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## 6th SIMP-AAG-BCP Joint Multidisciplinary Research Festival Abstracts



**SINGAPORE INSTITUTE OF MULTIDISCIPLINARY  
PROFESSIONS, ASCENDENS ASIA GROUP and  
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# **6<sup>th</sup> SIMP-AAG-BCP Joint Multidisciplinary Research Festival Abstracts**

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**Assessment on the Operation Management of MCP Aircon Services: Basis for Proposed  
Development Plan**

Gabagat Jenard, Ronald Balanquit, Jeramel Escoton, Joffer Garcia, Mark Jhun Gulane  
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Adviser: REYNOLD R. BANGALISAN, LPT

### ABSTRACT

The purpose of the study is to assess the operation management of MCP Aircon Services in terms of customer focus, process management, planning process, process improvement, and total participation.

The study utilized descriptive correlational research, which employed ten (10) customers and ten (10) employees of MCP Aircon Services.

The result of the study reveals that the operation management of MCP Aircon Services development plan was evaluated as “Strongly Agree” in terms of customer focus, process management, planning process, process improvement, and total participation; the problems encountered in terms of services in communication was poor; and there is proposed development plan of operation management.

This study recommended that the company should consistently maintain the proposed “Development Plan in Operation Management” in MCP Aircon Services and that the MCP Aircon Services should continue to implement total quality management such as customer focus, process management, planning process, process improvement, and total participation. It is a must for a business to implement development plan factors for the employees, such as rewards/tokens, manuals, and checklists, and make a development plan that assists/complies with improving their company, especially in communication.

**Keywords:** Operation management, Aircon Services, Development plan

## **An Evaluation of Business-to-Business Transaction of Roco Non-Specialized Wholesale Trading in Valenzuela City: Basis for Proposed Operational Development Plan**

Aliza Alcaraz, Sheikinah Dado, Christiah Baba, Judy May Salcedo, Femarie Floresca, Maria Renechor Graza

### **ABSTRACT**

The purpose of the study is to evaluate the business-to-business transaction of Roco Non-specialized Wholesale Trading in Valenzuela City in terms of ethical standards, supply capacity, mode of payment, and risk management. This company offers industrial lubricants to stores and a lot of big businesses.

The study utilized a mixed method of design and had participants of 10 small business and 10 medium business clients of Roco Non-specialized Wholesale Trading located in Valenzuela City.

The result of the study reveals that most of the clients involved in business-to-business transactions of Roc Non-specialized Wholesale Trading are their regular clients who are single and male, aged between 40 and 50 years old. The assessment of the respondents in existing business transactions in terms of ethical standards, supply capacity, mode of payment, and risk management revealed that cancellation and delay of payment, as well as insufficient supply, are problems encountered. This study recommended offering membership and reward cards for clients and attracting regular clients. Also, after-sales service may improve by adding customer support, requesting feedback from clients, and offering loyalty programs like membership cards and rewards. Customers must be balanced with the available supply by monitoring the supply on hand and distribution of products, improving the payment options available, focusing on long-term strategic decision-making, implementing strong policies, conducting risk analysis, and consistent operational forecasting to prevent and minimize future problems. The operations need effective and continuous monitoring strategies and systems that evaluate clients' feedback and openly discuss the issues with the supplier. Make an operational development plan that assists in improving their business-to-business transactions.

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**Keywords:** b2b, wholesale trading, operational development plan

**Assessment of Employees Performance on AAA Ang Plus Manufacturing Basis: For Proposed  
Development Plan at Barangay Balubaran Malinta Valenzuela City**

Limueco Jomar, Ronnel Padilla, Bryan Sereno, Larry Dadvivas, Domenic Degamo, Vince Mathew  
Ruanes

Adviser: Reynold R. Bangalisan

**ABSTRACT**

An essential component of human resource management in business is assessing employees' performance, which refers to a person's ability to perform their duties effectively. Companies assess their employee's performance annually or quarterly to identify areas for improvement and encourage success. However, the process of assessing a worker's performance is complicated and requires careful planning, execution, and evaluation.

This utilized a descriptive research method, which employed twenty-five (25) employees of AAA Ang Plus manufacturing; it also used a survey questionnaire to gather data to have a basis for this study. The result reveals that the Assessment of employees' performance of AAA Ang plus manufacturing, in terms of quality of work, quantity of work, employee relationship, job knowledge, and punctuality, is good, and the employees are satisfied, but still, there are some areas that need to be developed.

The problems encountered in the assessment of team leaders managers on employee performance turned out that the three biggest problems encountered were lack of knowledge of many managers and supervisors – lack of the necessary knowledge and skills to conduct effective employee assessments; lack of preparation – inadequate preparation by both managers and employees can lead to incomplete or inaccurate assessments; poor employee discussion communication between managers and employees during the assessment process can hinder the understanding of expectations and goals.

This study recommended that manufacturing should provide comprehensive training and development programs for managers and supervisors. These programs should focus on enhancing their understanding of assessment techniques, providing feedback, and setting realistic goals. Encourage regular and open dialogue between managers and employees. Implement a structured system for continuous feedback and performance discussions throughout the year. This allows for timely identification of challenges and areas for improvement. Managers should actively listen, provide constructive feedback, and collaborate with employees to set meaningful goals. Standardized assessment terminology within the organization to ensure clarity and consistency.

**Keywords:** Assessment, Employees Performance, Development Plan

**Assessment on the Marketing Mix of Selected Convenience Stores in Manggahan,  
Commonwealth Quezon City Basis in Proposed Improvement Plan**

Lombay Charlie, Trishia Dennisse Cuysona, Darren Elpedes, John Gilbert Felizardo, Cathyrine Soro

Adviser: REYNOLD R. BANGALISAN, LPT

**ABSTRACT**

This study explores the historical evolution of convenience stores, known as Konbini, in Japan, tracing their roots back to the collaborative efforts of the Southland Ice Company and Ito-Yokado Co., Ltd. during the 1970s. The emergence of konbini brought about innovative culinary offerings like onigiri and oden, signifying a significant transformation in the food landscape. Simultaneously, the feminist movement in Japan played a role in shaping the convenience store culture, aligning with the growing demand for takeout meals, especially bento boxes, catering to busy families.

Utilizing a mixed-method research design, this study engaged three convenience store owners, five employees, and twenty-two customers in Manggahan, Commonwealth Quezon City.

The research findings provide insights into the marketing mix of these convenience stores. The evaluation reveals an overall consensus on product, price, place, promotion, and people, indicating their positive influence on the local market. However, challenges in the marketing mix, particularly in terms of implementation, are identified as areas needing improvement.

The study concludes by proposing an "Improvement Plan in Marketing Mix" tailored for the selected convenience stores in Manggahan, Commonwealth Quezon City. This plan aims to address and enhance aspects of product offerings, pricing strategies, location optimization, promotional activities, and human resources, ensuring sustained growth and competitiveness in the evolving convenience store landscape.

**Keywords:** marketing mix, convenience store



## **Assessment on the Online Strategies of Small Businesses in Quezon City**

Dorupan Angelica, Cameron Diaz, Jonhbee Gargar, Jhomena Meridor, Marielle Payad

Adviser: REYNOLD R. BANGALISAN, LPT

### **ABSTRACT**

The purpose of this study is to determine the online strategies of small businesses in Quezon City. During the COVID-19 pandemic, small to medium businesses suffered incredible losses that led to the closure of their businesses. Entrepreneurs were driven by the necessity to find alternative ways to sell goods. Online social capital built mainly on social media platforms has a positive impact.

This study uses a descriptive method and sampling technique of the Convenience method technique. The instrument used is a survey questionnaire.

The results show that online strategies of small businesses used in selling in Table 2 show that 1st Facebook significantly This study uses a descriptive method and sampling technique of Convenience method technique the instrument used survey questionnaire. Enhance the visibility of a company, potentially increasing its potential clients 2nd. TikTok, a video-centric platform, offers an excellent platform for product marketing, allowing viewers to purchase products easily through engaging videos or LIVE sessions. According to Pickard-Whitehead 2018, Over 50 million businesses use Facebook business pages, with 2 million of them using direct it for advertising.

In addition to social media marketing strategies, little attention has been paid to the sorts of messages offered on businesses' social media platforms to engage with a customer.

**Keywords:** Online strategies of small businesses

**Assessment on the Service Quality of Tata Ilio Pares-Mami House in Zabarte Road, Caloocan City**

Sabas Joeneil, Ma. Sophia Castillo, Anjelo Dumilon, Edgardo Francisco, John Patrick Oledan

**ABSTRACT**

This study aimed to assess the service quality of Tata Ilio Pares - Mami House in Zabarte Road, Caloocan City, and identify the strengths and weaknesses of the establishment's service quality, as perceived by its customers.

The study utilized a mixed-method research design, which included the use of questionnaires as the primary instrument for data collection. The respondents of the study were customers who had visited the establishment at least once. The data collected were analyzed using statistical treatment, and the results were presented in terms of the five sub-problems identified in the study.

The findings revealed that the establishment's service quality was generally satisfactory, with some areas for improvement identified. Based on the results, the study recommends that Tata Ilio Pares - Mami House should focus on enhancing its food quality, cleanliness, and customer service to improve its overall service quality. The study also suggests that similar assessments should be conducted regularly to monitor the establishment's service quality and ensure its continuous improvement.

The study recommends that Tata Ilio Pares-Mami House should focus on enhancing its food quality, cleanliness, and customer service to improve its overall service quality. The study also suggests that similar assessments should be conducted regularly to monitor the establishment's service quality and ensure its continuous improvement.

**Keywords:** SERVICE QUALITY

**Factors Affecting the Level of Productivity in the Selected Printing Shops Along Fairview  
Center Mall Quezon City**

Garcia Jerlie, Jessica Cabrera, Engelica Castete, Mary Joy Jason, Eloisa Montibon

Adviser: REYNOLD B. BANGALISAN

**ABSTRACT**

The purpose of this study is to determine the level of Productivity in the selected Printing shop along Fairview Center Mall, Quezon City, in terms of employees: age, gender, highest educational attainment, length of service, machine use, time frame of, no. of commission earned or incentives. Despite the goal of the five selected printing shops to have a quality service that is fast and efficient, it is discovered that the accomplishment of orders varies with the same volume of orders placed. The goal of this study is to identify areas for improvement and strengths, enabling the five selected printing shops to establish a work environment that values and engages employees, leading to increased job satisfaction, productivity, and employee retention.

The research method of design utilized in the study is mixed research, which determines the difference between and among the five selected printing shops. The participants of the study are Printing Shop employees, equivalent to Twenty-Five (25) respondents. The study aims to assess employee satisfaction and engagement levels among five printing shops based on their demographic profile analysis.

The result of this study shows that the highest factor in the assessment of the productivity of the selected printing shops is the Machine used with a high rate among the printing shops, followed by the Time frame of production or commission earned or incentives.

The findings suggest that machine quality and efficiency are crucial for a printing shop's success. This study hypothesized that there is no significant difference between and among the assessments of the selected Printing shops in terms of cited variables. For the other factors used in the assessment of the level of productivity, it is suggested that the Printing shops create ways to enhance those areas that need improvement or have low results.

**Keywords:** Productivity, Improvement Plan

**Impact of Marketing Mix on the New Start-up Local Businesses Around Garage NI Kuya Jo  
Along Novaliches, Quezon City**

Red Lady Milen, Erika Montero, Jackielou Obra, John Howard Pelipel, Ma Hanahlyn Pinca

Adviser: REYNOLD R. BANGALISAN, LPT

**ABSTRACT**

According to the Philippines Department of Trade and Industry (DTI), a start-up is defined as “innovating products and creating new business models that address changing societal and market needs.” The core of the Philippine economy is comprised of small companies. They encourage economic progress, foster innovation, and produce jobs.

The study utilized a mixed-method research design in which participants of the study were ten (10) customers of Garahe ni Kuya Jo and thirty (30) customers of new start-up local businesses around Garahe ni Kuya Jo along Novaliches, Quezon City. In order to interpret the data gathered, statistical tools such as frequency, percentage, weighted mean, and rating scale were used.

From the result of the study, the assessment on the utilization of marketing mix in terms of product, price, place, promotion, and people overall: Pap’s Buffalo Chicken, Food Hub Kalye Susano Est. 2022, and Garahe ni Kuya Jo strongly agree. Also, Paper Bucket agreed.; with the assessment on the impact of the marketing mix on the new start-up local businesses around Garahe ni Kuya Jo in terms of brand image, ambiance, food presentation, cleanliness, and taste overall: the Pap’s Buffalo Chicken, Food Hub Kalye Susano Est. 2022, and Garahe ni Kuya Jo got strongly agree. Also, Paper Bucket was agreed upon. There is a statistically significant difference among these local businesses around Garahe ni Kuya Jo with the treatment Pap’s Buffalo Chicken, Paper Bucket, and Kalye Susano Food Hub Est. 2022, contributing significantly to the variation observed. There is a highly significant and positive relationship between the marketing mix and its impact on new start-up local businesses, implying that how the marketing mix is managed has a substantial effect on these businesses.

This study recommended that management should be required to make sure that their employees are properly trained to carry out their jobs in accordance with the rules and regulations in order to maintain the safety of the business and their customers. Also, the new local start-up businesses should be able to expand the area they serve based on recommendations. Always make sure to provide the customer with a safe parking area. Providing suitable bathrooms and maintaining them. Lastly, businesses should implement guidelines to enhance the quality of their services and products to maintain their customers.

**Keywords:** marketing mix, start-up local businesses

## **Level of Customer Satisfaction with Using Technology-Based Self-Service Kiosks in Fastfood Industries Along Valenzuela City**

Zamora Erica, Rica Dela Cruz, Gliesel Martinez, Desiree Faye Villamor, Sergio Ybanez

Adviser: REYNOLD R. BANGALISAN, LPT

### **ABSTRACT**

The purpose of the study is to determine the level of customer satisfaction with using a technology-based self-service kiosk at KFC Malanday in Valenzuela City, in terms of demographic profile in terms of age, gender, and civil status, Level of satisfaction as assessed to senior and non-senior in terms of taking orders, menu modifications, and transaction processes the difficulties encountered and proposed improvement plan.

The study utilized a mixed research method with fifteen (15) senior and fifteen (15) non-senior respondents for a total of thirty (30) customer respondents at KFC Malanday using a convenience sampling technique.

The result of the study reveals that the respondents 59 years old and below are single, while 60 years old and above are married. Most of the respondents are female, both senior and non-senior. The level of customer satisfaction of seniors in terms of taking orders, menu modification, and transaction process were all interpreted as "strongly agree," with an overall weighted mean of 3.54 for seniors and 3.43 for nonseniors; this shows that seniors were most satisfied with the cited variables. However, some difficulties were encountered by the respondents: double-punching of orders, lack of human interaction in need of assistance, sudden malfunctions of the touchscreen, and lack of knowledge for first-time users. This study reveals that there is no significant difference between the assessments of the senior and non-senior groups of respondents. This study proposed an Improvement plan to enhance the level of satisfaction.

The result demonstrates the usefulness of this approach by describing the study's factors. This is important since knowledge from individuals with self-service kiosk expertise can be highly beneficial in comprehending the system. It is used to assess how satisfied customers feel with the driven-by-technology self-service kiosks in the fast-food sector, particularly in KFC in Valenzuela City.

**Keywords:** customer satisfaction, technology self-service kiosk, fast food industries

**Level of Effectiveness of Social Media Platforms on the Selected Lechon Manok Along  
Novaliches Quezon City**

Notario Rosegen, Anamae Pediongco, Nica Busarang, John Moises Candelaria, Judy Ann Cruz,  
Ailleen Rheine Rabanal

Adviser: Reynold R. Bangalisan

**ABSTRACT**

This study assesses the effectiveness of social media platforms in promoting selected lechon manok enterprises in Novaliches, Quezon City. It examines the effect of social media platforms on these enterprises concerning content, customer engagement, electronic word of mouth (eWOM), and trends. Additionally, it investigates how social media can be effectively utilized to garner attention, interest, and action.

This study utilized a mixed method of research design with only a total of forty (40) customers – ten (10) customers per selected lechon manok enterprises the day that the researchers conducted the survey; this study used a convenience sampling technique. The researchers utilized a survey questionnaire as the primary instrument to gather data. The questionnaire was based on the statement of problem number one (1), two (2), three (3), and six (6).

The results indicate that TikTok is the most used social media platform by the respondents of the selected lechon manok enterprises. It also indicated that social media platforms are highly effective for Baliwag, Chooks-to-Go, and Don C, whereas they are merely effective for Andok. The researchers also found that there is a meaningful distinction in how the four groups perceive the aforementioned variables.

The researchers suggest that these enterprises should broaden their target market by sharing relevant content on social media, incorporating customer perspectives, and using key performance indicators (KPIs) to measure client satisfaction, reach, engagement, and conversion. Regular monitoring of trends, employing multimedia content, maintaining an active online presence, ensuring excellent customer service, conducting result audits, engaging with the audience, promoting social media accounts, and using appropriate tools are recommended. Engagement with the audience through networking and conversations is also essential.

**Keywords:** Social media platforms, Lechon manok

**Marketing Mix Relative to Competitiveness on Selected Lechon Manok Enterprises in Maligaya St., Novaliches, Quezon, City**

Salvador Caroline, Marivic Arintoc, Jayzel Sean Permundo, Ryan Joseph Pimentel, Rhea Templado

Adviser: REYNOLD R. BANGALISAN, LPT

**ABSTRACT**

This study aims to assess the marketing mix of selected lechon manok enterprises in Maligaya St., Novaliches, Quezon City, in terms of price, promotion, place, product, people, process, and physical evidence. The study also aims to identify the problems encountered by the lechon manok enterprises in terms of assessing the marketing mix and to propose recommendations on how the lechon manok enterprises can sustain their business success.

The study used a mixed-methods approach. Two groups of respondents were used: twenty-five (25) male and twenty-five (25) female customers, for a total of fifty (50) respondents. A survey questionnaire was used to collect data from the respondents. The questionnaire was designed to assess the respondents' perception of the marketing mix of the selected lechon manok enterprises.

The results of the study showed that the respondents generally agreed that the marketing mix of the selected lechon manok enterprises is effective. However, the respondents did not support the statement that the lechon manok enterprises are doing enough to promote their businesses. The study also identified the following problems encountered by the Lechon Manok enterprises in terms of assessing the marketing mix: Lack of awareness of the marketing mix concept, Lack of resources to invest in marketing activities, and Difficulty in measuring the effectiveness of marketing activities.

The study recommended the following to the selected lechon manok enterprises to sustain their business success: Invest in and expand their presence on social media platforms like Facebook and Tiktok, strengthen their traditional marketing efforts, such as issuing flyers and posters, consider offering discounts, promos, and coupons to attract and retain customers. The study found that the marketing mix of the selected lechon manok enterprises is generally effective. However, the lechon manok enterprises need to improve their promotion efforts to reach a wider audience. The study also recommends that the lechon manok enterprises should invest in social media marketing and traditional marketing methods to sustain their business success.

**Keywords:** lechon manok enterprises, marketing mix

## **Automated Alexa-Based Modern House Design Personal Area Network With MIT Application for Remote Security Control**

Vince Joshua Antonio, Mico Velrick Busante, Mardo Daguinod, John Reynald Pajaron, Jhester Tamon

Adviser: Engr. Reynante B. Ponay

### **ABSTRACT**

Smart home technology, characterized by the integration of computing and telecommunication into conventional devices, utilizes machine learning, artificial intelligence, and big data analysis to confer cognitive awareness. This research focuses on implementing modern technology in a smart home, incorporating Amazon Alexa as a voice-activated virtual assistant, with the goal of enhancing automation and security features.

The background emphasizes the multifaceted nature of smart homes, integrating elements like visual intercom, home security, and remote monitoring. The study acknowledges the growing influence of the Internet of Things (IoT) in facilitating real-time connections between objects, people, and networks. Security challenges such as power outages, Wi-Fi disconnections, and system failures are identified, prompting the development of a prototype Smart Home System Automation. This prototype, featuring Alexa-based control of lights, security systems, and a solar power setup, aims to address previous design gaps and provide a more organized and portable main control system.

The significance of the study lies in its contribution to knowledge development in home security and automation. Homeowners benefit from automated control systems, cost savings through solar power, and heightened security. Individuals with mobility impairments find convenience in voice-activated controls, while neighbors can be alerted to intruders through alarm systems. IT practitioners gain insights into hardware and software aspects of sophisticated systems, and the environment benefits from energy savings. The research hypothesis posits the effectiveness of the Alexa-based Modern House System with fingerprint and camera security.

The scope of the study targets middle-wage salary buyers with small to medium-sized houses, limiting applicability to larger spaces or lower-income buyers. Overall, this research serves as a resource for future work in the domain of smart home technology, providing valuable insights for homeowners, practitioners, and researchers alike.

**Keywords:** Smart Home System Automation, ALEXA BASED MODERN HOUSE



## **Automated Smart Garden Monitoring Using Microcontroller and Sensor Devices With Backup Solar Energy**

Jerome Napal, Christian Ilustrisimo, Christian Philip Robinas, Ranny James Manliguis, Jemaimah Llanasas

Adviser: ENGR. REYNANTE PONAY

### **ABSTRACT**

This research introduces an Automated Smart Garden Monitoring Technology System (ASGMTS) designed to enhance plant growth and health through technology-driven optimization. The system utilizes sensors, data analytics, and machine learning algorithms to monitor real-time environmental conditions, including temperature, humidity, soil moisture, light levels, and plant growth. The study aims to design and develop a smart garden monitoring system applicable to both indoor and outdoor settings, assessing its performance, usability, and user acceptance. The envisioned outcomes include optimized plant growth, reduced resource consumption, and support for sustainable gardening practices.

The background emphasizes challenges in traditional farming and the need for efficient automated monitoring. The proposed solution employs Arduino microcontrollers and sensors, building upon a prototype by Kumar et al. (2021). The research extends this by incorporating CO<sub>2</sub> and TVOC sensors for improved gardening insights. The study addresses the lack of research on cost-effective, customizable, and user-friendly smart garden monitoring systems, aiming to bridge this gap.

Evaluation metrics, such as weighted means from user perceptions, validate the system's usefulness, reliability, and design appeal. Findings indicate strong agreement among evaluators regarding the system's utility, reliability, and design aesthetics. In conclusion, the research underscores the efficiency of Arduino Uno and Arduino Mega as control systems for the smart garden monitoring system. The recommendation suggests the integration of wireless communication for enhanced scalability, customization through preset profiles, incorporation of AI and machine learning for adaptive gardening, and cost optimization for wider accessibility.

This study contributes to the advancement of smart gardening technology, offering insights for future improvements and innovations in automated garden monitoring systems.

**Keywords:** Automated Smart Garden, Microcontroller, Sensor Devices, Solar Energy

## **Green Automated Hydroponic Technology Using ESP32 With Sensor-Based Switch System**

Phamela Amador, Rey Adrian Girasol, Julius Roy Lamprea, Kim Lyka Osic, Jonel Palencia

Adviser: ENGR. REYNANTE PONAY

### **ABSTRACT**

The escalating demand for sustainable agricultural practices amid a growing global population has propelled the integration of cutting-edge technologies in hydroponic farming. Hydroponics, a soil-less cultivation method known for its efficiency in producing high-quality crops with minimal water usage, is undergoing further enhancement through the incorporation of advanced technologies like the ESP32 microcontroller and sensor-based switch systems.

This research addresses the need for hands-on experience in crop cultivation and the time constraints faced by busy gardeners. The proposed hydroponics system utilizes sensors to monitor temperature and water levels, complemented by a notification system and surveillance camera to ensure crop security. Building on the work of G.W. Michael et al. (2021), the project focuses on an automated monitoring system for vertical hydroponic farming, with a special emphasis on nutrient solution management.

The study identifies a research gap in the integration of a comprehensive monitoring system, aiming to simplify data access for users. The goal is to develop an innovative, sustainable, and economically viable hydroponic system to enhance crop yields, reduce resource usage, and minimize environmental impact. The proposed system not only addresses labor costs but also increases efficiency by automating tasks like watering, fertilizing, and environmental adjustments, allowing growers to focus on business aspects such as marketing and sales.

In conclusion, the researchers affirm the effectiveness of ESP32 microcontrollers in the context of Green Automated Hydroponic Technology. Recommendations highlight the innovative and eco-friendly nature of automated hydroponic systems, emphasizing the integration of Arduino and sensor-based switch systems. This study envisions revolutionizing agriculture by harnessing the power of Green Automated Hydroponics with Arduino and Sensor-Based Switch Systems.

**Keywords:** Green Automated, Hydroponics Technology, Sensor-Based System.

## **Crimes Committed by Juvenile Delinquents at Barangay Holy Spirit Quezon City**

Marinel Alunday, Krizel Grace De Leon, Leslie Ann Dela Cruz, Rowena Olavario, Alona Eina Palomania

### **ABSTRACT**

Child In-Conflict with the Law introduces the idea of minor individuals performing illegal activities. Juvenile is anyone under the age of 18 years old and below. A delinquent is a person who breaks the law. Delinquency is a kind of abnormality when an individual deviates from the course of normal social life; this action is called “Delinquency.” Juvenile crime is one of the serious problems not only in the Philippines but also in every country. This problem needs more action from federal, state, and local government officials.

The researchers conducted descriptive research to discuss the findings of crimes committed in juvenile delinquency in Barangay Holy Spirit Quezon City. This process gathers all the data to determine what criminal cases they have and the effects of that crime on their personal life. Prevention and awareness should be given to the youths who have committed crimes. This research study was conducted at Barangay Holy Spirit Quezon City. The number of respondents for this study is sixty (60) Police Officers (30) and Barangay Officials in Barangay (30) in Holy Spirit Quezon City.

Most of the respondents, both Police officers and Barangay Officials, “Agree” that sa malicious mischief is the most committed in terms of Felony, illegal possession of a deadly weapon in terms of Offense, followed by a curfew in terms of Infraction. Also, all the respondents “Agree” that Conducting diversion proceedings and assisting in implementing the diversion program for CICL with discernment is the main solution to this problem, while the Absence of family members to attend barangay hearings is the main problem encountered and Implementing a program that can help to parents in guiding their children is the best way to prevent crimes in Barangay Holy Spirit Quezon City.

The researchers conclude that all the results of the study are based on the facts gathered from the respondents about the crimes committed by Juvenile Delinquents at Barangay Holy Spirit Quezon City. The data gathered by the researchers are valid and reliable; respondents be described in terms of age, sex, civil status, and educational attainment; there is an effective action to solve the Crimes Committed by Juvenile Delinquent at Barangay Holy Spirit Quezon City and the proposed action that may enhance to apply while assisting the Crimes Committed by Juvenile Delinquent at Barangay Holy Spirit Quezon City.

**Keywords:** Institutionalization, Psychiatric Illness, Rehabilitation

## **Effectiveness of Granting Probation to the Person Deprived of Liberty of Barangay 176 Bagong Silang, Caloocan City**

James Bangga, Arche Bulagnir, Aldrin Clapis, Rolando Costales Jr, Merwin Mellena

### **ABSTRACT**

The Latin phrase “Probate” (which means to test or to prove) is where the English word probation was first coined. It is a form of treatment that was created as a non-custodial substitute and is employed by the judiciary when guilt has been shown; furthermore, ever it is felt that imposing a prison sentence would be ineffective. After being released from prison, he will have a harder time readjusting to normal life, and hanging out with criminals frequently has negative impacts. A significant, contemporary approach to addressing criminals is the probation system. In its place, it adopts a criminal philosophy based on humanitarianism and utilitarianism, which breaks from conventional thought focused on the idea of deterrence through punishment. As a result, the probationary program is an essential component of the criminal code.

The researchers will make use of a descriptive design that seeks to evaluate and assess the Effectiveness of Granting Probation to the Person Deprived of Liberty in Barangay 176 Bagong Silang Caloocan City. The researchers also used the purposive sampling technique to get their respondents among ten (10) Probationers and ten (10) Probation officers in Barangay 176 Bagong Silang Caloocan City with a total population of twenty (20) respondents. Researchers also made a survey questionnaire containing questions related to our study that can be answered with a 1 to 4-point rating scale.

The outcome of the study about the Effectiveness of granting probation to the person deprived of liberty of barangay 176 bagong silang Caloocan city indicates that all of the respondents agreed probation can provide an opportunity for PDLs to reconnect with their families, maintain family relationships, and assume responsibilities within the family unit and opportunity for rehabilitation, Probation can provide a structured environment for PDLs to engage in rehabilitation programs aimed at addressing the root causes of their criminal behavior Reintegration into society, Probation can facilitate a PDLs reintegration into the community allowing them to rebuild their life and establish a sense of normalcy.

The research revealed a notable reduction in recidivism rates among individuals granted probation in barangay 176 Bagong Silang Caloocan City. Many probationers demonstrated a lower likelihood of reoffending, suggesting that the probation system plays a positive role in rehabilitating offenders.

**Keywords:** to reconnect with their families, maintain family

## **Responsiveness of the Bureau of Fire Protection During the Fire Disaster in Barangay Payatas, Quezon City**

Jomel Alvarez, Wenternel Khie Apolinada, Benigno Aquino, Arjey Gonzales, Tristan John Udal

### **ABSTRACT**

This thesis embarks on a critical examination of the responsiveness of the Bureau of Fire Protection during fire disasters in Barangay Payatas, Quezon City. In doing so, it seeks to shed light on the strengths and weaknesses of the BFP's disaster response strategies, with the ultimate aim of improving the community's preparedness and resilience in the face of this ever-looming threat. Through an in-depth analysis of response times, resource allocation, training protocols, and community engagement, this research endeavor strives to contribute valuable insights to the broader field of disaster management and, more specifically, fire disaster response.

The researchers will make use of a descriptive design that seeks to evaluate and assess the Responsiveness of the Bureau of Fire Protection during the Fire Disaster in Barangay Payatas, Quezon City. The researchers also used the purposive sampling technique to get their respondents among twenty (20) Bureau of Fire Protection Personnel and twenty (20) residents of Barangay Payatas, Quezon City, with a total population of forty (40) respondents. Researchers also used a researcher-made survey questionnaire containing questions related to our study, which can be answered with a 1 to 4-point rating scale.

The outcome of the study about the Responsiveness of the Bureau of Fire Protection during a fire disaster in Barangay Payatas indicates that all of the respondents, including the BFP personnel, agreed with our study. The residents have answered and provided a rating that shows the BFP in Barangay Payatas is Effective and Responsive. The researchers also provide some measures to further develop and improve the responsiveness of the Bureau of Fire Protection in Barangay Payatas.

The study found that the allocation of resources by BFP was often inadequate, leading to delays in controlling and extinguishing fires. Limited access to firefighting equipment and personnel was a key hindrance to rapid response. Therefore, the researchers conduct a comprehensive review of resource allocation within the Bureau of Fire Protection to ensure that an adequate number of firefighting equipment and trained personnel are available at all times and consider updating equipment as needed.

**Keywords:** Fire, Responsiveness, Fire Disaster, Bureau of Fire Protection

## **Assessment of the Health and Safety Procedure in Selected Fast Food Chains in Quezon City**

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Adviser: DR. DANA FRANCE IGNACIO, PhD., Friedr.

### **ABSTRACT**

This study is entitled “Assessment of the Health and Safety Procedure in the Selected fast-food Chain in Quezon City.” This study aims to determine the health hazards and working conditions of staff in selected fast food chains in Quezon City. This study will be conducted at a selected fast-food chain in Quezon City. The researchers studied the health hazards and working conditions in terms of safety.

This study was conducted using descriptive research methods. They utilized a Likert rating scale questionnaire to fully describe and determine the health and safety procedures in selected fast-food chains. This method and technique were chosen because it allowed a description of the demographic profile of the respondents. It also described the health hazards of the crew staff of the respondents.

The respondents described the health and safety procedures to the employees of selected fast-food chains as “strongly agree” in terms of them during the food handling procedure. According to the researchers described, the challenges encountered by the respondents during their duty are the “employee turnover” while the time is a moderate challenge in terms of their work hours. Among the two (2) variables of assessing the procedure on health and safety of attitude, “properly handwashing” is the most strongly agreed and got highly approved by the food handler.

Employees are urged to prepare the food handling protocol and wash their hands thoroughly after handling raw food. In the future, researchers must acquire the fundamentals of food handling and cleanliness. At last, when it comes to the food and personal cleanliness of their staff, managers need to be watchful and firm.

**Keywords:** HEALTH AND SAFETY HAZARD

## **Awareness of BshM Students on the Benefits of NCII Assessment: Preparation for Employability**

Angel Grace Imposollo, Roden Mark Moraleda, Jan Albert Pagulayan, Lyold Alfred Blosa, Aaron Ceazar Lorenzo

Adviser: DR. DANA FRANCE IGNACIO, PhD., Friedr.

### **ABSTRACT**

TESDA's National Certification Assessment (NC) is a key resource for job seekers, validating competence, knowledge, attitude, and behavior, and it's crucial for job prospects. BSHM students at BCP are mandated to undergo Assessment Training conducted by BCP Instructors and TESDA Assessors, which is vital for skill enhancement and workforce readiness. Successful NC completion signifies advanced training and application of knowledge, contributing to success in the professional industry.

This quantitative research used a descriptive design as a guide to determine the awareness of 3rd & 4th-year BSHM students on the benefits of NCII for employment preparation, with 50 respondents who had already undergone NCII. Purposive sampling was employed. The survey covers demographic profiles, benefits of NCII, how they will apply to their chosen field, challenges encountered, and proposed student references for employment preparation.

The survey results show the majority of respondents are from 4th-year(86%), female(58%), and 21 years old(30%). The benefits of NCII for BSHM students have an overall mean of 3.48 (Agree). Language and communication skills got the highest mean of 3.55 (Strongly Agree). NCII significantly enhances these crucial skills for the field. These skills benefit an overall professional performance and confidence. Summary of students that they can apply NCII in their chosen field with a 3.51 mean (Strongly Agree). The promotion has the highest mean of 3.60 (Strongly Agree). Students' ability to practice their NCII in their chosen field has significant implications for their potential advancement in their jobs. It indicates skill and leadership potential. The results of the challenges encountered by BSHM students in getting NC showed that knowledge got the majority. Despite challenges, the benefits of NCII for BSHM students are substantial, providing industry-relevant skills and knowledge critical for success. To address challenges, students should focus on skill development, particularly in communication, engage in training grounds that will aid them in experience, and undergo training for employment readiness.

The researchers propose a student reference and consider those recommendations for students to grow their skills, knowledge, attitude, and experience to prepare for the industry And for professors, instructors, and assessors to assist students in developing their skills and competencies, particularly those requiring assistance executing such activities.

**Keywords:** NCII, BSHM, ASSESSMENT TRAINING, TESDA

**Contribution of On-The-Job Training Program to the Employability Skills for Career Readiness:  
Towards a Guide**

Cristy Rangel, Mark Anthony De Palma, Mark Lawrence Malana, Vincent Von Oliveros, Ryuji Hirokawa

Adviser: Dr. Dana France Ignacio, Ph. D., Friedr.

**ABSTRACT**

On-the-job training (OJT) is crucial for students to learn about their chosen careers and workplace realities. However, the pandemic has affected certain laboratory activities, causing new hires to learn incorrect job completions. OJT students must uphold good work ethics, such as punctuality, collaboration, and adherence to company rules. It exposes students to opportunities and provides firsthand experience, helping them prepare for the real world of employment.

This chapter outlines a systematic approach to gathering data for business decision-making, utilizing methods such as publication research, interviews, surveys, and analyzing current and historical data. **RESEARCH DESIGN** This study utilized a descriptive method to describe data and characteristics, utilizing narrative explanations to interpret the gathered data. **RESPONDENTS OF THE STUDY** The study focuses on assessing the impact of the On-the-Job training program on 4th-year college students' employability skills and career readiness during the 2023-2024 school year. **SAMPLING TECHNIQUE** This study involved 50 (4th year) students in the On-the-Job training program, using purposive sampling to collect data. **INSTRUMENT USED** The on-the-job training program enhances skills, personal qualities, and knowledge for BSHM students, addressing challenges like lack of required skills, lack of experience, and knowledge gaps. **VALIDATION** The research instrument was validated by an advisor, grammarian, and experts and pre-tested with two BSHM fourth-year 4th students. **ADMINISTRATION** The researcher obtained management's permission to distribute a questionnaire, selected respondents, and distributed it personally, ensuring all questionnaires were recovered.

The researchers described the challenges encountered by the respondents during OJT training. The major challenges are lack of experience and training, lack of supervisor, and lack of confidence, while time is a moderate challenge in terms of the OJT training program.

Students are strongly encouraged to participate in an OJT training program to boost their self-esteem and prepare for the future since after completing the program, Future Researcher needs to carry out further investigation for **CONTRIBUTION OF ON-THE-JOB TRAINING PROGRAM TO THE EMPLOYABILITY SKILLS FOR CAREER READINESS: TOWARDS A GUIDE** to more fully comprehend the benefits and challenges of OJT.

**Keywords:** ON THE JOB TRAINING, EMPLOYABILITY, CAREER READINESS



**Customer Satisfaction on the Quality Services of Gerry’s Grill Resto-Bar at 29 St., Diliman,  
Quezon City**

Jalen Ranulph Abella, Jo Erika Delos Reyes, Lorean Cayabyab, John Ray Convencido, Jhonrel Sanguenza

Adviser: MR. ROLAND RAMBO JAYOMA, CHP, MBA

**ABSTRACT**

The comprehensive research discusses the complex relationship between customer satisfaction and restaurant service quality. It carefully looks at all aspects of service quality—such as promptness, attentiveness of employees, friendliness of communications, and overall dining experience—that contribute to customer satisfaction. Through the implementation of a strict research methodology, the study determines the essential factors that influence customer satisfaction and determines areas in which restaurants can improve the services they provide in order to build customer loyalty.

This study employed descriptive research methods, specifically a Likert scale questionnaire, to assess customer satisfaction with the restaurant's service quality. This approach was selected to effectively capture the demographic characteristics of the respondents.

Survey insights reveal the key factors that influence customer satisfaction in the restaurant industry. While food quality remains paramount, price, service quality, and physical environment also play significant roles. This highlights the importance of a holistic approach that encompasses all aspects of the dining experience.

Restaurant managers, therefore, must remain attuned to the evolving needs and preferences of their clientele, constantly striving to deliver exceptional quality in every facet of the operation. This entails prioritizing attentive service, ensuring prompt and courteous interactions with staff, providing high-quality cuisine, utilizing fresh ingredients and skilled chefs, and fostering a welcoming ambiance, creating a clean, comfortable, and inviting atmosphere.

**Keywords:** Restaurant quality Services, Customer satisfaction

**Efficacy of Educational Tours and Seminars as Learning Tools to the Students of Bestlink  
College of the Philippines**

Angelique Ramos, Wendel Mark Robles, John Kenneth Flores, Kenneth Tsuji Villanueva, Renaise  
Jane Casiple

Adviser: DR. DANA FRANCE IGNACIO, PhD., Friedr.

**ABSTRACT**

The educational tour or field trip is a visit to a place away from their normal place of study. The purpose of this trip is to provide students with an experience outside the classroom or labs. The College of Hotel and Restaurant Management curriculum includes educational tours that are quite important to the students, particularly student travelers.

This study was conducted using both descriptive and quantitative methods. The study utilizes one hundred (100) students from the Bachelor of Science in Hospitality Management of bestlink College of the Philippines. The researcher used simple random sampling based on the requirements set on the choice of the respondent. to define factors and indicators to be used in developing the study idea and framework, the researcher developed questions utilizing the probabilities sampling and items from the draft questionnaire; based on the key statement of the study topic, the researcher used the mathematical and statistical tools in order to interpret the gathered data from the survey questionnaire responses

The findings indicate that 54% of the respondents are between the ages of 21 and 25. Male respondents make up 62% of the sample, while third-year respondents make up 36%. The respondents rate the usefulness of educational tours and seminars and tours for BSHM students with an overall mean score of 3.52, interpreted as strongly agree in order for many students to learn during the seminars the tours and seminars.

Students should be urged to attend school tours and seminars in order to acquire the information and abilities needed to practice socializing and increase their self-confidence. Future researchers must continue to do research related to the hospitality industry not only for them to gain knowledge and discover new things but also for other students and future researchers to be introduced to the world of service. They should encourage students to participate in tours and seminars. School administrators. In order to persuade them to join the tours and seminars, they should reduce the actual cost and offer at least an initial payment or monthly installments for those students who want to participate but are financially unable to do so.

**Keywords:** TOURS AND SEMINARS

## Factors Affecting Customer Retention at Garahe SA Bonifacio, Bagong Silangan, Quezon City

Romalyn Dagami, Sofia Allyson Onding, Mary Grace Garces, Eva Espelogo, Kyle Rodriguez  
Adviser: MR. ROLAND RAMBO JAYOMA, CHP, MBA

### ABSTRACT

This research explores the multifaceted factors affecting customer retention at Garahe sa Bonifacio, Bagong Silangan, Quezon City. Exploring elements such as Food Quality, Price, Promo and Discounts, Quality service, Location, and Ambience. The study aims to uncover critical determinants that contribute to sustained customer retention.

This descriptive research design involves surveying 100 respondents to comprehensively explore and describe a specific phenomenon, utilizing surveys and possibly other data collection methods.

The findings aim to offer nuanced insights into the dynamics of customer retention, facilitating businesses in tailoring strategies to enhance customer loyalty.

Highlight how the information will be used to tailor services and communication, creating a more personalized and relevant experience for customers. Implement a loyalty program that rewards customers for repeat visits. This can be in the form of points, discounts, or exclusive offers. Curate a playlist with upbeat and energetic music to infuse a positive vibe. Consider genres like pop, dance, or even classic hits that encourage a lively atmosphere. Invest in ongoing training for staff to ensure excellent customer service. Empower staff to address complaints promptly, offering solutions or compensation when necessary.

**Keywords:** CUSTOMER RETENTION

**The Effect of Performance Appraisal on Employee Motivation and Productivity of Italian  
Restaurant at SM Southmall, Las Piñas City**

Miguelito Ditalo Jr, Brix Villanueva, Apolonio Fuasa Jr, Julius Ceazar Del Rosario  
Adviser: MR. ROLAND RAMBO JAYOMA, CHP, MBA

**ABSTRACT**

The purpose of this study is to determine the effect of performance appraisal on employees' motivation and productivity in terms of punctuality, accountability, leadership capabilities, and teamwork.

The study made use of the descriptive research approach, whereby twenty-five (25) Ristorante Bigoli staff members were intentional.

The results of the study show that The respondents described how the following affect the employee's appraisal of motivation and productivity as "Strongly Agree" in terms of their experience with their company.

The benefits received by employees by having a performance appraisal are incentive plans, uniforms and equipment, meal allowance, paid time off, and flexible schedules. A guideline has been proposed to enhance standard employee appraisal with the goal of increasing motivation and productivity.

**Keywords:** EMPLOYEE MOTIVATION, PRODUCTIVITY

**The Effects of Customer Review on Consumer Purchase Behavior on Selected Food Establishments in Novaliches, Quezon City: A Basis for Customer Reference**

Jay Kenneth Mejes, Mico Aldred Olfindo, Adrian Antillo, Neil Alfred Brier, Ronrick Correa  
Adviser: Mr. Roland Rambo B. Jayoma, CHP, MBA

**ABSTRACT**

In today's digital age, consumers wield unprecedented power in spending decisions, thanks to the influence of online reviews, providing them a voice to share experiences and impact purchasing choices. Consumers face challenges in purchasing decisions for various food establishments, such as last-minute buying without a plan, relying on recommendations, and routine shopping without thorough research. This study aimed to examine the effects of customer reviews on consumer purchase behavior at a specific food establishment.

The study utilized a descriptive method, and the respondents of this study were One hundred (100) customers from 3 food establishments in Novaliches, Quezon City. 30 respondents came from Tagpuan at Villareal, 30 respondents came from Sweetie Treats Fruit Shake Villareal, and 40 respondents came from Zsakers Philippines Villareal Branch

This study reveals that younger consumers, especially those in their early twenties, play a crucial role in shaping purchasing decisions in the food industry; online reviews are influenced by a diverse demographic, including both male and female participants with varying income levels; respondents strongly agreed that customer reviews significantly impact their buying behavior, considering factors such as reviews, feedback, and ratings, product quality, dis-assembled product, and value for money; the problems encountered include late or cold deliveries, slow service, poor customer experience, and product dissatisfaction. The study establishes a significant relationship between customer reviews and consumer purchase behavior, proposing guidelines to enhance customer reference.

This study recommended encouraging diverse online reviews for informed decisions, emphasizing the influence of young consumers in the food industry and the importance of balanced opinions. Share experiences based on income for unique perspectives, stressing specific details for a broad audience. Prioritize thorough, honest reviews on aspects like product quality, disassembled products, and value for money, and address issues directly with businesses. Recognize the impact of reviews on consumer behavior and consider both positive and negative feedback for informed choices. The researchers propose guidelines to improve customer reference.

**Keywords:** Online Reviews, Consumer, Food Establishments

**Airport Management System: Human Resource I ( Recruitment, Applicant Management, New Hire On-Board, Performance Management, Social Recognition)**

Ernesto James Sas, Mary Grace Eljera, Jhune Carlo Joves, Ernesto James Sas, Ero John Selerio, Carl Axel Siaton  
Adviser: Ronald G. Roldan Jr.

**ABSTRACT**

The Airport Management System has launched a project to implement a new Airline Management System for Human Resource functions. The current manual Human Resource processes will be streamlined and automated using modern technology to create a more efficient and user-friendly system. The initiative is crucial for AMS, aiming to enhance HR operations and improve customer service. The success of the implementation depends on the support of all stakeholders, with a commitment to keeping them informed and engaged throughout the project to align with the company's strategic goals.

The project team is implemented systematically, starting with defining project objectives and analyzing requirements collaboratively with stakeholders. It covers features like recruitment, applicant management, onboarding, performance management, and social recognition. The process includes designing a user-friendly interface, developing a robust database, programming modules, and rigorous testing. After deployment, there's ongoing monitoring, support, and emphasis on integration and security. Training sessions ensure effective use, with continuous evaluation and feedback loops. Maintenance addresses updates and user feedback for perpetual enhancement.

HR I department has demonstrated favorable outcomes for stakeholders in airport management. The integration of advanced features such as recruitment, applicant management, onboarding, performance management, and social recognition has optimized human resource processes. This enhancement contributes to efficient HR management, improved employee experiences, and overall satisfaction. Consequently, it is positioned to foster growth opportunities, streamline operations, and modernize human resource practices within the airport, aligning with contemporary industry standards and contributing to the overarching success of airport management operations.

HR I department module signifies a significant advancement in airport management practices by optimizing human resource processes through streamlined functionalities. Prioritizing a user-centric approach, the module emphasizes integration with existing systems, robust security, and a commitment to continuous improvement. Positioned to enhance operational efficiency, contribute to growth opportunities, and align with organizational objectives, the module plays a crucial role in advancing sophisticated human resource practices in airport management.

**Keywords:** HR I

**Airport Management System: Administrative (Legal Management, Facilities Reservation,  
Document Management(Archiving), Visitor Management, User Management)**

Bocua Siddic, Kevin Ray Calara, Sam Dinat, John Khenneth Gregorio, Brixter Jed Gun Ed  
Adviser: Ronald G. Roldan Jr.

**ABSTRACT**

This study developed an administrative management system for the airport management system, focusing on legal management, facility reservations, document management (archiving), visitor management, and user management. The system aims to manage daily activities and ensure that employees, passengers, and visitors follow the regulations. To ensure that the jobs are completed on time, The solution used by the visitor is to use email to get a QR code through email.

The project team will oversee the use of the agile methodology in the process of gathering data, such as through observation and interviews. And expedite each task as well. Obtaining input involves stakeholders as well. To carry out the administrative project.

The development team was able to give good results with the method they used to collect information, and they resolved the old administrative system. Legal Management makes contracts, agreements, and complaints. Facilities Reservation manages the facilities used by applicants and passengers. Document management (archiving) can be used to store unnecessary documents for the company. Visitor Management is the latest method for airport visitors to use a QR code from an email. User Management manages the account of the newly hired applicant and can send it to each of their emails.

The system and the effectiveness of the administrative process can both benefit from the implementation of an administrative management system. To further enhance the development of the system, it is necessary to collect feedback from the administrative team and employees and also include the requirements of the product owner. The administrative team will strive to fulfill the owner's goals. To speed up the development of each module, researchers must perform each role correctly.

**Keywords:** ADMINISTRATIVE

**Airport Management System: Core Transaction 1 (Customer Guest Management Relationship, Flight Schedule and Rate Management, Baggage Control and Information, Ticketing and Payment, Messenger M**

Diana Jhane Belleza, Woodilyn Alarcon, Demie Johnlloyd Aragon, Raniele Harold Calina, Rogelio Jay Dando  
Adviser: Ronald Roldan Jr.

**ABSTRACT**

Airport Management System: The Airport Customer Guest Management Relationship, Ticketing and Payment, Baggage Control and Information, Flight Schedule and Rate Management, and Messenger Module are all aided by the Core Transaction 1 system. Create well-organized software to handle customers' data and the reservation procedure. Customers can make reservations or bookings online using the Airport Management System Core Transaction 1.

Throughout this project, the project team employed the Agile Methodology. In order to comprehend the Airport Management process, the project team gathers relevant project studies before starting the project. The project team divides planning into distinct sprints and generates backlogs. Every day during their stand-up meeting, the project team reviews how the project is doing. In order to evaluate the sprints developed to enhance the system as a whole, the project team will lastly do a sprint evaluation and retrospective for each sprint.

It so resolves the issue and difficulty with the Airport Management System. The Airport Skystream Enterprises system, the newly improved version of Core Transaction 1, is designed to be user-friendly and easy for users to become associated with and comprehend. Furthermore, we improved the system with some new features like online booking, searchable flights to their destination, adaptable payment options, and departure and arrival status tracking.

This project will enhance the functionality and operations of airport management. Core transaction 1 secures sensitive information within the system. It keeps track of client records, personnel information, and prospective customers of Skystream Enterprises, all of which are crucial to preserve. Because of this, we require the impenetrable and safe security measures that we have put in place, such as data privacy, strong passwords, and system session timeouts, to deter hackers. In addition, the system features a database file that holds the data and backs up the information in case the data gets collapsed.

**Keywords:** Core Transaction



**Airport Management System: Core Transaction 2 (Iata et al./Iata Bag Tag Printing, Departure Control, Arrival Control, Interactive Seat Maps, Immigration)**

Bojocan Jonnel, Julia-Ann Concepcion, Erick Gulpe, Noah Pingol, Kathleen Sudario

**ABSTRACT**

The airport management system plays a vital role in the transportation sector, particularly in core transactions, by facilitating the transportation processes of passengers to the destination they want to be. The Airport management system: CORE TRANSACTION 2 is a comprehensive solution that provides the needs of external clients/passengers regarding their transactions outside Skystream Enterprise Company. The CORE TRANSACTION 2 project focuses on the needs and validates the transaction that has been placed when the clients have a booking in our company. The existing Airport management system often lacks efficiency and productivity in managing real-time operations, resulting in transaction delays, inefficient services, and, lastly, loss of profit for the company.

The project team uses agile methodology. The project team collects the data through online interviews, observations, and collaboration with the stakeholders to identify the key features that must be provided during the development of the system. By incorporating the stakeholders' feedback, the project team will continue to promote improvements and focus on the key features in the development of the Airport management system: Core transaction 2.

The Airport management: Core transaction 2 provided positive outcomes for stakeholders in the airline industry, with its efficient kiosk features that provide productivity to the airlines, reduce delayed transactions, and enhance passenger satisfaction, resulting in the company's productivity and efficient services to the passengers.

The implementation of the Airport Management system, Core Transaction II, has had significant benefits in the airline industry. By using an agile and goal-driver approach, the project team provides efficient and productive projects in the airline industry. The project team promoted beneficial changes in the airline industry by promoting new features, such as the kiosk feature, which creates an opportunity for the airline industry to promote security, efficiency, and productivity. The Airport management system: Core Transaction II will expect further improvements in the future by implementing new features that will make the project more efficient than the previous implementations, and those features will be the key to the success of the project in terms of functionality, efficiency, and productivity.

**Keywords:** Core Transaction 2

**Airport Management System: Financials (Budget et al., Accounts Payable / Receivables, Disbursement, Collection)**

Joshua Amada, Joshua Devara, Jan Lloyd Sabado, Mark Joseph Samson, Jeremy Sosa  
Adviser: Ronald G. Roldan Jr.

**ABSTRACT**

One of Skystream Enterprise's mainstays is the Airport Management System: Financials, which acts as a pivot for managing and maximizing a wide range of financial activities involving both clients and staff. It functions as the organization's central nervous system, facilitating the efficient and seamless flow of funds throughout the enterprise. This solution helps Skystream Enterprise make wise decisions, use resources wisely, and uphold financial transparency by giving real-time insights into financial data. As a result, in a highly dynamic aviation landscape, it becomes a vital instrument for accomplishing the company's strategic objectives.

To gather essential data for the development of the Airport Management System: Financials, the project team uses an agile methodology that combines observations and active collaboration with stakeholders. We identify key features critical to the system's financial aspect using this approach. Our focus remains on promoting continuous improvements and enhancements, particularly in the realm of financial processes, to ensure a refined and effective Airport Management System.

The Financials Department has marked a transformative journey, achieving remarkable milestones in optimizing financial processes and bolstering stakeholder satisfaction. The implementation of streamlined transactions not only reduced operational delays but also established a more agile and responsive financial framework. Enhanced financial management practices have played a pivotal role in fostering efficiency.

The integration of the Airport Management System has brought substantial benefits to the airline industry. Applying an agile and goal-driven approach, the Financials Department has successfully implemented an efficient and productive project within the airline sector. The team has actively advocated positive changes in the financial landscape of the airline industry by introducing new features that enhance security, efficiency, and overall productivity. In anticipation of future improvements, the Airport Management System: Financials is poised for ongoing enhancements through the integration of innovative features, ensuring a more efficient and effective financial management system compared to previous implementations.

**Keywords:** Financials

**Airport Management System: Human Resource I (Recruitment, Applicant Management, New Hire On-Board, Performance Management, Social Recognition)**

Mary Grace Eljera, Jhune Carlo Joves, Ernesto James Sas, Ero John Selerio, Carl Axel Siaton  
Adviser: RONALD G. ROLDAN JR.

**ABSTRACT**

The Airport Management System has launched a project to implement a new Airline Management System for Human Resource functions. The current manual Human Resource processes will be streamlined and automated using modern technology to create a more efficient and user-friendly system. The initiative is crucial for AMS, aiming to enhance HR operations and improve customer service. The success of the implementation depends on the support of all stakeholders, with a commitment to keeping them informed and engaged throughout the project to align with the company's strategic goals.

The project team is implemented systematically, starting with defining project objectives and analyzing requirements collaboratively with stakeholders. It covers features like recruitment, applicant management, onboarding, performance management, and social recognition. The process includes designing a user-friendly interface, developing a robust database, programming modules, and rigorous testing. After deployment, there's ongoing monitoring, support, and emphasis on integration and security. Training sessions ensure effective use, with continuous evaluation and feedback loops. Maintenance addresses updates and user feedback for perpetual enhancement.

HR I department has demonstrated favorable outcomes for stakeholders in airport management. The integration of advanced features such as recruitment, applicant management, onboarding, performance management, and social recognition has optimized human resource processes. This enhancement contributes to efficient HR management, improved employee experiences, and overall satisfaction. Consequently, it is positioned to foster growth opportunities, streamline operations, and modernize human resource practices within the airport, aligning with contemporary industry standards and contributing to the overarching success of airport management operations.

HR I department module signifies a significant advancement in airport management practices by optimizing human resource processes through streamlined functionalities. Prioritizing a user-centric approach, the module emphasizes integration with existing systems, robust security, and a commitment to continuous improvement. Positioned to enhance operational efficiency, contribute to growth opportunities, and align with organizational objectives, the module plays a crucial role in advancing sophisticated human resource practices in airport management.

**Keywords:** HR1

**Airport Management System: Human Resource 4 (Payroll et al. and Administration, HR  
Analytic, Core Human Capital Management)**

Derla Joey Jr, Jonathan Estipona, Jaymar Ferrer, Marc Reiden Gumahung, John Lloyd Nabual, John  
Ray Tambago

**ABSTRACT**

The Airport Management System is an integrated and innovative system that is designed to efficiently manage various airport operations. The system's objective is to streamline processes, boost operational effectiveness, and enhance the overall employee experience by utilizing the agile methodology approach during the project execution.

The airport management system covers a wide range of functions, including automatic computation of payroll, generating schedules, monitoring of benefits and incentives, and monitoring of job vacancies using the enhanced system, which allows you to filter and summarize reports that you will need. The system is composed of various modules that concentrate on a specific aspect of airport operations, such as payroll, compensation planning and administration, HR analytics, and core human capital management.

Implementing an effective Airport Management System requires collaboration among project sponsors, stakeholders, and scrum masters, including airport authorities, airlines, ground handlers, and regulatory bodies. The goal of this is to create a unified and efficient system that enhances the overall performance and safety of the airport.

**EFFICIENCY-** The success and sustainability of airport systems depend on the efficiency of their airport management systems. It enhances cost-effectiveness, safety, customer satisfaction, and flexibility to adjust to changing conditions and industry trends. The goal is to make improvements in accessibility and functionality in a short period of time. **ACCURACY-** In airport management systems, Accurate data reports provide reliable information that supports decision-making processes, helps identify areas for improvement, reduces possible errors, and ensures compliance with regulations. **SECURITY-** The project team will be using Star topology for its network. Star topology is a network configuration where all nodes (devices or computers) are connected to a central hub or switch. Star topology offers simplicity and ease of management; it also has security considerations that should be addressed. Access is restricted to authorized personnel only. Regular backup procedures are needed to ensure that data can be recovered in the event of accidental deletion, hardware failure, or other data loss scenarios.

**Keywords:** HR4

**Airport Management System: Human Resources 3(Time et al., Shift and Scheduling, Claims and Reimbursement)**

Melnard Besales, Girlie Caina, Loren Mae Comawas, Mark Jefferson Corporal, Jerwin Delos Santos,  
Joshua Palagam  
Adviser: Ronald Roldan Jr.

**ABSTRACT**

The Airport Management System (AMS) is the world of workforce management! These components you've mentioned are vital for keeping everything running smoothly in a business. Timesheet management ensures accurate recording of hours worked, while leave management helps in tracking and approving employee absences. Shift and scheduling tools are great for optimizing work hours and ensuring the right people are in the right place at the right time. Time and attendance systems help monitor punctuality and attendance patterns. Claims and reimbursement tools streamline the process of managing employee expenses. Each plays a crucial role in maintaining efficiency.

The AMS Human Resource 3 This involves tracking and managing the time spent by employees on various tasks or projects. It helps in understanding how time is utilized within the organization. This refers to the process of managing employee absences, including vacation time, sick leave, and other types of time off. It often involves tracking accrued leave, approval processes, and ensuring adequate staffing despite absences. This involves creating and managing work schedules for employees. It includes assigning shifts, managing employee availability, handling shift swaps or adjustments, and ensuring adequate coverage. Tracking and managing employee attendance, including clocking in and out, monitoring tardiness, and ensuring compliance with working hours and regulations. Managing and processing employee

The AMS Human Resource 3 You seem to be discussing different facets of labor-management or features of HR 3 Software Time and attendance records the number of hours worked by employees, claims, and reimbursements, manages employee reimbursement for out-of-pocket expenses, shift, and scheduling organizes work hours, and timesheet management maintains the number of hours worked by employees.

The AMS Human Resource 3"Timesheet management, leave management, shift and scheduling time and attendance, claims and reimbursement this involves tracking the hours worked by employees. Automated systems can streamline this process, reducing errors and providing accurate data for payroll and project, as well as project management. Effective leave management ensures a balance between employee time off requests and operational creation.

**Keywords:** Human Resources

**Airport Management System: Logistic Management System (Maintenance Repair and Overhaul, Asset Management, Warehousing, Procurement, Project Management, Vehicle Reservation, Audit Management,**

Angelo Donado, Jhon Michael Garcia, Jeremi Globio, Christopher Henaloc, Krisha Mae Tac An  
Adviser: Ronald Roldan Jr.

**ABSTRACT**

Logistics management is the strategic process of planning, implementing, and controlling the efficient flow and storage of goods, services, and information from the point of origin to consumption. It involves coordinating various aspects of supply chain operations, including transportation, inventory management, warehousing, and distribution, with the goal of optimizing resources, reducing costs, and ensuring timely delivery to meet customer demands. Effective logistics management plays a pivotal role in enhancing operational efficiency, customer satisfaction, and overall success.

The research team used Agile methodology in airport logistics management. This method is intended for rapid development. It includes project planning, the creation of a product road map, daily stand-ups, sprint reviews, and retrospectives. The project team began by reviewing several research papers in this field and then extracted all of the important data about our research. For its adaptability to rapidly changing passenger demands, enabling quick adjustments in processes, enhancing efficiency, and maintaining service excellence despite unpredictable operational conditions. Ensures adaptable and iterative strategies to efficiently handle fluctuating cargo volumes, optimize ground handling processes, and swiftly address evolving customer needs.

As a result, the development team established Maintenance repair and overhaul, Asset Management, Warehousing, Procurement, Project Management, Vehicle Reservation, Audit Management, Fleet Management, and Vendor Portal. This system will assist the logistics staff in monitoring and evaluating every project and product that comes into the company. In airport management, effective logistics ensure seamless movement of goods, passengers, and services, optimizing operations, reducing delays, and enhancing overall traveler experience through efficient handling of resources and processes. A programmer created a system that will assist both staff in managing work monitoring and evaluation.

The developed system is a huge help to the logistics staff. We need to collaborate with every company and worker, especially now that we're facing an economic standard, so the development team creates a system that will help Airport management and Logistics staff evolve through technology integration, data-driven decision-making, and a focus on efficiency to streamline operations, enhance passenger experience, and optimize supply chain coordination.

**Keywords:** logistic management

**Assessing the Accessibility and Utilization of Mental Health Services Among Grade 12  
Humanities and Social Science Students at Bestlink College of the Philippines**

Julie Magramo, Rizza Bonete, Atzeck Camanan, Sandara Felizardo, Ma Hannah Jabriel Reyes  
Adviser: JONALYN CARASCO

**ABSTRACT**

In the past decade, mental health services have seen increased accessibility, yet their availability to senior high school students remains a challenge. Many students opt not to disclose their mental health concerns due to societal stigma and limited resources, hindering their access to necessary assistance. Addressing this issue requires concerted efforts from families, friends, and institutions. The aforementioned should provide support, foster open communication, and collaboratively navigate conflicts. Institutions, in particular, must facilitate access to services and develop tailored programs to alleviate these barriers. These initiatives aim to mitigate mental health issues among senior high school students, thereby enhancing their overall productivity. Strategies aimed at enhancing access to mental health services for students should prioritize enhancing mental health literacy, diminishing stigma, and respecting young individuals' desires for autonomy.

The purpose of this study is to assess The Accessibility and Utilization of Mental Health Services among Senior high School Students of Bestlink College of the Philippines. The study aims to understand the typical demographic characteristics of these students, the effectiveness of counseling programs, the significance of conducting them for Grade 12 HUMSS students, and the perceived barriers to accessing mental health services. Using descriptive design, systematic information from the respondents will be obtained by describing a phenomenon, situation, and population. The findings of this study will provide important information on addressing the barriers that prevent students from accessing mental health services. The implications of this research extend beyond the valuable insights for students, mental health professionals, educators, and parents, aiming to improve the quality and image of mental health services and foster the mental well-being of senior high school students.

**Keywords:** mental health services accessibility and utilization, mental health services, students, mental health illness and barriers

## **Effects of Online Dating Applications Among LGBTQIA+ Students of Bestlink College of the Philippines**

Villegas Genesis, Lalaine Sorio, Mariel Mae Go, Fairrose Mogni, Joshua Orquita  
Adviser: Krisssha Jaine Laurente

### **ABSTRACT**

This study aims to identify the effects of online dating applications on self-realization among LGBTQIA+ students of Bestlink College of the Philippines in terms of age, gender identity, and application usage. This study utilized descriptive quantitative research. The participants of this study are fifty (100) LGBTQIA+ students at Bestlink College of the Philippines.

This study utilized descriptive quantitative research. The participants of this study are fifty (100) LGBTQIA+ students at Bestlink College of the Philippines.

Based on the results of the study reveal that the majority of the respondents are Gay between the ages of 21 and 23 years and have Tinder as the most used online dating application. The results reveal that (45%) of the respondents answered “I am single” before using the apps, (35%) answered “I am dating someone” while actively using the app, and (53%) answered “I am in a relationship” after they used the app. Therefore, it can be concluded that online dating applications become the venue for creating relationships or for finding one. From the results, it has been revealed that the majority of the respondents answered “Agree” about the problem of spending most of their time on online dating applications, and it ranks number 1 in the problems listed in the questionnaire. Placed in rank two and “Strongly Agree” on the problems that the respondents encountered in using online dating applications is the experience of receiving disrespectful words while they were using online dating applications.

Overall, the researchers recommend all possible involved departments and organizations to conduct seminars and workshops to address the discrimination, anxiety, and misuse of online dating applications and the data stored on them. And to read available articles, books, and research that will help the respondents enhance their self-realization and cope with the problems revealed in this study.

**Keywords:** LGBTQIA+, effects, online dating applications, self-realization, students.



## **Effects of Peer Pressure on Self-Image Among Criminology Students at Bestlink College of the Philippines**

Ericson Pascual, Abdul Mujahid Acmad, Cielito Dela Cruz, Allen Angelicko Gaddi, Lawrence Sarco  
Adviser: IRENE T. MAYOR

### **ABSTRACT**

Peer pressure may have a considerable influence on criminology students' self-image. This research investigates how the effect of peers within the criminology academic setting changes people's self-perception. The study looks at the effects of peer pressure on the development of self-image, identity, and decision-making in criminology students. The study intends to contribute to a better understanding of the social elements that impact the self-image of future criminologists by investigating the dynamics of peer relationships within this specific academic subject.

The research methodology involves the collection of data from a randomly selected sample of 10% of the population of criminology students. Participants will be asked to complete a structured questionnaire designed to assess their experiences with peer pressure and its effects on self-image. The survey instrument incorporates Likert-scale questions and open-ended items to gather both quantitative and qualitative data.

The research provides a comprehensive understanding of the multifaceted nature of peer pressure among first-year Criminology students, highlighting its influence on psychological well-being, body image, social dynamics, emotional well-being, and physical behaviors. The contextualization of the findings with existing research adds depth to the interpretation, emphasizing the need for a nuanced understanding of the interplay of social factors in shaping various aspects of students' lives.

The study investigates the effects of peer pressure on self-image among randomly selected first-year Criminology students at Bestlink College of the Philippines. The research, covering a balanced mix of male and female respondents (10% of the population), utilizes Likert scale questionnaires. Key findings indicate a dual nature of peer pressure, with both positive and negative consequences. Body image concerns, challenges in interpersonal dynamics, and a range of behaviors and attitudes among students are identified. The findings of this research may serve as a guide for educators, counselors, and policymakers to develop targeted interventions that address the specific needs and challenges faced by criminology students in managing peer pressure and enhancing their self-image. Understanding these dynamics can potentially contribute to the creation of a supportive academic environment that fosters positive self-perception and overall well-being among criminology students.

**Keywords:** PEER PRESSURE

## **Effects of Peer Pressure on Self-Image Among Criminology Students at Bestlink College of the Philippines; Towards a Guide**

Ericson Pascual, Abdul Mujahid Acmad, Cielito Dela Cruz, Allen Angelicko Gaddi, Lawrence Sarco  
Adviser: IRENE T. MAYOR

### **ABSTRACT**

Peer pressure may have a considerable influence on criminology students' self-image. This research investigates how the effect of peers within the criminology academic setting changes people's self-perception. The study looks at the effects of peer pressure on the development of self-image, identity, and decision-making in criminology students. The study intends to contribute to a better understanding of the social elements that impact the self-image of future criminologists by investigating the dynamics of peer relationships within this specific academic subject.

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Quantitative analysis will be employed to examine patterns, correlations, and statistical significance between variables. Descriptive statistics, such as mean scores and standard deviations, will be utilized to summarize the data and identify trends. The study aims to contribute to the existing body of knowledge on the psychological aspects of criminology students, shedding light on the role of peer pressure in shaping self-image.

The findings of this research may serve as a guide for educators, counselors, and policymakers to develop targeted interventions that address the specific needs and challenges faced by criminology students in managing peer pressure and enhancing their self-image. Understanding these dynamics can potentially contribute to the creation of a supportive academic environment that fosters positive self-perception and overall well-being among criminology students.

**Keywords:** PEER PRESSURE, SELF-IMAGE

## **Influences of Part-Time Jobs in Gaining Workforce Skills Among Psychology Students**

Tabodlong Jenica, Marielle Alican, Princess Natasha Bermido, Neslie Luna, Vivien June Suguitan  
Adviser: Ms. Irene T. Mayor

### **ABSTRACT**

In different parts of the country, working while studying has gained popularity during the last several decades. While attending lessons at school, students manage a range of tasks at work. Students who decide to work while they are in school do so for a variety of reasons, including experiences, financial concerns, and a host of other factors. However, this study mainly focused on the influences of part-time jobs in gaining workforce skills among 4th-year psychology students at Bestlink College of the Philippines.

The study utilized descriptive quantitative research. The respondents of this research are composed of thirty (30) selected 4th-year psychology working students who used the purposive sampling technique to get the sample needed for this study. The questionnaire used is made up of the Likert scale assessment tool. It contains the demographic profile of the respondents in terms of age, sex, type of job, and number of working hours. Also, it pertains to the factors of doing part-time jobs and indicates the level of workforce skills of the respondents.

The summary of findings reveals that the majority of respondents are female and aged from twenty-one to twenty-five (21-25) years old. Additionally, Customer Service ranks first in the most frequent answer of the respondents as their Job Industry. As to number of working hours, twenty-three (23) of the respondents, which is equivalent to seventy-seven percent (77%) of the working students, work for seven to nine (7-9) hours. The findings showed that the main factor of the respondents in doing part-time jobs is work experience. It has the highest average weighted mean, which is three-point forty (3.40), and is verbally interpreted as strongly agree. Furthermore, leadership and problem-solving skills are both the highest level of workforce skills gained by the respondents. It has an average weighted mean of three-point forty-three (3.43), which is verbally interpreted as always.

Overall, work experience is the major factor in the respondents' doing part-time jobs. The students may use part-time jobs to gain experience that can help them prepare for their future jobs. Working part-time also helps students gain workforce skills, which are beneficial to students. They can use the skills they gained in studying and in their future work.

**Keywords:** Part-time jobs, Workforce skills, Working students

## **Job Satisfaction Among Food Service Department Employees Performance of S&R**

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### **ABSTRACT**

The purpose of the study is to determine job satisfaction among food service department employees' performance of S&R in terms of age, gender, educational attainment, and job position. The study utilized descriptive research design using a quantitative approach and purposive sampling technique. Job satisfaction is a measure of an employee's contentedness with their job, the feeling of enjoyment or fulfillment that a person derives from their job.

The researchers use a Likert-Scale questionnaire to conduct a survey; a Likert scale is a type of rating scale, often found on survey forms or questionnaires, that measures how people feel and levels of agreement, which can be useful in many different situations.

The result of this study will provide information on how job satisfaction affects the performance of employees at S&R Congressional. Researchers will use Likert-Scale questionnaires as an instrument to gather information and data.

This study concerns the positive and negative impact of job satisfaction on the performance of S&R employees in Congressional. The chosen respondent of this research is focused on the food service department. The respondents of this survey were open to both genders and had no age limit for employees of S&R in Congressional. The participants of the study are chosen from fifty (50) employees of the Food Service Department of S&R Congressional, Quezon City. The results of the study reveal that the majority of the respondents are female, with 64% or 32 individuals. Most of the respondents are 25-34 years old, with 50% or 25 individuals. Most of the respondents are production staff, with 50% or 25 individuals. Most of the respondents are college undergraduates, with 42% or 21 individuals. Respondent is highly satisfied with their tasks, self-assessment abilities, and awareness of necessary improvements. They also express satisfaction with colleagues, workload, decision-making empowerment, support, and participation opportunities despite challenges. However, there's room for improvement in compensation satisfaction. This study will be beneficial to students who are currently working. They became aware of this study and know the importance of job satisfaction to the performance of their work.

**Keywords:** job satisfaction, job performance, peer pressure, crab mentality, social expectation, family support, benefits at work, salary, supervisors, colleagues, satisfied.

## Significance of Parenting Style of Single Mothers Among Senior High Schools: Towards a Guide

Jessica Castaneda, Jasmine Barlan, Norelyn Bodoso, Sophia Dela Cruz, Jemarie Villanueva

### ABSTRACT

The aim of the research study entitled "Significance of Parenting Style of Single Mothers among Senior High School: Towards a Guide." is to know the impact of single mothers' parenting style on the students' psychological flexibility. The parents affect the development of the child, particularly during critical times such as prenatal and early childhood. Thus, the development also involves the psychological flexibility of the child. Psychological flexibility has six distinct elements: acceptance, contact with the present moments, self as a context, defusion, committed actions, and values. This study will determine the significance of single mothers' parenting style in their child's psychological flexibility.

This study applied Descriptive Design and snowball sampling as the sampling technique. A sample population of sixty (60) senior high school students studying at Bestlink College of the Philippines, Millionaires Village, Quezon City, was involved in this study. This study used a self-made survey questionnaire that was validated as the data collection instrument. Snowball Sampling was used in this study; the data were gathered and distributed to the students who were available during the data-gathering period.

The results of the study reveal that the majority of respondents are under the age of 18 years old and under the General Academic Strand (GAS), with a bracket of 10,000 to 20,000 socioeconomic status. The most received parenting style that the respondents received from their mother is the Authoritative parenting style, which is interpreted as "Agree." the problems encountered by the respondents regarding their psychological flexibility in terms of Acceptance, Contact with the present moment, Self-as-context, Defusion, Committed Actions, and Values are all interpreted as "Agree." The data analysis determined that the parenting style of single mothers did not effectively affect the psychological flexibility of the students.

Overall, the researchers recommend using the authoritative parenting style for single mothers to effectively help their children be psychologically flexible with the help of the guidelines that the researchers crafted. This study can be utilized as a basis for crafting a guideline that will help single mothers gauge their level of awareness regarding different parenting styles, which may also help them to give proper parenting styles to their children and aid them in ineffective psychological flexibility. The findings achieved in this study would benefit the teachers, schools, and future researchers.

**Keywords:** Psychological flexibility, Parenting Style, Acceptance, Contact with the Present Moments, Self-as-context, Defusion, Committed Actions, Values.

## **Stress Levels and Coping Mechanisms Among Student Parents of Bestlink College of the Philippines**

Jemenia D Care, Wilson Iii Atilano, Christian Mae Marcelo, Jovin Pastoril, Ellouise Jean Saramosing

### **ABSTRACT**

Student Parents are students who are pursuing a degree at a university or college while maximizing their intellectual potential and raising their children appropriately. Despite having a kid, student parents continue to seek education and obtain a degree. However, as a regular student, they are likely to face stress caused by a range of variables such as the surroundings, financial, emotional, and intellectual stress, and so on. Parents who are also students may feel stressed by both roles. Parental stress can be caused by a variety of factors, including financial stress from child support and academic help, time management stress, emotional stress from school and having a child, and pressure stress from school and raising a child.

This study scrutinized the stress levels and coping mechanisms among student parents of Bestlink College of the Philippines. Researchers also ascertain the amount of stress and coping techniques of student parents at Bestlink College of the Philippines. This research uses a descriptive research method and purposive sampling techniques. The researchers-made questionnaire was used and given directly to the respondents to gather data from them. The statistical tools that were used in this study are frequency and percentage, ranking, mean, and a 4-point Likert scale to determine the stress levels and coping mechanisms of the student's parents.

Most of the respondents are between the ages of twenty-three and twenty-seven, and they are mostly females with one to two children. Financial stress-related factors ranked first on the survey, followed by family relationship stress-related factors, and socio-ecological stress-related factors ranked third on the survey. In terms of coping strategy, “problem-focused” got the highest rank, followed by “avoidance” and lastly, “emotion-focused,” which got third to the highest rank.

This study concludes that student parents have a high level of stress in terms of finances, which causes them to feel anxious about their financial future and how to meet the basic needs of their child or their family. Researchers also conclude that the respondents tackle their problems head-on and eliminate the source of their stress by developing a clear plan that will help them do better and start to feel more confident in their ability to succeed in any problems or situations they face.

**Keywords:** Student parents, Stress levels, Coping Mechanisms, avoidance, emotion-focused, problem-focused, family relationship, Socio-Ecological factor, financial factor.

## **The Impact of Social Media Use on Self-Esteem Among Psychology Students**

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Adviser: JONALYN CARRASCO

### **ABSTRACT**

This study evaluates college students' self-esteem levels in relation to their social media practices. Users of social media platforms create the most idealized version of their lives and share with inherent selectivity. As a result, social media has created an ideal environment for social comparison, with billions of people actively scrolling through the fabricated lives of their peers in exchange for numerical validation. Social comparison can involve comparing one's own achievements, appearance, beliefs, and social position to those of others, which can have the potential to have either a positive or negative impact on self-esteem among the students. Since then, these sites have grown in popularity, an aspect of people's lives, particularly the lives of the youth. A large number of teenagers are using social media, particularly Facebook, to interact and create relationships with the rest of the world, share and receive knowledge and information, forge stronger bonds and personalities, and lead more fulfilling social lives. Many college students rely on social media sites to engage in romantic and casual internet relationships. Social Media enable users to make social comparisons, which increases psychological suffering and lowers general self-esteem.

This study was conducted to explore the Impact of Social Media use on Self-Esteem among psychology students at Bestlink College of the Philippines during the academic year 2023-2024. The researchers utilized a quantitative research design research methodology to analyze the connection between Self-esteem as an independent variable and social media as a dependent variable. The main objective of this research is to determine whether social media has a significant impact on self-esteem among students. To achieve this goal, simple random sampling techniques were used under probability sampling methods. In order to collect data for this study, questionnaires are issued to the participants. An online survey questionnaire gathers data that allows respondents to provide necessary information for the research. Researchers will use lists of planned questions related to social media and self-esteem, and they will select them in online questionnaire form to indicate responses to each question. The researchers created self-developed questionnaires consisting of fifteen (15) item questions as an instrument. It should be noted that the names of respondents are optional in this study.

**Keywords:** Self-Esteem, Social Media

## **The Influence of Parenting Styles on the Development of Empathy in Children**

Justine Manaay, Kate Mary Joy Prudenciado, Stephanie Parado, Ghelai Mias, Daniela Marie Nunez

### **ABSTRAC**

An essential part of social and emotional intelligence, empathy is critical to an individual's success and general well-being. It makes it possible to relate to and comprehend the feelings and experiences of others, which promotes happier interpersonal interactions and a more cohesive community. According to research, kids who have high empathy tend to be more cooperative, compassionate, and prosocial; they also tend to be less aggressive and antisocial in nature. Psychologists characterize parenting styles as a continuum from permissive to authoritarian, with authoritative parenting finding a middle ground between enforcing rules and being receptive to the needs of the child.

Research has shown that children who grow up with authoritative parents typically exhibit greater empathy than children who grow up in more authoritarian or permissive situations. This implies that the best strategy for fostering empathy in kids would be a well-balanced one that emphasizes open communication, respect for one another, and steady punishment. Conversely, authoritarian parents, who tend to be cold and unforgiving, could unintentionally prevent their kids from growing up to be empathic.

Conversely, authoritarian parents, who tend to be cold and unforgiving, could unintentionally prevent their kids from growing up to be empathic. The development of empathy can also be hampered by lax parenting, which is characterized by a lack of structure and discipline and leaves youngsters unable to comprehend limits and other people's viewpoints. Since parenting practices have a significant influence on a child's ability to develop empathy, interventions and educational initiatives have been developed to equip parents with the skills and knowledge needed to help their children develop this important quality.

In conclusion, the relationship between parenting styles and the development of empathy in children is a complex and multifaceted one. Through rigorous statistical analysis and thorough examination, this study seeks to shed light on the most effective approaches to parenting for cultivating empathy. By enhancing the parenting skills of caregivers, we aim to contribute to the creation of a more empathetic and compassionate generation, fostering stronger connections and a more harmonious society as a whole. In essence, there is a complicated and multifaceted relationship between parenting practices and children's development of empathy.

**Keywords:** Parenting, Development of Empathy, Child rearing process



## **Bestlink College of the Philippines Fire Disaster Preparedness; Basis for Fire Safety Awareness**

Ian Kervin B Buena, Robina Dayday, Joshua Daza, Bonnie Marcelo, Gerald Tierra

### **ABSTRACT**

Of all the natural disasters, fire is the only one that is both beneficial to man and his environment as well as destructive and deadly. Man has depended on it for centuries for things from cooking and heating to a major source of lighting. And yet, thousands of people die each year as a result of either house fires or wildfires in some places. When it gets out of hand, early warning from a smoke detector or knowledge and skill on how to calmly escape a fire situation is vital. A thorough assessment of the wiring system/ electrical connection, other fire hazards, and possible causes of fire should be conducted to eliminate the possibility of fire. The study also seeks to determine if both personnel and students are aware of the different drills, procedures, and workarounds in school if there are ever actual fire breaks.

The study will utilize the descriptive method of research to show the respondents' appraisal of the fire safety readiness of the Bestlink College of the Philippines. The study contains One Hundred (100) limited respondents. It includes thirty (30) employees and seventy (70) selected students of the Bestlink College of the Philippines. The selected respondents were chosen through purposive sampling. In this study, the main gathering instrument used was the survey questionnaire formulated by the researchers with the guidance of the thesis adviser.

The respondents agreed that on every floor, there must be an available fire hose with a mean score of 2.9, interpreted as agreement. In terms of training, the respondents agreed that the school must conduct regular fire drills. There is also available signage posted at every exit of the school. According to the respondents, fire safety awareness is important to prevent fires and keep the sources of fuel and ignition apart.

Bestlink College of the Philippines Fire Disaster Preparedness is ready for any fire incident that might occur. The problems encountered that affect the school preparedness, such as “Lack of well-labeled exits,” are the main concern of the respondents. Measures may be proposed to improve the fire safety of the institution for continuous safety. “Everyone in the school should know how to evacuate in the event of a fire. There should be a designated fire exit and a backup exit in case the first one is blocked.”

**Keywords:** fire safety, fire preparedness, fire disaster preparedness