

**COMPUTERIZED LIBRARY SYSTEM (CLS) FOR
THE NORTHERN ZAMBALES COLLEGE INC.
MASINLOC, ZAMBALES**

By:

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**A Thesis
Presented to
The Faculty of the College of Communication and Information
Technology**

**In Partial Fulfillment
Of the Requirements for the Degree
Bachelor of Science in Information Technology
Ramon Magsaysay Technological University
Masinloc Campus, Zambales**

Republic of the Philippines
RAMON MAGSAYSAY TECHNOLOGICAL UNIVERSITY
Masinloc, Zambales
COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY



The study here to attached entitled

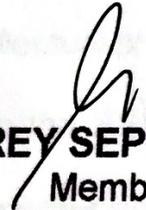
**COMPUTERIZED LIBRARY SYSTEM FOR NORTHERN ZAMBALES
COLLEGE INC.**

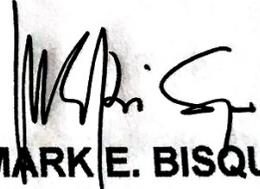
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who is hereby recommended for oral examination.

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Accepted as a requirement for the Degree
BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

APPROVED:

March 15, 2017
Oral date Presentation

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ABSTRACT

Title: **Computerized Library System (CLS) for the Northern Zambales College Inc.**

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Degree: **Bachelor of Science in Information Technology**

Institution: **Ramon Magsaysay Technological University-
Masinloc Campus**

Year: **2017**

Adviser: **Ms. Nerissa B. Liban**

The Problem:

This study aimed to develop the Computerized Library System for Northern Zambales College, Inc., Masinloc, Zambales during the school year 2016-2017. Specifically, it sought to answers the respondents' evaluation on the software quality of the Computerized Library System for Northern Zambales College, Inc., Masinloc, Zambales using the ISO/ IEC 25010 in terms of: functional sustainability, performance efficiency, compatibility, usability, reliability,

security, maintainability and portability. It assessed the the level of acceptability of the respondents Computerized Library System for Northern Zambales College, Inc.in terms of: content, accuracy, ease of use and timeliness. Lastly, the economic feasibility of the Computerized Library System for Northern Zambales College, Inc. was determined.

Research Methodology

The researchers made use of Rapid Application Development (RAD). Model RAD model is Rapid Application Development model. It is a type of incremental model. In RAD model the components or functions are developed in parallel as if they were mini projects. Descriptive methods of research was employed with the use of questionnaire. The Librarian, Library Aide, Faculty, students and visitors were the respondents of the study. Frequency, percentage and weighted mean are the statistical tools used in the data analysis.

Summary of Findings

Findings revealed that IT experts' evaluation on the software quality of the proposed Computerized Library System for Northern Zambales College, Inc., using the ISO/ IEC 25010 in terms of:

Functional Sustainability. Indicator 1, "Set of functions covers all the specified tasks and user objectives." perceived as Excellent (E) with computed weighted mean of 4.67(rank 1). Indicator 3, "Functions facilitate the accomplishment of specified tasks and objectives" perceived as Excellent (E)