



**COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY**

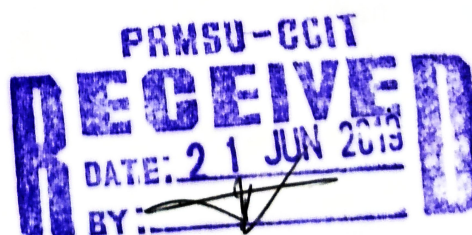
**NZC TRUANCY MONITORING SYSTEM**

A Capstone Project  
Presented to the Faculty of the  
College of Communication and Information Technology  
President Ramon Magsaysay State University  
Iba, Zambales

In Partial Fulfillment of the Requirements for the Degree  
Bachelor of Science in Information Technology

**DOLLYBELL N. ECLEVIA**  
**JECELLE ACUPAN**

May 2019





COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

**CERTIFICATION**

This capstone project entitled **"NZC TRUANCY MNITORING SYSTEM"**, prepared and submitted by **Jecelle Acupan** and **Dollybell N. Eclevia** partial fulfilment of the requirements for the degree **Bachelor of Science in Information Technology**, has been examined and recommended for Oral Examination.

  
**ISRAEL M. CABASUG, MSCS**  
Adviser

**APPROVAL SHEET**

Approved by the PANEL OF EXAMINERS on Oral Examination on

May 2019 with the grade of \_\_\_\_\_.

  
**DARIO G. ALLUSO JR.**  
Member

  
**DANIEL A. BACHILLAR, MSCS**  
Chairperson

  
**FIEL M. DULLAS JR.**  
Member

Accepted as partial fulfilment of the requirements for the degree  
**Bachelor of Science in Information Technology**

6/6/2019  
Date

  
**MENCHIE A. DELA CRUZ, Ph. D.**  
Dean



### ABSTRACT

This study dealt with the development of the attendance or the Truancy Monitoring System for the Northern Zambales College Inc. which was evaluated by the expert and their clients.

This aim to provide a system to ease the process of attendance and at the same time monitor the truant students.

Specifically, the study answered the following questions: (1)What is the level of system quality of the NZC Truancy Monitoring System as perceived by the IT experts using the ISO/IEC 25010 software quality characteristics in terms of Functional Suitability, Functional Efficiency, Compatibility, Usability, Reliability, Security, Maintainability, and Portability? (2)What is the level of acceptability of NZC Truancy Monitoring System as perceived by the target clients in terms of Accuracy, Ease of use, and Timeliness and Security? (3)What is the cost benefit analysis of the feasibility of the NZC Truancy Monitoring System?

Guided by these questions, the programmer developed the system according to the software quality from ISO/IEC 25010 and based on their clients. They held interviews, conducts surveys, used questionnaires and even consult to some IT experts in order to yield the best version of the system.

The implementation of the NZC Truancy Monitoring System would be cost beneficial to both parents and school personnel, with this system the parents will be notify once their daughter/son entered and leaved the school and the school



## COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

personnel will saved time and effort upon informing students absences to their parents and monitoring their absences.

DECLARATION PAGE	Page
CERTIFICATE AND APPROVAL SHEET	Page
ACKNOWLEDGMENT	Page
ABSTRACT	Page
TABLE OF CONTENTS	Page
LIST OF TABLES	Page
LIST OF FIGURES	Page

### Chapter 1 THE PROBLEM AND ITS BACKGROUND

Introduction	1
Background of the Study	2
Theoretical Framework	3
Conceptual Framework	4
Significance of the Study	5
Statement of the Problem	7
Null Hypotheses	8
Scope and Limitation	9
Definition of Terms	10

### Chapter 2 REVIEWS OF RELATED LITERATURES AND STUDIES

Foreign Literature	11
Local Literature	12
Foreign Studies	13
Local Studies	14