

**STUDENT EVENTS NOTIFICATION AND**

**EVALUATION SYSTEM**

A Capstone Project Presented to

The Faculty of the Engineering and Technology

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By

**ARGIE P. BELOA**

**LEE MARK D. BUENO**

**JOHN MARK A. GREGORIO**

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**CHAPTER I**

**INTRODUCTION**

**Background of the Study**

In today's digital era, technology is rapidly evolving from web-based, application and AI: Universities need to adapt to keep the fast pace of technology. Ever since technology started to impact our lives it gives us convenience in everything we do, from home, work, and schools and since then it helps people to do their job quickly, fast and efficient. In addition, this study will target the institution to help students and the stakeholders be more participative, productive and for improvement in every activity.

Mobile technology has dramatically transformed how we live, work, and communicate. Its rapid evolution continues to introduce new possibilities, but with that growth comes both exciting advantages and notable challenges and one of those advantages is the usage of this in institutions or universities that can help not only the administrators of this but also the students under it. Mobile technology will likely continue to evolve rapidly, and how we address these challenges will play a big role in shaping the future of this field. Furthermore, many schools are using mobile applications to improve student participation and enable data-driven development. For example, according to the study of Palshkhov et.al (2024), Demonstrates that using mobile applications increases students' knowledge and skills resulting in a positive impact on their skill level and study motivation. Students in the country rely heavily on web-based tools in their academic pursuits. They also utilize the website to gain primary information about any educational institution like upcoming events and university websites serve as gateways for students to acquire all information without misinformation and with less confusion.

Since Messenger and Facebook often fall short of reliable event notifications, a special mobile app is the aim to be developed to address this issue. This proposed application will send direct alerts straight to the phone and keep a detailed event calendar so that students receive timely and regular updates. It also features a straightforward feedback system, enabling students to quickly express their opinions through essay forms and rating scales. This feedback will be the key to improving how events will be organized and enhance the overall experience for students in future upcoming events.

According to the study conducted by Ferrer & Acadera (2022) at Colegio de San Juan de Letran Calamba they established a computerized technology to improve efficiency and communication. This computerized technology gives students vital campus information and alerts parents about billing payments. The MISD greatly increases the speed and dependability of information transmission for students, parents, and designated offices, per a system survey. In the studies above, it shows how the school is slowly advancing their system through websites for efficiency and improvements.

Research implemented by (Chang, 2024) at the universities in Guangdong, China, the Construction of Entrepreneurship Coaching Index: Based on a Survey of Art Design Students in Higher Vocational Colleges was developed. This evaluation system helps coaches formulate more accurate lesson plans. This concept can help us develop a system that evaluates students' feedback, suggestions, and satisfaction.

**Purpose and Description of the Study**

The purpose of this project is to enhance the school for event notifications and evaluations, which are conducted every school year. This capstone project allows students to:

1. Receive instant notification

2. Access the school event calendar

3. Evaluate events for future improvement

The purpose of this project is to develop an event notification and built-in evaluation system. The core part of the project is to create another layer of notification application and evaluate event performances. In this system students are allowed to access the school calendar, instant event notification, and evaluate events.

**Formulating the Objectives of the Study**

The primary objectives of this project are to develop a notification and evaluation system for students of CPC, so students can monitor fixed events, and notify students of urgent announcements. In addition, CPC officer can upload their proposal events to rectors and deans.

By the end of the project, the system should:

1. Develop a user-friendly application platform.

2. Notifying students of future events

3. Built-in evaluation system

4. Students can see the event school calendar

5. Officers of CPC can upload future events

6. Deans or rector can approve or disapprove events

7. Building applications using Android Studio

8. The application language used is Kotlin

9. Data centralization using the Spring API framework

10. Collected data stored in Mongo database

**Conceptual Framework**

Input Process Output

Notify Student

Student Events

Fix Future events

List of Student name

Feedback of the

Student

**Student Event**

**Notification and**

**Evaluation System**

**(SENES)**

Rector

List of Deans

List of Staff

Fix Future Events

List of Student Names

List of Student

Contact details

This conceptual framework outline the structure and functionality of the Student Event Notification and Evaluation System, highlights how particular mobile application stands as the target solution to handle unreliable Facebook and Messenger event notification.

By maintaining complete event scheduling to deliver time-sensitive

Information to student, providing comments through both rating scale and offer uncomplicated feedback capabilities. Student feedback serves as the vital tool to enhance event planning and event quality for upcoming student events.

**References**

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