



COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

**ATTENDANCE MONITORING SYSTEM USING
RFID FOR PRMSU-CASTILLEJOS**

**A Thesis
Presented to the Faculty of the
College of Communication and Information Technology
President Ramon Magsaysay State University
Castillejos, Zambales**

**In Partial Fulfillment of the Requirements for the Degree
Bachelor of Science in Computer Science**

By:

**DEANNE M. DEGRACIA
LOREN ANGELA Q. GONZALES
AUSTIN LINDELL A. ILDEFONSO
MA. MICKAELA MAE C. SARGAN**

May 2019



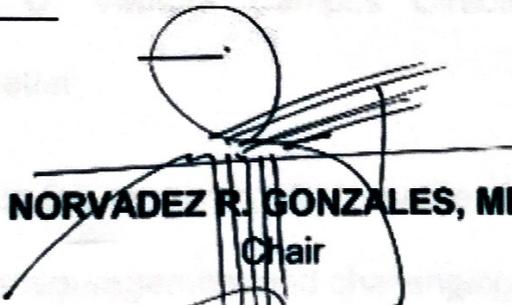
CERTIFICATION

This thesis entitled "**Attendance Monitoring System Using RFID for Prmsu-Castillejos**", prepared and submitted by **Austin Lindell A. Ildfonso, Loren Angela Q. Gonzales, Deanne M. Degracia, and Ma. Mickaela Mae C. Sargan** in partial fulfillment of the requirements for the degree **Bachelor of Science in Computer Science** has been examined and recommended for Oral Examination.


MARIE CELIA R. AGLIBOT
Adviser

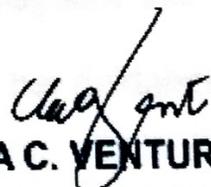
APPROVAL

Approved by the **PANEL OF EXAMINERS** on Oral Examination on April 16, 2019 with the grade of _____


NORVADEZ R. GONZALES, MBA
Chair


ROBERTO L. PASCUA, JR.
Member

Accepted as partial fulfillment of the requirements for the degree **Bachelor of Science in Computer Science**.


EMMA C. VENTURA, Ed. D.
Campus Director



ABSTRACT

The study aimed to develop the attendance monitoring of PRMSU Castillejos Campus and to make the data gathered unchangeable with the use of radio frequency that collects electronic data. There were 50 students, 5 parents, and 5 IT experts respondents on the study during the period of August 2018-April 2019. The study made use of non-probability type of research using convenience sampling technique.

The results showed that the respondents strongly agreed to the effectiveness of the system based on the following criteria, functionality, reliability, usability, maintainability, efficiency, and portability with an overall weighted mean of 4.47. The respondents also strongly agreed on the user's acceptance of the proposed system as manifested by the computed mean of 4.40. Based on the findings of the study, the researcher recommends that the future researchers will focus more on the maintainability and usability of the system based on the gathered information from expert. The future researchers must provide thorough instructions to the user of the proposed system based on user's response.

Keywords: Radio Frequency, Attendance Monitoring System, Convenience Sampling Technique, Electronic Data