cleaner to minimize dust problems. In minimizing the dust problem in the rooms of ABM students, students and janitors are the most beneficiaries in implementing the DIY vacuum cleaner. The results of our study showed that the students agree that if the classroom looks neat and refreshing, it can give them a positive aura; it also prevents the spreading of germs because of the dusty surrounding. Students will also find ease in cleaning the room, and the teachers will be more comfortable teaching. A clean classroom is conducive to learning, which contributes to the well-being of the students. It also helps students to think. The results of the study revealed that dusty surroundings have an impact on the performance of the students mostly because of the unclean and uncomfortable classroom. The study also showed that students and janitors benefit the most from the study.

Keywords: vacuum, recyclable, conducive, health problems

Benefits of Recycling Plastic Bottles in Making Cleaning Materials in Bestlink College of the Philippines

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Abstract

The research focused on how students' learning benefits an efficient broom to the students in terms of recycling plastic bottles. The results of the study revealed the aspects that may lead to a student's cleanliness in their classroom environment. Nowadays, the current problem about the cleanliness in classrooms has been increasing gradually. The students face many challenges, such as dirt and stinky rubbish in their classroom that can disrupt their focus, when they want to learn in their classes. Lack of cleanliness can be a major distraction to students, thereby affecting their performance and negatively affecting their health, attendance, and concentration. A clean school makes a less stressful working environment. The classroom can be defined as an environment; environmental pollutants such as dirt, airborne, microbes, chemical vapors, and aerosol particles may be present in that environment, which exposes students to several diseases. A qualitative method was used in this study by using a descriptive research design. This study involved 50 selected grade 12 Accountancy, Business, and Management Strand students. Three variables, such as students' learning and school management, were considered regarding the benefits of making plastic bottles into brooms. The students' learning is one of the factors that benefit the students. Another aspect revealed that students may also enhance their creative thinking inside the classroom. The study revealed that students' learning has a benefit when you used recycling plastic bottles broom to a student to them during classes. The study also showed that students reduce the amount of waste in their environment, which will improve parental involvement.

Keywords: plastic bottle broomstick, students' learning, school management

Enhancing Skills of Grade 12 ABM Strand Students through Group Study at Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

Many students have difficulty in understanding a research subject; some students do not know how to construct a research paper and do not have any confidence to defend their research paper. With this research group study, we will teach them how to do research. We will give motivation and advice to all students who get frustrated and pressured on making a research paper. This study will help the students with their difficulties in writing a research paper. A descriptive method was used in this study. This study aimed to identify and enhance the skills of students in their Research subject through the group study of Grade 12 Accountancy, Business, and Management (ABM) Strand students at Bestlink College of the Philippines. Grade 12 ABM students should enhance their research skills. The researchers concluded that the reason why most students are not interested in making a research paper is because of the lack of knowledge. The results showed that this group study can help the students, especially grade 12 ABM students. Most students are not interested and have absenteeism because they do not know about making a research paper. Having good Internet access can allow the students to search about something related to their research.

Keywords: research, skills, Internet access

Conducting Community Service to Lessen Absenteeism Among Grade 12 Students of Bestlink College of the Philippines

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Abstract

Students are always absent for several reasons, such as sickness and major illness, accidents, and health problems. Some students also experience personal problems such as mental, emotional, and financial. However, most of the time, the reasons for the students' absenteeism are negative. The purpose of this study was to conduct community service to lessen absenteeism among Accountancy, Business, and Management Strand students of Bestlink College of the Philippines. Conducting community service is the best way to discipline students who are always absent in school. The researchers used the descriptive method as the research design. The instruments used for the research were random sampling, survey, and questionnaire to gather data. The researchers read and applied various local and foreign literature and studies. The finished final draft was validated by the research teacher. The researchers requested the permission of the principal and the research headteacher to research the school. The researchers used a weighted mean to ensure the validity and reliability of the results. The results showed that conducting community service can lessen absenteeism among Grade 12 students. Therefore, the researchers, the reasons why most of the students are always absent in school are because of health problems, own interests, family problems, financial problems, and problems in school as Grade 12 students. The results showed that the student's absenteeism in class can be solved by conducting community service. Most of the students are always absent in school are because of health problems, own interests, family problems, financial problems, and problems in school as Grade 12 students. Parents are still involved in the absenteeism of the students due to financial problems. Having good communication and interpersonal skills can diminish absenteeism among students and can avoid shyness. The parents must motivate the student to participate more in recitation, group activities, extracurricular activities, individual activities, and writing lectures. The school should also conduct community service to students to lessen absenteeism.

Keywords: community service, absenteeism

Improving English Pronunciation by Using Recordings Among Grade 11 ABM Strand Students
in Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

English pronunciation and spelling were irregular; hence, written English was standardized at a time when the pronunciation was changing and evolving. Thus, words with the same spelling ended up having different sounds based on the most common way of pronouncing them. Many English learners, especially Grade 11 students, have problems pronouncing words correctly. Pronunciation is the way how words should sound when spoken by a person. The students of spoken English language or any other spoken Language face problems regarding pronunciation. The researchers used the descriptive method as a research design. The instruments used for this research were convenient sampling, survey, and questionnaire to gather data. The researchers read and applied various related literature and studies from local and foreign researchers. The final draft was validated by the research teacher. The researchers requested the permission of the principal and the research headteacher to research the school. The researchers used a weighted mean to ensure the validity and reliability of the results. The results of this study showed that improving their English pronunciation help students improve their speaking skills by using recording words with the correct pronunciation to improve pronunciation containing many words with meaning and instructions on how to pronounce it. Students must help themselves to learn how to speak and read English. The study revealed that improving English pronunciation by using recordings enhanced the students' English-speaking abilities through listening exercises to improve pronunciation. This activity will help the students in recognizing whether their pronunciation is correct; determining how to improve their speaking skills; and learning the right stress, tone, and rhythm of the word because they do not have enough knowledge about the spoken language. Recording words with the correct pronunciation will help students develop their fluency, improve their pronunciation, extend their vocabulary, deal with everyday situations in English correctly, and understand and use informal or idiomatic English. Improving English pronunciation will help students by encouraging themselves.

Keywords: pronunciation, vocabulary, language, fluency

Enhancing Filipino Words through Filipino Vocabulary Trivia among Grade 11 ABM Strand Students in Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

One of the goals of this action research was to provide knowledge to students who do not know how to use correct Filipino words. It is the best way to improve the grammar and enhance the knowledge of Grade 11 Accountancy, Business, and Management (ABM) Strand students of the Bestlink College of the Philippines regarding Filipino words. This study used a descriptive research design. We used the survey method in this study. A total of 50 grade 11 ABM students of Bestlink College of the Philippines were chosen as respondents. The result of this study revealed that the difficulties encountered by using the Filipino language are unfamiliar words and colloquial words. Most Filipinos also use the English language instead of the Filipino language, thereby affecting the communication of the people by using our native language in formal and proper settings. The results of this study suggested that students should use the Filipino language through communication in any situation. This study also showed that teachers should guide and encourage their students to properly use the native language. The school administrator should also conduct seminars for the students and teachers to empower them about the findings of this study. The researchers also suggested that future researchers should use this work as their reference for their study if they want to know how to enhance the students' knowledge of Filipino words.

Keywords: Filipino language communication, difficulties in Filipino language

Influencing Students' Study Habits by Posting Motivational Signs in Classroom of Grade 12 Accountancy, Business, and Management Strand Students in Bestlink College of the Philippines

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Abstract

The research focused on influencing the students; study habits by posting motivational signs inside the classroom. The study revealed the aspects that may lead to the development of the student in their academic performance at the Bestlink College of the Philippines. A qualitative method was used in this study by using the descriptive research design. This study involved 50 selected grade 12 Accountancy, Business, and Management Strand students. Three variables, such as student behavior, confidence, and academic performance, were considered to improve the students' study habits. Motivation is needed by the students. Advance studying also affects their academic performance and can lessen the stress of the students. Having a habit of studying is a huge advantage for students. Another aspect revealed that students may be affected if they stress themselves excessively and disregard the thing they need to pass. The results of the study revealed that the lack of motivation of the students may cause low self-esteem and self-confidence, which may affect their mental health mostly due to stress that it may bring to the student. Student nowadays has many things to do that they forget to have time to study alone. The study also showed that communication is needed to help students improve themselves as individuals.

Keywords: study habit, motivational sign, student behavior, academic performance

Effectiveness of Creating Ballpen Organizer by Using Recycled Plastic Bottles in Grade 12 ABM Strand Students in Bestlink College of the Philippines

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Abstract

This research focused on the effectiveness of using recycled plastic bottles in creating a ballpen organizer and to lessen the plastic bottle waste in Bestlink College of the Philippines. The researchers used the qualitative method in pursuing the study by using the descriptive research design. The researchers also used random sampling to select 50 Grade 12 Accountancy, Business, and Management Strand students as respondents. Using plastic bottles as ballpen organizers showed that the students will develop their creativity, it can help the students to organize their pens, and it is also eco-friendly. The product is different from other pencil cases because it is made of recycled materials. The students can also create based on their designs. The students, teachers, and the environment will also benefit from the product. Lastly, the product is useful to every student by maintaining the cleanliness and organization of their bags. The results of this research revealed that using a plastic bottle to make a ballpen organizer is effective and extremely productive. It helps not only the students and teachers but most especially helps lessen the plastic bottle waste in our school.

Keywords: recycled plastic bottle organizers, proper waste disposal

Minimizing Air Pollution by Planting Plants in Recyclable Plastic Bottles in Bestlink College of the Philippines

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Abstract

Air is important to people's daily lives. Without air, people cannot live even for a second, they will not be able to breathe, and they will die. At present, one of the primary problems in daily life is air pollution. People inhale and exhale polluted air every day. Air pollution refers to the release of pollutants into the air that is detrimental to human health and the planet as above. The research focused on minimizing air pollution by planting plants in recyclable plastic bottles. The study wants to give action on how to minimize air pollution and lessen the plastic bottles litter everywhere. Planting in recyclable plastic bottles can minimize air pollution with a unity of people, participation, and cooperation for this activity to solve not only air pollution but also the recycling manner and proper littering of plastic bottles of individuals. The method used in the study was the qualitative method by using a descriptive research design. This study involved 50 selected grade 12 Accountancy, Business, and Management Strand students at Bestlink College of the Philippines. Variables such as smokes, deforestation, good ambiance of an environment, students' responsibility, proper plastic disposal, and fresh air inside the campus are the major factors that affect the good ambiance of the environment. Most of the students agreed that they must be responsible for the life of their plants, and students can participate in separating plastic bottles from other wastes according to their classification. The students agreed to implement planting plants in recyclable plastic bottles for the cleanliness of the environment, the good ambiance of the classroom, for them to be responsible, to have fresh air inside of campus, and to have surroundings that at pleasing to the eyes. The results of this study revealed that the major causes of air pollution are smoke and deforestation. In addition to the fact that fresh air will give a good ambiance to the room, students may become more responsible in taking good care of the plants, and they can participate in the proper disposal of plastic bottles. The students agreed to implement planting plants in recyclable plastic bottles for the cleanliness of the environment, the good ambiance of the classroom, students' responsibility, fresh air inside of campus, and surroundings that are pleasing to the eyes.

Keywords: air pollution, segregation

Effectiveness of Using Kaing Basket as Proper Waste Disposal Bins in Collecting Garbage at
Bestlink College of the Philippines

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Abstract

Garbage is one of the problems of a school and also a problem of a garbage collector due to noncompliance with the rules of the school. Thus, the researchers made nonbiodegradable and biodegradable trash cans for proper waste disposal. The use of kaing baskets as trash cans can help the utilities in collecting the garbage easily at Bestlink College of the Philippines. In this study, we used the descriptive survey method with the questionnaire, specifically checklist, as the main tool in gathering the respondents' feedback. This study involved 50 selected grade 12 Accountancy, Business, and Management Strand students. Improper waste disposal is one of the causes why utilities are having a hard time collecting garbage. With proper waste disposal, utilities can easily carry the garbage in kaing baskets because it can lessen the weight. Utilities can do their work earlier and have more time for themselves. Another aspect that students may also be affected if they did not mind their irresponsibility because of their laziness. The study revealed that proper waste disposal can be a huge help to the utilities. The study also showed that some of the students cannot practice their knowledge about proper segregation because of our garbage.

Keywords: proper waste segregation, garbage

Creating Sliding Erasure by Using Plastic Bottles to Minimize Trash in School Environment in Bestlink College of the Philippines

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Abstract

The students of Bestlink College of the Philippines throw plastic bottles in trash bins; thus, instead of considering plastic bottles as waste, we can reuse them by recycling. This topic is serious because recycling plastic bottles can lead to more waste in the school and help the utility staff in segregating trash. The objectives of our research were to help the school and help the students become more eco-friendly. The overall purpose of this study was to lessen the problems of throwing plastic bottles. The researchers surveyed 50 grade 12 Accountancy, Business, and Management Strand students to gather information. The recycled sliding erasure helped the students and teachers in continuing the lessons and made the school more unique in terms of new quality erasure. This study can provide several advantages to Bestlink College of the Philippines, especially to students and teachers who are using the classrooms. This recycled sliding erasure will be the first thing that will be launched in the Philippines.

Keywords: sliding erasure

Benefits of Proper Waste Segregation by Using Biodegradable and Nonbiodegradable Trashcans at Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

The research focused on the benefits of using biodegradable and nonbiodegradable trashcans inside the campus, especially to Grade 12 Accountancy, Business, and Management (ABM) Strand students of Bestlink College of the Philippines. A qualitative method was used in this study by using the descriptive research design. The participants were 50 selected grade 12 ABM Strand students. This study had four variables, such as what are the benefits of biodegradable and nonbiodegradable trashcans? What are the effects of using biodegradable and nonbiodegradable trashcans? Why do we need to segregate biodegradable and nonbiodegradable wastes? How do we maintain the effectiveness of the segregation of biodegradable and nonbiodegradable wastes to become organized? The researchers prepared a suggested recommendation that is needed to segregate. The researchers recommended grade 12 ABM Strand students to properly segregate waste to lessen the garbage by using biodegradable and nonbiodegradable trashcans. The results of this study revealed that the benefits of using biodegradable and nonbiodegradable trashcans can help our environment, students, and everyone in the school. The study also showed that students gained the most benefits and also became responsible for its surrounding.

Keywords: segregation, biodegradable, nonbiodegradable

Effectiveness of Eco Pillow Made of Plastics to Minimize Plastic Wastes in Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

In this generation, it is impossible to walk on the street without seeing plastic garbage. People want to have a better environment, but they will never do anything to make it better. Recycling is a simple way to save our environment. To lessen the expenses, plastic foil can be used to make a pillow because it is inexpensive, and plastic can also make many ideas that we can use. It will help the environment and people for having a better life and future because recycling is better than throwing. The researchers chose the qualitative method because this is based on the subjective opinion of the respondents. The researchers also chose a descriptive design. Many people throw plastics around after eating and do not throw them in the correct trash can. This product can help maintain the cleanliness of the school, and students will benefit once the eco pillow is done by collecting it plastic. This action plan revealed the effectiveness of using eco-pillow to minimize plastic waste in Bestlink College of the Philippines. The researchers concluded that the students will make an eco-pillow to use in their free time and help the environment lessen the garbage. The eco-pillow made of plastic will be effective in minimizing plastic waste in the school.

Keywords: eco-friendly pillow, recycled pillow

Study of Effectiveness of Using Plastic Bottles as Hanging Vases of Plants in Classrooms of Grade 12 ABM Students

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Abstract

The research focused on the effectiveness of using plastic bottles as a hanging vase to improve or minimize the plastic bottle waste in the environment and determine the difference of using plastic bottles as vases from other materials such as ceramic pots. Gardeners love using pots for their plants, but most love using plastic bottles as their pots. Using plastic bottles has many advantages, First, different from clay pots, plastic pots work the best for moisture-loving houseplants and for people who forget to water regularly. Second, plastic pots are also stronger and more durable because it does not break easily compared with clay and ceramic pots. Different from plastics, clay pots can be easily chipped if they bumped over something; if the clay pot drops, then it will shatter. Third, plastic pots are also way cheaper compared with other pots because people can find them anywhere. Fourth, plastic pots are lightweight; hence, it is easier to move and hang. Fifth, plastic pots are easier to clean and disinfect, while clay and other pots tend to stain and develop salt deposits on the surface. The study used descriptive design and qualitative research. This study included 50 selected grade 12 Accountancy, Business, and Management Strand students. A total of 10 variables, such as environmental cleanliness, proper plastic bottles segregation, visual appeal, air quality, the use of limited space, students, teachers, utilities, school administrator, and school visitors, were considered to determine the effectiveness of proper segregation of plastic bottles and recycling it into hanging vases. Environmental cleanliness, creativeness, and good ambiance are some of the possible outcomes of segregating plastic bottles and recycle them into hanging vases that the student may help the environment and avoid some diseases. Meanwhile, students may not able to coordinate and lack experience and interest. The study revealed that the segregation of plastic bottles and recycling them into hanging vases has a huge impact on students' moods because having a good ambiance can result to positivity. Segregation helps to have a good ambiance, and proper recycling of plastic bottles may avoid some diseases. The study discovered that each student can help and give the student experience in making hanging vase plants by recycling plastic bottles.

Keywords: hanging vase, ceramic pot, mud pot, plastic bottles

Conducting Journal Writing to Enhance Writing Skills of Grade 12 ABM Strand Students in Bestlink College of the Philippines

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Alliah Mae Hilis
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Bestlink College of the Philippines

Abstract

The research focused on the factors affecting the skills of the students in terms of writing. The study revealed the aspects of writing that Grade 12 Accountancy, Business, and Management Strand students of Bestlink College of the Philippines have difficulty. Writing skills are abilities where you take ideas and information and present them in a written format for others to read. Nowadays, writing skills are not appreciated; hence, most students are not good at writing. Students are no longer paying attention to their writing skills. As long as they can write, they will write; they do not care whether it is wrong or not. A qualitative method was used in this study by using the descriptive research design. This study involved 50 selected grade 12 students. Three variables, such as attendance and punctuality, readiness to attend class, and school performance and productivity, were considered regarding academic performance. Attendance and punctuality are factors that affect the writing skills of the students. Students may also be affected if they are unwilling to participate in class activities. The results of the study revealed that enhancing the students' writing skills through journal writing has an impact on the academic performances of students because of the improvements they may have if they practice and help themselves to improve their writing skills. This skill may help the students in making their assignments and written works.

Keywords: writing skills, academic performance, class activities

Effectiveness of Using Plastic Wrapper as Decoration in Classroom of Grade 12 Strand Students at Bestlink College of the Philippines

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Frank Nicoles Hazmines
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Abstract

The research focused on the effects of recycling plastic wrappers and turned into useful materials, such as curtains and picture frames. The study revealed the aspects that may lead to the effects of using plastic wrappers as classroom decoration in grade 12 Accountancy, Business, and Management (ABM) students at Bestlink College of the Philippines. A qualitative method was used in this study by using the descriptive research design. This study involved 50 selected grade 12 ABM students. Three variables, such as students' discipline and environment cleanliness, were considered as the advantages of recycling plastic wrappers in school materials. Creativity and willingness are factors that students should have to create and make recycled plastic curtains and frames. Students may also be affected if they do not know how to and are unwilling to recycle. The study revealed that recycling has an impact on our lives and our environment. Recycling helps us to save our money and inspire young students to be practical because not all things can be bought others can be recycled.

Keywords: plastic curtain, recycle, creativity

Effectiveness of Having Trash Can Grinder to Lessen Space of Trash in Bestlink College of the Philippines

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Abstract

The research focused on how we lessen the space of trash in Bestlink College of the Philippines. The researchers focused on how we help our environment in a way how we can. In this product, we can lessen the space of the trash and avoid flooding in our community. The purpose of our study was to help our environment and society. In this study, the researchers can assure that this project will change our environment. It can lessen the trash and can also recycle ground plastic. This study can avoid or lessen the floods because the plastics that stock the drainage will lessen the space and not cover it. A qualitative method was used in this study by using the descriptive research design. This study involved 50 selected grade 12 Accountancy, Business, and Management Strand students. Four4 main questions were answered by this action plan. This study maintained the cleanliness of our school. The students enjoyed using this product, which also helps the environment. The results showed that it was good for our community and environment. The study revealed that plastic has a remarkable impact on our environment. Thus, this study helps the environment to avoid plastic trash that is being thrown away anywhere by anyone. It can lessen the space of the trash and avoid plastic that gets stuck in our drainage, thereby causing floods.

Keywords: trash grinder, proper waste disposal, cleanliness

Benefits of Using Recyclable Bottle Caps to Make Floot Mat among Grade 12 Accountancy, Business, and Management Strand Students in Bestlink College of the Philippines

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Cejalvo Rachelle
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Abstract

The researchers noticed that scattered bottle caps are one of the problems in our school. This research focused on what will be the benefits of recycling bottle caps to make it floor mat among Grade 12 Accountancy, Business, and Management (ABM) Strand students at Bestlink College of the Philippines. The study opened up the mind of the students to help our environment. A qualitative method was used in this study by using a descriptive research design. This study involved 50 selected grade 12 ABM students. Five variables, such as student's creativity, cleanliness of the school, and benefits for students, were considered as the benefits of recyclable bottle caps to make it floor mat among Grade 12 ABM Strand students in Bestlink College of the Philippines. One of the factors that will benefit in recycling bottle caps to make it floor mat is the creativity of every student, which will be improved. It will also open up the mind of every student on how to recycle nonusable things to make new ones. The study showed that recycling bottle caps gives more benefits to the students. The results of the study showed that ABM students will be more creative in recycling bottle caps. Recyclable bottle caps to make it a floor mat will help the students and also the school to reduce the scattered plastic bottles on our campus. The recyclable bottle caps to make it floor mat will help the environment and the students to clean their classroom and lessen the times their classroom has to be swept.

Keywords: recycling, caps, doormat

Do-It-Yourself Mini Vacuum Cleaner with DC Motor by Using Plastic Bottles and Its Effects on Classroom Cleanliness Management of Grade 12 Accountancy, Business, and Management Strand Students in Bestlink College of the Philippines

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Jericho Regala
Ralph Cabilogan
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Abstract

The researcher challenged themselves to make a mini vacuum cleaner by using a plastic bottle and DC Motor to help maintain the cleanliness of the classroom and the surroundings of the school. This paper also discussed the advantages of how this project can help with the speed and convenience of the users who are the students of Bestlink College of the Philippines. The methods of this study were qualitative in nature by using the descriptive research design. This study involved 50 grade 12 Accountancy, Business, and Management Strand students. Three variables were regarded in terms of the effectiveness of recycling plastic bottles as mini vacuum cleaners. The main purpose of this study was to reduce waste and conserve natural resources. Through proper segregation and discipline, waste or junk that can be seen everywhere can be used as an apparatus to make other equipment that can help people in their daily lives. The environment looks better when it is clean. It can also save time and energy from people who will use it. The results of the study showed that an individual can help reduce environmental pollution by using some improvised and recyclable materials. They can produce equipment that is made of recyclable materials, which can ease their day-to-day activities. The recyclable materials are not only for the benefits of an individual; it also helps degrade waste that can be seen in the surroundings.

Keywords: recycling, plastic bottles

Benefits of Making Trashcan by Using Plastic Bottles in Grade 12 ABM Strand Students at Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

The research focused on how effective a trashcan is made by a plastic bottle inside the campus and how it going to be helpful to Grade 12 Accountancy, Business, and Management (ABM) Strand students of Bestlink College of the Philippines. A qualitative method was used in this study by using a descriptive research design. This study involved 50 selected grade 12 ABM Strand students with three variables, such as the benefits of making trashcan by using plastic bottles, the benefits of making trashcan by using plastic bottles for students, and the other intervention to be made in protecting the environment. The researchers recommended recycling scattered plastic bottles. The researchers also recommended recycling scattered plastic bottles to lessen plastic bottle waste and help avoid contacting diseases. The study revealed that a recyclable trashcan can help the school, environment, students, and everyone. The study also showed students will gain the most benefits by becoming responsible for their surroundings.

Keywords: recyclable, trash can, air pollution

Effectiveness of Using Kaing Basket in Collecting Garbage at Bestlink College of the Philippines

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Abstract

Garbage is one of the problems of schools and garbage collectors due to noncompliance with the rules of the school. Thus, the researchers provided nonbiodegradable and biodegradable trash cans for proper waste disposal. Kaing basket can facilitate proper waste disposal and help utilities in collecting garbage easily at Bestlink College of the Philippines. For this study, we used the descriptive survey method with the questionnaire, especially a checklist, as the main tool in gathering the respondents' feedback. This study involved 50 selected grade 12 Accountancy, Business, and Management Strand students. This research will assess the use of kaing baskets to help the utilities in collecting the garbage. Improper waste disposal is one of the causes why utilities are having a hard time collecting garbage. With proper waste disposal, utilities can easily carry the garbage in kaing baskets, which can lessen the weight. Utilities can do their work earlier and have more time for themselves. Students may also be affected if they did not mind their irresponsibility because of their laziness. The study revealed that proper waste disposal can be a huge help to utilities. The results of this study also showed that some students cannot practice their knowledge about proper segregation because of our garbage.

Keywords: proper waste segregation, garbage

Analysis about Effectiveness of Using Papers as Alternative of Soil Fertilizer in Grade 12
Accountancy, Business, and Management Strand Students in Bestlink College of the Philippines

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Abstract

The research focused on the possible benefits of the effectiveness of using papers as an alternative to soil fertilizer in Grade 12 Accountancy, Business, and Management (ABM) Strand students. The results of this study revealed what we can do to lessen paper waste and innovate it into another product that can help plants grow. A qualitative method was used in this study by using a descriptive research design. This study involved 50 selected grade 12 ABM students. Two variables, such as the neatness of the classroom and school innovation, were considered the benefits of creating paper fertilizer. One of the factors that will benefit making paper fertilizer is enhancing the usage of fertilizer. Another aspect revealed that students will save money by not wasting papers. Recycling paper waste into something that can benefit the students and the school community will also lessen the wasted papers around the campus. Paper is biodegradable. Hence, the researchers think that the possible solution to the said problem is to create a fertilizer by using paper waste. It can be called paper fertilizer. The Researchers thought that instead of throwing papers everywhere, we should take advantage of it. The researchers made this paper fertilizer to prevent flooding and blockage of canals.

Keywords: recycled paper waste fertilizers, biodegradable waste

Conducting Group Study to Bridge Difficulty in Accounting among Grade 11 ABM Strand
Students on Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

This research focused on some students who have problems or difficulty in accounting topics, such as journal entries, bookkeeping, and financial statements. Hence, some students do not know how to analyze and solve problems. The purpose of this study was to conduct a group study among Accountancy, Business, and Management Strand students to review, revise, and recall the topics that they do not understand in Bestlink College of the Philippines. The researchers used to define the descriptive method as the research design. The instruments used in this research were a random sampling survey and questionnaire to gather data. The researchers applied various related literature and studies that were both local and foreign. The finished final draft was validated by the research teacher. The researchers used a weighted mean to ensure the validity and reliability of the results. The researchers concluded the reasons why most students are struggling/have difficulty in solving problems and analyzing transactions. The students who have difficulty in accounting can attend a group study to improve their knowledge. The study revealed that most students are experiencing difficulties in accounting because they are shy in class, lazy, and have family problems. This research may lead to the nonparticipation of the student in making assignments, having low grades in quizzes, and poor performance in class.

Keywords: analyzing transactions, solving problems, academic performances

Impact of Parental Involvement on Academic Achievement of Selected Grade 12 General Academic Strand Students in Bestlink College of the Philippines

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Abstract

Parental involvement refers to the amount of participation of parents regarding their children's school life and life in general. The responsibility to socialize and educate children is a shared obligation of parents and schools. For a child to reach academic achievement, parents must be involved and participate in the educational process. The more the parental involvement is, the more the students are likely to become productive members of society and excel in academics. The main aim of this study was to determine the impact of parental involvement on the academic achievements of selected Grade 12 General Academic Strand students at Bestlink College of the Philippines, S.Y. 2019–2020. This study used a quantitative descriptive research design that will elaborate the recommendations to be taken by the implementation of the impact of parental involvement on academic achievements. Purposive sampling was utilized to choose selected 50 General Academic Strand students to assess the impact of parental involvement on the academic achievements of the students. The results of the study showed that parental involvement has an impact on the academic achievements of the students in terms of time management, with a weighted mean of 3.9 for male and female participants and verbal interpretation of strongly agree. Projects/activities obtained the weighted mean of 3.6 for male participants and 3.8 for female participants, with the verbal interpretation of both strongly agree. Financial support had a weighted mean of 3.6 for male participants and 4.0 for female participants, with the verbal interpretation of both strongly agree. Attitude had a weighted mean of 3.6 for male participants and 4.0 for female participants, with the verbal interpretation of both strongly agree. With an overall weighted mean of 3.6 for male participants and 3.9 for female respondents and verbal interpretation of strongly agree, parental involvement has an impact on the academic achievements of the students in terms of their time management, projects/activities, financial support, and attitude. We recommended the following. Parents must inform their children to balance their time when the students have many school works to do. We suggested that parents should learn about their children's available time. Some students lack money; when their parents give them money for transportation, they should not waste their money to buy nonsense things. Parents should improve the attitude and behavior of their children by giving a positive influence.

Keywords: impact, parental involvement, academic achievement

Effects of Planting Herbal Plants by Using Recyclable Empty Bottles in Grade 12 ABM Strand Students in Bestlink College of the Philippines

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Abstract

This research focused on the effects of planting herbal plants by using recyclable plastic bottles and make it a "paso" to be planted that will help improve the cleanliness of our environment. This paper discussed the effects of planting a herbal plant by using recyclable plastic bottles on Grade 12 Accountancy, Business, and Management (ABM) Strand students at Bestlink College of the Philippines. Nowadays, our environment has many wastes, especially plastic bottles that get stuck in the drainage, thereby causing flooding in our community. Thus, we should know how we can help our community by convincing students to plant again by using recyclable plastic bottles. To help the environment, the plants that we planted are herbal plants; we can use those plants that we planted. The objective of this research was to lessen the number of plastic bottles by making a recyclable "paso." Hence, students should know the benefits of planting plants by using empty plastic bottles at Bestlink College of the Philippines. This research also aimed to maintain clean surroundings in Bestlink College of the Philippines. This study used descriptive design and qualitative research. This research involved 50 selected grade 12 ABM students. A total of 11 variables, such as environmental cleanliness, proper use of plastic bottles by using it for planting, improved air quality by planting a herbal plant that is more useful than an ordinary plant, treatment of skin diseases by using a herbal plant, improve the ambiance of the environment, and prevent students from contacting diseases from the environment, were considered to determine the effects of planting herbal plants by using recyclable plastic bottles. The results of this study revealed that planting medicinal plants in recyclable plastic bottles can lessen the number of plastic bottles in the surroundings, cure some diseases by using the medicinal plants that were planted, and improve the ambiance of our environment. Hence, the students will know the importance of recycling plastic bottles and planting medicinal plants.

Keywords: herbal plants, plastic bottles, recyclable

RISK AND SAFETY SCIENCE

Effects of Using Video Presentation as Instructional Material in Disaster Risk Reduction
Subject on Academic Performance of Selected Grade 12 General Academic Strand Students of
Bestlink College of the Philippines

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Abstract

This research aimed to know the effects of video-based instruction. Most students can easily learn and understand their topics or lessons through this material. It is also an opportunity to gain knowledge, wisdom, creativity, and cooperation. The teacher of the Disaster Risk Reduction subject must use this kind of video-based instruction. The main aim of this study was to determine the effects of using video presentation as an instructional material in Disaster Risk Reduction subject on the academic performance of selected Grade 12 General Academic Strand students in Bestlink College of the Philippines, S.Y. 2019–2020. The study used a quantitative descriptive research design that will elaborate on the recommendations to be taken to determine the effects of using video presentation as an instructional material in Disaster Risk Reduction subject on the academic performance of selected Grade 12 General Academic Strand students in Bestlink College of the Philippines. The results of this study showed that video presentation affects the academic performance of students in terms of performance tasks, with a weighted mean of 4.19 for male respondents and 3.98 for female respondents, which were both interpreted as highly effective. Activities had a weighted mean of 4.47 for male respondents and 3.51 for female respondents, which were both interpreted as highly effective. Video presentation has an impact on written works with a weighted mean of 4.31 for male respondents and 4.08 for female respondents, which were both interpreted as highly effective. The composite weighted mean of 4.32 for male respondents and 3.85 for female respondents showed that using video presentation is highly effective on the academic performance of students. Based on the findings of the study, the following recommendations were drawn. Effective training and an ongoing learning and support system should be provided, and the problem is solved. Being fully prepared, updated, and organized in every participant will be one's best tool. The students should take their time to develop their skills and cooperate with their groupmates during the activity. Videos are a great way to get the message across because they are engaging, can contain considerable information, are easy to make, and are easy to distribute. Thus, video presentations should be used in other subjects.

Keywords: instructional material, disaster risk reduction

SCIENCE

Food Waste to Methane Gas Converter: A Proposal

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Abstract

The price hike of liquefied petroleum gas (LPG) nowadays is a huge problem for some families and individuals in the country. Some people cannot afford to buy their LPG gas tank, thereby leaving them no choice but to use wood and charcoals. This process would burn the chemicals in wood, which will contribute to pollution as greenhouse gasses. In addition to having a price hike of cooking gas, the amount of biodegradable garbage in the country continues to increase, which is not healthy for the environment. The study focuses on using biodegradable waste as the main component of the methane gas converter. The mentioned converter will able to extract methane gas, which is found in biodegradable waste that can be used as cooking fuel. Biodegradable waste, such as food scraps and kitchen waste, consists of bacteria that can be used as cooking fuel. Instead of dumping these wastes in landfills, and buying an expensive cooking fuel, the study will provide an affordable and efficient converter that will extend the usage of biodegradable waste and lessen pollution. This study utilized quantitative research method in this study. Purposive sampling was composed of 10 science teachers and 10 science experts. The instrument used in this study was a questionnaire. Part 1 of the questionnaire includes the profile of the respondents. Part 2 of the questionnaire consists of the criteria in assessing the acceptability of food waste to methane gas converter. Part 3 of the questionnaire consists of the suggestion formulated by the respondents to test the acceptability of the converter. The questionnaire was distributed to the respondents. The researchers have decided to use PET-LD 04, which is also known as Polyethylene Low Density Number 04, as the main digester or fermentation area of the slurry and other biodegradable materials, such as manure and food waste. The digester can store a gas pressure of up to 200 psi (pounds per square inch) and 10 liters of manures. After conducting several trial-and-errors, the researchers have conducted an extensive reading to improve the digester. The researchers have to use PET-LD 04. The researchers have conducted a pressure test on the digester, and results show PET-LD 04 can handle a pressure of up to 200 psi. PET-LD 04 is known as a high-quality plastic that is being used for handling chemicals.

Keywords: biodegradable waste. greenhouse gas, polyethylene, methane

Effectiveness of Using Vinegar in Removing Rusts on Student's Chair in ABM Strand at Bestlink College of The Philippines

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Abstract

Schools should provide a comfortable and clean student's chair because this is one of the things that is used by the student every day when they go to school, and it is part of the school environment. A good school environment is important for the student to stay focused in the lecture. Many students of Bestlink College of the Philippines complain about rusting chairs. They are considered that their white uniform will be stained by the chairs. A student experiencing skin problems is also concerned because rust can come in contact with their skin. The descriptive method is used in this study. This study helps the students to look clean and presentable in front of their teachers and the Strand head facilitator of the school. A descriptive study determines and reports the way things are. It comprises all students, with contents presenting facts regarding the nature and status of anything. It is concerned with the circumstances of the relationship that happened. This study shows that students like using vinegar to clean their rusty armchairs to lessen their distraction and feel more comfortable inside the classroom because the majority of the respondents agree that rust harms them, especially in terms of their uniforms. Nevertheless, it will tell the students to be clean not just by themself but also to also ensure the cleanliness of their room. In this study, we discuss what is rust, why rust is formed, and how and why vinegar is effective as a solution to get rid of the rust under the chairs. We suggest to student use vinegar as a temporary solution to get rid of the rust under the chair and how to avoid the buildup of the rust by cleaning and being responsible for their room

Keywords: rust, vinegar, remove, destruction, uniform

Effectiveness of Santan Flower as Lip Moisturizer

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Abstract

Lip moisturizer is a wax-like substance that is applied topically to the lips to moisturize and relieve chapped or dry lips, angular cheilitis, stomatitis, or cold sores. The primary purpose of a lip moisturizer is to provide an occlusive layer on the lip surface to seal moisture in lips and protect them from external exposure. Dry air, cold temperatures, and wind all have a drying effect on skin by drawing moisture away from the body. This study utilized quantitative research methods in the study. Purposive sampling was composed of five STEM students and five science experts. The instrument used in this study was a questionnaire. Part 1 of the questionnaire included the profile of the respondents. Part 2 of the questionnaire consists of criteria in assessing the acceptability of Santan flower as a lip moisturizer. Part 3 of the questionnaire consisted of suggestions formulated by the respondents to test the acceptability of the lip moisturizer. The questionnaire was distributed to respondents. Researchers used lip moisturizers to mainly protect our lips. A lip moisturizer can protect and relieve lip dryness. After conducting several trial-and-errors, the researchers conducted an extensive reading to improve the organic lip moisturizer. The researchers used Santan flower. The researcher conducted a test to determine the effectiveness and safety of Santan flower as a lip moisturizer.

Keywords: Santan flower, effectiveness, lip moisturizer

SOCIAL RESEARCH AND POLICY

Social Responsibility of Being Student Leader in General Academic Strand of Bestlink College of the Philippines

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Abstract

The performance of school children has been studied by considering partial relationships between several personal variables such as the link between cognition and motivation. However, contextual variables, such as a child's willingness to accept social responsibility, also influence students' social and academic performance. Thus, students with greater responsibility have a better attitude toward their studies, thereby resulting in higher academic achievement. This study was conducted to find the social responsibility of being a leader of the students. The descriptive research method was used as the research design. This study utilized purposive sampling to gather 50 selected Grade 12 General Academic Strand students in the social responsibility of being a leader of the students in terms of classroom management, discipline, and dissemination of information. The study used a survey questionnaire to gather data from the two groups of respondents. The results were 4.15 of the male respondents and 4.13 of the female respondents, which both strongly agreed with the social responsibility of being a leader in terms of classroom management. The result also showed 4.12 for male respondents and 4.22 for female, which both strongly agreed in terms of discipline. The findings showed 4.46 for male respondents and 4.18 for female respondents, which both strongly agreed to the dissemination of information. The overall weighted mean was 4.14 for male respondents and 4.16 for female respondents, which both strongly agreed that the cited variables above are the social responsibilities of being a leader. This paper discussed the results for schools to include programs aimed at improving the social and personal responsibility of being a leader.

Keywords: responsibility attitudes, personal attitudes, reasoned-action, mentoring, secondary education

SOCIAL SCIENCES

Factors Affecting Social Behavior of Selected Grade 12 M-W-F and T-Th-S Students in Bestlink College of the Philippines

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Abstract

Social fear is one of the aspects that affect the socialization of a person to another person. Social behavior is defined as interactions among individuals that are normally within the same species that are generally beneficial to one another. A person cannot live easily without interaction with another individual; most of the species are interdependent and rely on one another to fulfill the needs of an individual. Obstacles to the interaction of an individual with another individual will defy the success of communication. Obstacles in communications usually happen because of the way an individual behaves and will lead to an irrational result. This study used a quantitative design because this type of method is created for a systematic investigation. Researchers investigated a phenomenon by gathering quantifiable data and performed statistics in the form of numbers. The research instrument was survey questionnaires to determine the causes of the irrational behavior of 50 MWF and 46 T-Th-S Humanities and Social Sciences students. In the statistical treatment of data, we used percentage, weighted mean, and z-test for interpreting the data. The researchers concluded that the students' social behavior was not affected by any external force because the two groups mentioned had MWF and T-Th-S class schedules. The different class schedules between the group did not affect their social behavior because based on the related literature and studies, class schedules did not affect students' social behavior. Given that social behavior affects the daily living of students, this research's objective is to look for solutions that may prevent students from behaving differently other students. Social behavior is a broad study that focuses on one's behavior in a society. From day-to-day basis, students interact to socialize to gain something.

Keywords: social behavior

Factors Affecting Fear of Public Speaking among Grade 12 Humanities and Social Sciences Strand Students in Bestlink College of the Philippines

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Abstract

This study aimed to determine and observe the factors affecting the fear of public speaking among the selected Grade 12 Humanities and Social Sciences (HUMSS) Strand students in Bestlink College of the Philippines. This study sought to determine the factors that affect the fear of public speaking and the problem and its solution. In this study, the authors used a quantitative descriptive method of research to gather information about the present existing condition and describe the factors that affect the fear of public speaking among the selected Grade 12 HUMSS Strand students in Bestlink College of the Philippines. The researchers randomly selected the respondents also used a survey questionnaire to gather all the necessary data. Results of the study showed that many students had fear of public speaking. The study also revealed that males have a higher tendency to experience the fear of public speaking than females. Judgment was the main reason why they suffer from the fear of public speaking, thereby leading the students to lose their confidence and affecting their communication skills. The results showed that preparedness avoided mental block to the students. The researchers also found out the solution to overcome the fear of public speaking by learning how to speak confidently. The study also discussed different factors that affect the students' public speaking skills. Lastly, it includes recommendations that can help the students to overcome their fear in public speaking.

Keywords: glossophobia, public speaking

Effects of English Subject on Vocabulary Development of Grade 12 HUMSS Strand Students in Bestlink College of the Philippines

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Abstract

This research focused on the effects of the English subject on the vocabulary of Grade 12 Humanities and Social Sciences (HUMSS) Strand students. Vocabulary development is the process of a person increasing the number of words that he or she uses in everyday life. The students must enhance their vocabulary development to know many unfamiliar words and express themselves in a concise and precise way. This study used a qualitative method of research to determine the effects of the English subject on the vocabulary development of Grade 12 HUMSS Strand students in Bestlink College of the Philippines. The researchers administered survey questionnaires to gather information from selected Grade 12 HUMSS Strand students. A purposive sampling technique was utilized in choosing 100 respondents. Based on the conducted research, this study revealed that the effects of the English subject on the vocabulary development of Grade 12 HUMSS Strand students involved speaking, writing, and understanding based on the answer of 100 respondents, with an average weighted mean of 3.85, which was interpreted as strongly agree. Grade 12 students, especially in HUMSS, have encountered many problems in the English subject. The effects of English subject on the vocabulary development of Grade 12 HUMSS Strand students in terms of speaking, writing, and understanding also showed that the students were indigent in terms of English subject because their vocabulary was limited. The researchers recommended reading books to enhance their vocabulary development.

Keywords: vocabulary words speaking writing understanding

Impact of Research 2 Subject on Academic Behavior of Humanities and Social Sciences Strand Students in Bestlink College of the Philippines

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Abstract

This study was concerned about the impact of Research 2 subject to the academic behavior of Grade 12 Humanities and Social Sciences (HUMSS) Strand students in Bestlink College of the Philippines. A qualitative method and survey questionnaires were used to gather data from 100 selected Grade 12 HUMSS Strand students. Research subject will encourage students to understand issues that happened in the surroundings and consider that their work is connected to the wider issue of the society. This study used the narrative inquiry type of research that serves the answer in the questions and the purpose of this study the best among the types of research. This study discussed the lessons from the source as applied to the plan and investigated the impact of every student's behavior. Questionnaires were used as a research instrument and distributed to 100 selected Grade 12 HUMSS Strand students. This study focused on the impact of the Research 2 subject on the academic behavior of Grade 12 HUMSS Strand students. The impact of behavior in a research subject in every student will determine its effect on the research subject for Grade 12 students that do not know how and what is the impact of research on their lives and as students. Every student may have realized the importance of the research subject; they will realize the different impacts that may help their lives to become easier than before. This research may improve the knowledge of the students about the different impacts of research study and know the importance of this study. The researchers recommended that every student must know the importance of research in their daily living and the impacts of research that can affect their research subject because of their behavior during the research class.

Keywords: encourage, questionnaires, investigates, surroundings, behavior, knowledge

Effects of the Student Academic Behavior on Academic Performance in Grade 12 HUMSS Strand Students in Bestlink College of the Philippines

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Abstract

This study is about the effects of the student's academic behavior on the academic performance in Grade 12 Humanities and Social Sciences (HUMSS) students. In every educational institution, the quality of instruction and learners depends upon the displayed performance of the students. Behavior is the way a person acts and behaves. This study focuses on how the academic behavior of students affects their academic performance and aims to determine the capacity of every student in different ways of learning. This study was conducted because of the curiosity of the students that have different habits, personalities, and traits. This study finding may have important implications for understanding how students learn in the classroom and how student's attitude and behavior help control and be confident about their ability to succeed in their future education. The study utilized the descriptive method because it will be focused on describing the impacts on the academic performance of students who most likely use logical learning instead of other ways of learning. This particular method was chosen because of its appropriateness to answer the problem. In addition to describing what the findings are, it also supplies factual and practical information that can be used to calculate conditions. The researchers found out that most of the students lacked sleep due to using cellphone excessively and wasting time doing something that is not necessary. Being late in class, feeling sleepy during the discussion, and not hearing the discussion clearly are some of the consequences that affect the students' academic performance. The researchers recommended that students must sleep early and avoid using cellphone excessively and wasting time doing something that is not necessary. Students must think wisely and set a goal to give time to do their responsibility. Feeling sleepy during the discussion and not hearing the discussion clearly were the common problems encountered by the Grade 12 HUMSS Strand students. Avoid sleeping late and students sitting in front of the class to hear their discussion are the most recommended solutions. Academic behavior has considerable benefits for Practical Research 2 subject when used properly and effectively.

Keywords: academic behavior

Factors that Affect Choosing College Courses of Grade 12 HUMSS Strand Students in Bestlink College of the Philippines

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Abstract

Choosing college courses may not be easy for a graduating student because of different factors affecting it. Choosing the right career for a better future should not be a ruse because it is bound to the challenges you are going to face. It includes the risk you are going to take. When you choose a course, be sure that you want it and not because you are forced to take it because that will be the start of your journey to success. Researchers used a descriptive research design that helped to elaborate the factors affecting choosing college courses. The researchers administered survey questionnaires to determine the factors that affect choosing college courses. The statistical treatments used in this study are frequency distribution, percentage, and weighted mean. According to the research conducted, the respondents asserted that first, personal preference can affect choosing a course in college, with a weighted mean of 4.05. Second, the respondents asserted that the Senior High School Strand can affect their choice of course in college, with a weighted mean of 4.04. Lastly, the students perceived that financial sustainability can affect choosing college courses, with a weighted mean of 3.99. In choosing their course in college, students must know their capability, that is, if they are fit for a specific course. Students must know their strengths and weaknesses to survive in college. It has a huge effect because if the students are not suitable for the course they have taken, they cannot finish what they started. Personal reference was also a huge factor affecting choosing a course in college because students must choose what course they truly want, and they need to be sure about it.

Keywords: college, course, factors

Factors Affecting Preferred College Courses of Grade 12 HUMSS Strand Students at Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

This study focuses on the factors that affect the preferred courses in college of Grade 12 Humanities and Social Sciences (HUMSS) Strand students at Bestlink College of the Philippines. Choosing a college course/degree is one of the most challenging decisions for students. Grade 12 students may be decided or undecided enough to choose the course that suits their abilities and skills. However, some factors such as family, friends, and financial aspects may affect the choices of the students in choosing a program in college. The researchers used the descriptive method. It is a simple way to know more about the people who take the study. The researchers administered survey questionnaires to gather information about the implication of the factors that affect the preferred courses of Grade 12 HUMSS Strand students in college at Bestlink College of the Philippines. The questionnaire helped gather the idea easily. The researchers used a random sampling technique to conduct the survey questionnaire and included 90 respondents. The researchers performed the survey inside the Bestlink College of the Philippines. According to the conducted survey, Grade 12 students greatly considered the financial aspect in choosing preferred courses with the average weighted mean of 3.16, which was interpreted as agreed by the students. Meanwhile, the positive effect can mostly affect the financial aspect with 3.58, which was interpreted as agreed. The second factor affecting choosing the course was the influence of their friends, with the weighted mean of 3.51, which was interpreted as agreed. The family aspect was the least considered factor in choosing their courses, with a weighted mean of 3.29, which was interpreted as undecided. The researchers found out that the financial aspect was the top problem faced by the students in choosing their preferred courses in college because some affordable courses suit the abilities and skills of the students. However, students also want some expensive courses because those courses are suitable for their skills, but they cannot afford the tuition fee. The researchers suggest that when choosing a course, the students should choose one that suits their passion.

Keywords: preferred courses

Effects of Using Filipino Language during English Classes on Performance of Grade 11 HUMSS Strand Students in Bestlink College of the Philippines

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Abstract

Although the Philippines uses the Filipino language, English is used as the primary medium of instruction, and its presence ensures sufficient exposure to provide proficiency. However, recent studies show that some factors in English classes, such as untranslatable complex words, would lead to the misinterpretation of the lessons, thereby resulting in the poor performance of students. Hence, Filipino words are suggested as a translation tool to provide words that would fit the meaning of the English word, but its use may affect the teachers and especially students, which can result in additional misunderstandings. The design of the study is descriptive research. The survey is used to gather data from the selected 80 Grade 11 Humanities and Social Sciences Strand students by using questionnaires, which collect data from respondents through a set of questions. The team used a random sampling technique where each individual is randomly chosen. To interpret the data gathered, the researchers use a 5-point Likert scale. The information gathered from the questionnaires will serve as the primary data that will be used to answer the statement of the problem. The interpretation of the gathered data shows the following results of using Filipino during English classes. With a total average weighted mean of 3.88, which is interpreted as agreed, students agree that it would affect their academic performance on these subjects. It has positive effects on major exams, which was interpreted as agreed with a total average weighted mean of 3.97. However, with a total average weighted mean of 3.23, which is interpreted as undecided, most of the students are undecided on its effect on their grades. The data gathered also show a total average weighted mean of 4.38, which is interpreted as agreed. The students believe that it has positive effect on them as students. As for the teachers, with a total average weighted mean of 3.66, students agree that it would have a positive effect on the teachers as well. The researchers conclude that utilizing the Filipino language in English classes would be beneficial to students and teachers. The use of the Filipino language creates a link between teachers and students in communicating ideas and thoughts. Good communication improves understanding between participants. As such, the researchers suggest that teachers should consider using Filipino in their teaching method to help students in their studies and improve their grades.

Keywords: English, code-switching, students, English proficiency

Benefits of Utilizing Research Guide in Grade 12 HUMSS Strand Students in Bestlink College of the Philippines

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Abstract

Research is a systematic inquiry that is used to describe or explain some phenomenon. This study wanted to research utilizing the research guide provided by the Bestlink College of the Philippines for students to improve their skills and find opportunities to present and publish the ideas in developing their creativity, problem-solving skills, and intellectual independence. Utilizing a research guide generally takes specific questions and tries to find definitions and a comprehensive answer. Descriptive method design will be used in this study to determine the benefits of utilizing the research guide in Grade 12 Humanities and Social Sciences (HUMSS) Strand students at Bestlink College of the Philippines. The researcher will utilize the random sampling technique to select 89 HUMSS students of this study. To gather the data needed, the researcher used survey questionnaires. The researchers used the weighted mean formula of the statistical treatment of data to address the perception of the respondents. Results show that the respondents agreed with the benefits of utilizing the research guide in terms of gain knowledge, with an average weighted mean of 4.03. It enhances our learning and research construction skills, with the average weighted mean of 4.01 because it develops our critical-thinking and leadership skills. The benefits of utilizing the research guide may trigger the study habit of the students regarding conducting research. It helps develop the learning skills of the student. The researcher suggested that the students need to focus and learn from some research guide books and understand the proper research format.

Keywords: research guide

Factors that Develop Personality of Grade 12 Humanities and Social Sciences Strand Students in Bestlink College of the Philippines

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Abstract

Personal development refers to the development of the pattern of behavior, character, and attitudes that make a person distinct. The personality itself occurs by the ongoing temperance and environment. Some factors affect the development of one's personality. Biological factors include heredity, physical appearance, and maturation rate. The environment is the most significant aspect in developing our personality. All humans live in a society and an interacting group of people, and each of these societies contains a body of language, attitudes/behavior, character, values, goals, and way of thinking. Socializing is the process by which all humans acquire behavior. The child's first social learning occurs at home, particularly with his mother, which is critical to determine his attitude. Parents who are extremely strict with their children in discovering new things and manipulate their child's environment will ultimately lead to the child's dependent attitudes, characters, and behavior. The children who are overprotected tend to become compliant and, occasionally, passive. This chapter reports the findings of a student in determining the factors affecting one's personality. This study used quantitative research, wherein researchers generate data and results through the use of numbers and scale descriptions of respondents about the factors affecting the development of their personality to have a better understanding of researchers and attain accurate or reliable information given by respondents. Based on the information that we gathered from respondents, students easily get insecure about themselves, thereby causing them to avoid other people and isolate themselves from others. The development of the personality of a child mainly starts with their parents. Lack of parental support results in having low self-esteem of the student because they must be the ones to motivate their children to have a positive personality. Most of the time, friends and associates can also cause damage in building the students' behavior because of considerable influences that affect the development of one's personality. Based on the factors that affect the personality development of the student, we come up with some negative results. The researchers discussed some recommendations that the student should do to enhance their personality development. A student must start to think positively because having these thoughts will help them think properly and peacefully. They should be true to themselves because no one will do it for them. Always show a good attitude even when others do not. When you found the good in something, you will find goodness in everything. Through these actions, the student may have a better personality and express behavior that is accepted by society.

Keywords: personality, self-esteem, environment, temperance

Impacts of Parent Involvement on Academic Performance of Selected Grade 12 Humanities and Social Sciences Strand Students in Bestlink College of the Philippines.

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Abstract

Parent involvement is a combination of the commitment and active participation of the parent to the school and student. Many problems are associated with involvement. Many secondary schools do not know how to deal with a nontraditional family and the areas of concern that it represents. Parents feel unwelcomed at school, lack knowledge and education, and may not feel that education is important. The number of solutions that can be used to improve parental involvement is substantial. The focus of this study is to determine the impact of parent involvement in the academic performance of selected Grade 12 Humanities and Social Sciences (HUMSS) Strand students in Bestlink College of the Philippines. The researchers used descriptive design to describe the characteristics of a population or phenomenon being studied. The researcher used a systematic sampling technique, where every 5th of the class is a part of the study, that is, 100 respondents are successfully chosen. The researcher also utilized a survey questionnaire to gather information and ideas easily. The data gathered from the questionnaire served as the primary data. The researchers found out that parent involvement had a positive impact on the academic performance of Grade 12 HUMSS Strand students in the aspects of financial support, moral support, and spiritual support answered by 100 students. The impact of these variables in attaining higher grades, determining, and motivating the student to perform in the class. Parents always guide, check, and support their children no matter what happens. Students are advised to be open up to their parents and do not hesitate to buy their necessities. Most parents consider themselves to have good communication with their child's teachers and the school. Children's homework is considered to be important by each parent, and they all assist their children with homework. Thus, by staying involved with their children's education, parents affect the academic achievement of the students positively.

Keywords: parent involvement

Impact of Using Bilingual Language during Discussion in Practical Research 2 to Learning of Grade 12 HUMSS Strand Students of Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

Bilingual teaching involves teaching content in two languages that every student understands. The use of two languages affects each student's academic performance, and their grades may go up. Some of the students are not good at understanding the English language and it affects their academic performance. Bilingual teaching can help students to understand the teaching the teachers sing the first language. Bilingual teaching can help students to communicate with others. It can also give a perspective on cultural communication, which can increase globalization. The main objective of this study is to examine the impact of using bilingual language during a discussion in Practical Research 2 on the learning of Grade 12 Humanities and Social Sciences (HUMSS) Strand students of Bestlink College of the Philippines. A descriptive method of research was used in the study, and a survey questionnaire was used. The researchers chose the said research design because it is the appropriate technique to describe the situation and problem of the given topic. At the same time, it is the most helpful design that the researchers can use to gather the data. The researchers used the systematic type of probability sampling. Systematic sampling is often more convenient than simple random sampling, and it is easy to administer. The researchers also administered a survey questionnaire to different sections and selected Grade 12 HUMSS Strand students in Bestlink College of the Philippines. The respondents varied in terms of gender. Afterward, the result will be tailed, tabulated, and analyzed. The data gathered from 90 students were evaluated by the researchers. Based on the findings of the researchers, the level of understanding of the students was affected by the use of two languages in the discussion, with a composite average of 3.98. For student participation, the composite average was 4.03, with the verbal interpretation of "agree." This result indicated that the students can participate by using bilingual language in the discussion. For learning, 4.06% of the respondents agreed that they will learn more by using bilingual language in the discussion. For self-confidence, 3.93% of the respondents agreed that they have self-confidence when using bilingual language during discussion. For understanding the lesson, 4.07% of the respondents agreed that they will learn more by using bilingual language in the discussion. Hence, the use of bilingual language can help the students improve their participation in Practical Research 2 subject. The researchers found that using bilingual language in the discussion can help the students improve their participation in Practical Research 2 subject. The researchers suggested being open to everyone's ideas, always cooperate with the people around you, always be active, and do not hesitate to express your ideas. The researchers also recommend always cooperating with everyone around you and do not put your group down.

Keywords: bilingual teaching

Effects of Leadership Skill on Academic Performances of Selected Grade 11 Humanities and Social Sciences Strand Student Officials in Bestlink College of the Philippines

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Abstract

Leadership is the process of influencing the behavior of others regarding the accomplishment of goals in a given situation. It also refers to lifting a person's performance to a higher standard, which builds a personality beyond his/her normal limitation. Leadership is the action of leading a group of people or an organization. Leaders help themselves and others to do the right things. They set direction, build an inspiring vision, and create something new. Leadership is about planning where you need to go to "win" as a team or an organization and to make the process dynamic, exciting, and inspiring. Leadership is an important function of management, which helps to maximize efficiency and achieve organizational goals. A leader is a person who starts the work by communicating the plans and the members from where the work starts. The researchers used a questionnaire to gather information about the effects of leadership skills and academic performances of selected officials in Grade 11 Humanities and Social Sciences Strand students, which were selected through purposive sampling. Results showed that written communication affected the composite averages for variable written works, with an average of 4.41. Verbal interpretation agreed with the positive effect of leadership skills in academic performances. The composite average for variable written works was 1.57, with verbal interpretation disagreeing with the negative effect of recitation in leadership skills. The researchers found out that the leadership skills had an impact on the academic performance of the elected officials. The leader should face the challenges and answer the consequences of the discussions. Then, you should be a good listener and observer to your coworkers. A leader should also trust her or his coworker or groupmate to finish the task that he or she gave.

Keywords: effects of leadership skill

Factors Affecting Choice of Course in College of Grade 12 Humanities and Social Sciences
Strand Students in Bestlink College of the Philippines

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Abstract

This study was conducted to determine the factors that affect the choice of course in college of Grade 12 General Academic Strand students of Bestlink College of the Philippines. The timeliness of the research outcome benefits the graduates of senior high school as they decide and prepare for tertiary education. This research used the descriptive method of research describing how the parent`s decision, peer influence, and student's abilities affect the choice of program to be taken in college. Survey questionnaires were utilized data in gathering. The group of 90 respondents from the MWF schedule answered that the financial aspect mostly influenced the decision-making process of Grade 12 Humanities and Social Sciences Strand students in choosing their course in college. The average composite weighted means of 4:24 for tuition fee, 3.97 for projects, and 4.0 for school Bills were the indicators affecting students' decision in selecting their college courses in Bestlink College of the Philippines. The researchers found out that financial problems affected the academic performance of students in Bestlink College of the Philippines. The researchers hereby suggested that students should know how to handle their finance well to avoid this kind of problem and find ways to gain extra income.

Keywords: choice of course

Effects of Peer Pressure on Academic Performance of Grade 12 HUMSS Strand Students in Bestlink College of the Philippines

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Abstract

Peer pressure is the direct influence on people about peers or the effect of an individual who gets encouraged to follow their peers. Peers are people who are a part of the same social group. "Peer pressure" means the influence that peers can have on each other. Although peer pressure does not necessarily have to be negative, the term "pressure" implies that the process influences to do things that may be resistant to or may not be chosen to do otherwise. The researchers conducted this study to determine the effects of peer pressure on the academic performance of Grade 12 Humanities and Social Sciences (HUMSS) Strand students. This study used a qualitative research method, primarily descriptive research. It involves gaining an understanding of reasons, opinions, and motivations, thereby providing insights into a problem to provide a hypothesis for qualitative research. In gathering information, respondents were 100 Grade 12 HUMSS Strand students, which were precisely selected through random sampling technique and wielded by survey questionnaire. This study was held in Bestlink College of the Philippines. According to the conducted research, Grade 12 HUMSS Strand students agreed on the variables. Examination (3.51) and recitation (3.94) showed that peer pressure had a positive effect on their academic performance, which helps them to do well in school. The remaining variables, that is, attendance (3.44) and activities and projects (3.34), showed that the students were undecided on whether peer pressure has a positive or negative effect on their academic performance After the result was determined, the researchers learned that peer pressure affected each individual, but peers were not always a bad influence; they can be either good or bad. This effect still depends on the individual if they will be influenced or not. Choosing peers to be with is a choice; regardless of how influential your peers are, learn how to say no and not be involved with bad habits. Every student must opt for friends wisely, be a good influencer, and know your actions and limitations.

Keywords: peer pressure

Effects of Using English Language on Academic Performance of Grade 12 HUMSS Strand Students at Bestlink College of the Philippines

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Abstract

English Language is a very broad and difficult language for most people. Students are suffering every time they do not understand the English word that they have heard or read. This study focused on the effects of using the English language on the academic performance of Grade 12 Humanities and Social Sciences (HUMSS) Strand students at Bestlink College of the Philippines. This study used a qualitative method. The researchers used a survey questionnaire to gather information from Grade 12 HUMSS Strand students. This research questionnaire will help gather ideas or information easily. The researchers used a random technique to select our respondents. This research was conducted inside the Bestlink College of the Philippines. The data gathered from the questionnaire served as the primary data, and the data gathered from literature and studies were the secondary data. Results showed that the assessment on the importance to know the effects of using the English language with a composite average of 3.85, which mostly affected the academic performance of the students. Other factors are English comprehension, with a composite average of 3.52, oral communication with the composite average of 3.5. The last factor is an examination with a composite average, with the composite average of 3.36, which was interpreted as undecided. The research found that using the English language affected the academic performance, especially students who are ashamed in public speaking and students that do not take their study seriously. The researchers suggested that teachers should give time to their students to read books or make a list of unfamiliar words and write down the definition of each word and let them study and learn those words.

Keywords: English language

Effects of Extracurricular Activities on Academic Performance of Grade 12 HUMSS Strand Students in Bestlink College of the Philippines

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Abstract

Extracurricular activities are generally activities that fall outside the area of the normal curriculum of the school. The benefits of extracurricular activities on Grade 12 Humanities and Social Sciences (HUMSS) Strand students in their academic performance in Bestlink College of the Philippines analysis revealed that regardless of the students' background prior achievements, parenting, volunteering, and home-learning activities positively influenced the students' grades. This study used a qualitative method of research to determine the effects of extracurricular activities on Grade 12 HUMSS Strand students on their academic performance in Bestlink College of the Philippines. The researchers administered a survey questionnaire to gather information from selected Grade 12 HUMSS Strand students. A purposive sampling technique was utilized in choosing 50 respondents. Results showed that extracurricular activities and activity performance greatly affected physically, mentally, emotionally, and spiritually. Extracurricular activities existed in all communities and schools, both government-owned or private ones. The research found that the effects of extracurricular activities on the academic performance of Grade 12 HUMSS Strand students who suffer from this phenomenon affected academic performance. The research suggested that students must manage their time in extracurricular and academic performances.

Keywords: extracurricular, benefits

Difficulties of Speaking in English: Its Effects on Academic Performance of Selected Grade 12 HUMSS Strand Students in Bestlink College of the Philippines, S.Y. 2019–2020

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Abstract

This study aims to determine the effects of difficulties in speaking using the English language in the academic performances of the selected Grade 12 Humanities and Social Sciences (HUMSS) Strand students. Eloquence in speaking using the English language is fluent, elegant, and forcible or persuasive speaking. Thus, this study is necessary for Grade 12 HUMSS Strand students because most of the academic subjects in HUMSS include public speaking, especially on reports and speech. This study also promoted solutions for the students to improve their English-speaking skills. The researchers used qualitative and descriptive research methods as the research design. Survey questionnaires were used as an instrument to gather data from selected Grade 12 HUMSS Strand students. A purposive sampling technique was used in choosing 80 respondents. The result of the study was based on the assessment made by Grade 12 HUMSS Strand students about the difficulties in speaking in English and its effects on academic performance. Having difficulty in speaking English has considerable effects on the students' academic performance and their daily life. The researchers found that the difficulties in speaking in English can affect the academic performance of the students. The researchers suggested that the teachers should manage the students less and should have a goal to solve the problems that are academically encountered by the students because of the difficulties in speaking in English.

Keywords: difficulties, language

Effects of Stereotyping on Native Linguistic Accent of Selected Grade 11 Humanities and Social Sciences Strand Students at Bestlink College of the Philippines: Basis for Crafting Proper Conduct

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Abstract

The unfair treatment of individuals in the usage of native linguistic accents can be considered stereotyping. The native language of an individual plays an important role in the means of their communication. However, due to the variation of languages around the world, individuals cannot deny the occurrence of linguistic accent comparison that occasionally leads to stereotyping. In this study, the researchers attempt to analyze the effects of stereotyping on the native linguistic accent to selected Grade 11 Humanities and Social Sciences (HUMSS) Strand students at Bestlink College of the Philippines. The researchers aimed to propose a possible basis for crafting proper conduct with regard to the misinterpretation of people regarding the linguistic accent of a particular group of individuals. This study used a quantitative research method. The researchers gathered information from the respondents through purposive sampling. The researchers used a descriptive type of research to analyze the effects of stereotyping on the native linguistic accent of Grade 11 HUMSS Strand students. Stereotyping on native linguistic accent mostly affects the female respondents aged ranging from 15–17 years old, the majority of which came from Visayas. Most of the respondents agreed that stereotyping of native linguistic accents results in a huge impact in terms of the student's self-confidence. The respondents may prepare themselves to avoid stereotyping conditions by familiarizing also words and training public speaking. The significant difference between male and female respondents was that male respondents can familiarize themselves with the pronunciation of words quickly. Male respondents trained themselves through oral practices. Lastly, the result of the research developed a basis for crafting proper conduct that will surely help the respondents conquer stereotyping cases in terms of their native linguistic accent. The result of the study proved the negative impact of stereotyping a native linguistic accent. Therefore, the researchers recommend to the school administrators to conduct different programs and seminars on how to surpass the stereotyping of the native accent of the students. The researchers recommend the students enhance and practice their public speaking skills by participating in class discussions actively and joining different clubs and organizations that will help them improve their communication skills in front of the crowd or class.

Keywords: stereotyping, accent, native

Effects of Peer Pressure and Competition on Academic Performance of Selected Grade 12 HUMSS Strand Students in Bestlink College of the Philippines

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Abstract

Peer pressure is a direct influence on people by peers or the effect in an individual who gets encouraged to follow their peers by changing their attitudes, values, or behavior to conform to those of the influencing group or individual. Peer pressure can decrease one's confidence. It can affect the lives of students drastically. Competition is done by several people or organizations that are trying to do their best better than others. The eagerness to be on top and to be number one is always in your mind. No unity is formed in your section because all want to be on top. This paper will discuss the effects of peer pressure and competition among students. The researchers will also study how peer pressure affects student behavior and performance and its outcome. This study is quantitative research with the use of descriptive research design. We use purposive sampling based on the characteristic of a population and the objectives of the study. Data are gathered using a survey questionnaire. The study has examined the effects of peer pressure and competition on the academic performance of selected Grade 12 Humanities and Social Sciences Strand students. The specific objectives include determining that people of all ages are vulnerable to peer pressure and competition, and several factors trigger the respondents. The study focuses on respondents aged 15–18 years old. Our respondents consisted of 55.8% female and 44.2% male. Thus, females got a higher percentage of respondents rather than males. The grades between 91 up to 95 got the highest percentage, which is 87.6% because we have purposively selected students with honors. The following conclusions have been drawn. Being frustrated can affect the behavior of any student because of the pressure that they encounter due to their peers. Having good communication can motive the students and lead them in a good relationship with others. Feeling the pressure can lead to distraction; thus, the student may lose interest in learning. Feeling of loneliness or being out of place can cause mental health problems in a student. Overall, peer pressure and competition greatly affect students' academic performance, but this effect differs from students regarding how are they going to reflect it on their lives. Some students have bad outcomes, whereas some have positive ones. Peer pressure and competition affect the students positively by making students more competitive and making them actively participate in any activity regardless of its positive outcome. Some students experienced being down because of peer pressure and competition, thereby causing them to isolate themselves from others.

Keywords: academic performance, competition, peer pressure

Problems Encountered by Grade 12 HUMSS Strand Students on their Creative Writing Subject in Bestlink College of the Philippines: Basis for Proposed Guidelines

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Abstract

Creative writing is one of the subjects in senior high school that focus on developing the students' writing skills in terms of writing. Many students find English as the hardest subject because of the problems, struggles, and challenges that they encountered in terms of reading, writing, speaking, and grammar. The researchers assessed the students' performance in their creative writing subject and also study the problem that they encountered on their creative writing subject to give them guidelines to improve their skills and understanding, which will help them participate in their class properly. This study used a qualitative method of research to determine the problem encountered by Grade 12 Humanities and Social Sciences (HUMSS) Strand students in Bestlink College of the Philippines. The researchers administered a survey questionnaire to gather information from Grade 12 HUMSS Strand students that were selected with random sampling. The research questionnaire helped to gather ideas or information easily. The personal observation and results were gathered from the survey questionnaire, and the research was conducted inside the Bestlink college of the Philippines. Results of this study showed the problem encountered by the Grade 12 HUMSS Strand students on their creative writing subject in Bestlink College of the Philippines. With the total of 14.95, which composed of the following: reading with the total of 11.63, with variables difficulties in reading words with the total of 3.38, difficulties in pronouncing words or sentence with the total of 3.77, and stuttering with the total In dad of 3.63; writing with a total of 11.63, with variables difficulties to write an essay with the total of 4.0, difficulties to express idea in unity with the total of 3.9, and difficulties to create a paper works with the total of 3.72; speaking with the total of 14.96, with variables difficulties to speak in English with the total of 4.0, difficulties in communicating to others with the total of 3.60, difficulties in expressing yourself and thoughts more with the total of 3.73, having difficulties in pronouncing words with the total of 3.63; and grammar with the total of 11.53, with the variables having a hard time constructing an English sentence with the total of 3.97, having a hard time familiarizing themselves with vocabulary words with the total of 3.82, and having a hard time translating a Tagalog sentence into English with the total of 3.77. The researchers proposed guidelines on how students can improve their skills to be able to participate in their class properly.

Keywords: reading, writing, speaking, grammar

Effects of Time Management on Academic Performance of Grade 12 Humanities and Social Sciences Strand Students: An Assessment

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Abstract

Time management is the process of planning and organizing your time to divide your activities to improve your ability to function effectively and efficiently. It is important in all aspects of our lives. It is crucial especially to the students in an educational setting. These considerations have given the researchers to undertake this study regarding the effects of time management on the academic performance of the students. Good time management allows someone to accomplish more in a shorter time, which leads to more free time. This allows someone to take advantage of learning opportunities, lower your stress tension, and help you focus or avoid procrastination, which leads to more success. The main objective of this study then is to determine how variables affect the time management of the students. The descriptive research design was used in this study because it describes the present condition of this research study. To gather the results of the study, validated self-made questionnaires were designed to collect the needed data and were distributed personally. In selecting the respondents, purposive sampling was undertaken on 80 Grade 12 Humanities and Social Sciences students. These students were academic achievers that are having a hard time managing their time. Data were analyzed using a frequency distribution table. Additionally, a weighted mean was also used. Based on the data gathered from the respondents, a significant relationship between time management and the performance of students in terms of variables including attendance, achievement, and academic behavior. Researchers have therefore concluded that attendance got the strongly agree answers, which meant that students mostly agree that having good time management leads to punctuality. Based on the findings gathered, researchers suggested applying the strategies needed. Students should prioritize their tasks and responsibilities in the order of their importance and urgency to enhance their academic performance and avoid procrastination. In accordance with ABC theory, you are supposed to do the most important things. It would be best also to account for distractions to meet your goals or aims in a particular activity. It is also recommended to make a list of tasks to know how you spend your time.

Keywords: time management, achievement, academic behavior, academic performance, prioritize, procrastination

Factors that Cause Low Academic Performances among Grade 12 HUMSS Strand Students in
Bestlink College of the Philippines

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Abstract

The quality of education at the primary section depends on the quality of teachers and their competence and their capacity for the teaching and learning process. The quality of teachers and teaching lies in the heart of all schooling systems intending to offer quality education. The teaching force is the foundation of quality education at all levels. Secondary schools are managed and operated by the government, foundations, and local community initiatives. All these culminate into the inefficiencies that are manifested in terms of teacher deployment, repetitions, school drop-outs, repetitions, juvenile delinquency, etc. The researchers used descriptive design, which elaborates on the factor that causes low academic performance among Grade 12 Humanities and Social Sciences Strand students of Bestlink College of the Philippines of factors that cause low academic performance. The researchers administered a survey questionnaire to determine the factor that causes low academic performance. The statistical treatments used in this study are frequency distribution and weighted mean. Results showed that the respondents asserted that the financial aspect can be the factor that causes low academic performance, with a weighted mean of 4.05. Attendance factor causes low academic performance to the students' study habits, with a weighted mean of 4. The third student asserted that the factor that causes low academic performance attendance, with a weighted mean of 3.41. Learning is a product not only for formal schooling but also for families, countries, and peers. Social, economic, and cultural forces affect learning and school achievement. Academic performance is undoubtedly a research drive at the heart of educators, teachers, psychologists, policymakers, parents and guardians, social workers, etc. In their attempts to investigate what determines the academic outcomes of learners, they have come up with more questions than answers.

Keywords: low academic performance, academic, performance

THEATER AND PERFORMANCE STUDIES

Effects of Stage Fright on Performance of Grade 12 Performing Arts Students in Bestlink College of the Philippines

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Abstract

One of the largest problems in performing is stage fright. Professional or not, stage fright can lead performers to be in their worst state. Researchers have decided to determine how stage fright affects the performance of Grade 12 Performing Arts students in Bestlink College of the Philippines. This research used quantitative research and a descriptive method to describe the characteristics of a population being studied. The survey questionnaire was administered to 50 Grade 12 Performing Arts students who were chosen using purposive sampling where every student has an equal chance to be chosen as a sample. The survey questionnaire was constructed to determine how stage fright affects the confidence, passion, and experience of the students with regard to performing. The results of the study in terms of confidence, passion, and experience strongly agreed. The male respondents had a weighted mean of 3.58, while the female respondents had 3.81, and both were verbally interpreted as strongly agree, which meant that stage fright affected the confidence of the students during performances. Male and female respondents had the same verbal interpretation of strongly agree and had a weighted mean of 3.54 and 3.51, respectively, which indicated stage fright affected the passion of the students during performances. Male respondents got 3.85 and female respondents got 3.73, with a verbal interpretation of strongly agree. Therefore, stage fright affects the experience of the students during performances. Based on the findings of the study and the conclusions that were drawn, the following recommendations were forwarded. The school management must provide seminars that would help students to overcome stage fright. Students must have a positive mindset and confidence in themselves; follow what your heart truly desires, and your experiences can help you to take opportunities someday. Experience is the best teacher; if you failed before, then learn from it.

Keywords: stage fright, performance

Challenges Encountered by Grade 12 Performing Art Students in Bestlink College of the Philippines, S.Y. 2019–2020 in Making Theater Production: Basis for Crafting Guidelines

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Bestlink College of the Philippines

Abstract

Theater is a collaborative form of fine arts that uses live performance, typically using actors or actresses, to present the experience of a real or imagined event before a live audience in a specific place (often a stage). Performers may communicate this experience to the audience through the combination of gestures, speech, song, music, and dance. The elements of art, such as painted scenery, and stagecraft, such as lighting, are used to enhance the physicality, presence, and immediacy of the experience. The specific place of the performance is also named by the word "theater," which is derived from the ancient Greek word "theatron," which means "a place for viewing," and itself form "theaomi," which means "to see," "to watch," or "to observe. Qualitative research was used as the research design for the study. Purposive sampling was utilized to gather respondents who assess the challenges encountered by Grade 12 Performing Arts students of Bestlink College of the Philippines, S.Y. 2019–2020 in making theater production based on crafting guidelines. The study has used an instrument of survey questionnaire conducted by the researchers to gather data from the two groups of respondents. Results indicate that respondents' mean for the challenges encountered in making theater production as to academic performance. Respondents' mean for the challenges encountered in making theater production as to academic performance. The overall weighted means of 3.64 and 3.76 of male and female respondents strongly agreed with their incapability to accomplish school tasks. The average of 3.57 for male respondents showed strongly agree, and the average of 3.78 for female respondents strongly agreed. With the weighted means of 3.64 and 3.42, the male respondents showed strongly agree, while female agreed that the lack of time to go to school is a challenge for them. Respondents strongly agreed that they cannot participate in school, with the means of 3.86 and 4.44. Last, the weighted mean of 3.50 for male respondents showed strongly agree, while the weighted mean was 3.44 for female respondents in terms of focusing on class. The subsequent recommendation about the study was to adapt to the challenges that they experiencing in making theater productions, such as performing on the stage, doing rehearsals, and looking in the mirror when practicing to boost their self-confidence. When challenges or problems are encountered, always see it as a lesson or new learning.

Keywords: theater, performing arts

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