**Capstone Project 1 Title Proposal**

Thesis Title:

**“Proposed Student Attendance Monitoring System for Sta. Lucia National High School”**

Date of Presentation:

**July 04, 2018**

Proponents:

1. **Arevalo, Kesie P.**
2. **Cabisan, Maricel M.**
3. **Marquez, Clarissa Marie S.**
4. **Obligar, Rangem Renz U.**
5. **Pacia, Raquel F.**
6. **Panizares, Lester D.**
7. **Tan, Bob Bryan S.**

Project Context:

**Attendance is very important in every student, a single absent is a big difference in performance in the school. Mostly students of high school are prone to absences, it is a because of some reasons that they think it is a boring class, some student prefer going to computer shops playing games rather than entering the class and some students cannot refuse the influence of a friend inviting to go with them during class period. Some of the reasons are not reported to the parents or guardians because of the way informing them is the traditional way which is inviting the parents through telling the students that the parent need to come to school and communicate with the teacher.**

**In this matter the proponents proposed the Student Attendance Monitoring System with short message service (SMS). The design of the system consists of two platforms. The first one is the stand alone or window-based system the function is the record attendance if the student is absent it is recorded to the stand alone or window-based system it will open a form that contains the SMS application that function is to send notification to parent if the student is absent. The second platform is parent portal or web-based system to duplicate the recorded attendance of the stand alone or web-based system. The two platform record the attendance simultaneously this will allow the registered parent to view the attendance of their own child.**

Conceptual Framework

|  |
| --- |
| **PROCESS** |
| **System Development Life Cycle**  **Iterative Model**   * Planning of process * Defining * Designing * Implementation of System * Verification * Evaluation of System   Deployment of System |

|  |
| --- |
| **OUTPUT** |
| Student Attendance Monitoring System using student’s ID. |

|  |
| --- |
| **INPUT** |
| **Hard ware Requirements**   * System unit * Scanner * Id with qr Code   **Software Requirements**   * XAMMP * Operating System * Web browser   **Knowledge Requirement**   * Data base Management System * List of SDO-Malabon Officers and Teachers |

**EVALUATION**

The above figure shows the IPO of the Students Attendance Monitoring System for. It requires a System Unit and a QR Code scanner to run this system and this system is build designed to monitor every student entering and leaving.

Scopes and Limitations of the Study.

**The proposed system will manage the process of attendance that will be saved in a specific database. It will also let the user search and calculate daily attendance by month. Once the student place His/her new ID QR code on the scanner, it will directly save in the database and generate message that will be sent to their parents it contains the time when their child arrive in their school. When the system detects an empty attendance the system will automatically generate a message to the hand phone via SMS. This system will use QR Code to monitor the attendance of students.**

**The system only covers the monitoring of attendance of the students. This is not capable of monitoring the attendance regarding their class schedule and the attendance of faculties of school. The system only allows the administrator to reset the password of other user if they are being blocked due to incorrect QR code input. The system does not allow the student to view their attendance record online**

**Approved By:**

|  |  |
| --- | --- |
| **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Panel Chairman** | |
| **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Panel Member** | **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Panel Member** |
|  |  |

**Noted By:**

**Prof. Ezekiel R. Borja**

Capstone Project Professor