



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

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May 2019

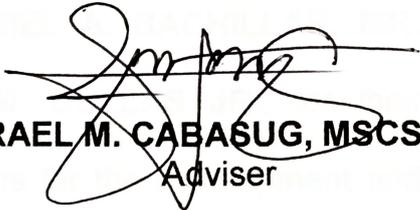




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CERTIFICATION

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.

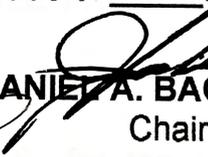

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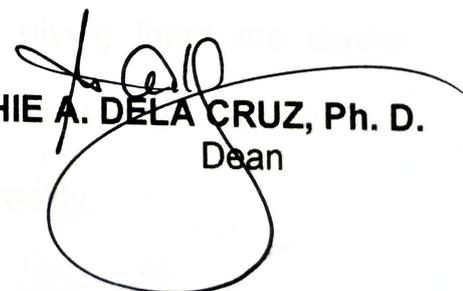

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ABSTRACT

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



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

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