COMPUTER - BASED STUDENT BODY ORGANIZATION ELECTION SYSTEM FOR RAMON MAGSAYSAY TECHNOLOGICAL UNIVERSITY

A Thesis
Presented to the
Faculty of the College of Communication and Information Technology
Ramon Magsaysay Technological University
Main Campus, Iba, Zambales

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

by
Demler M. Dalida
Henry A. Medina
Gladys R. Pampuan

March 2012

Republic of the Philippines
Ramon Magsaysay Technological University
College of Communication and Information Technology
Iba, Zambales

The study hereto attached entitled

COMPUTER-BASED STUDENT BODY ORGANIZATION ELECTION SYSTEM FOR RAMONMAGSAYSAY TECHNOLOGICAL UNIVERSITY

has been prepared and submitted by **DEMLER M. DALIDA, HENRY A. MEDINA, GLADYS R. PAMPUAN** who are hereby recommended for oral examination.

MENCHIE DELACRUZ, MSIT
Faculty Adviser

Approved by the Committee of Oral Examiners:

CARLO C. AYRAN
Member

DAIMEL D. DELOS REYES
Member

RICKY BARRERA
Member

GEOFFREY S. SEPILLO
Member

Accepted as requirement for the degree of **BACHELOR OF SCIENCE IN COMPUTER SCIENCE.**

March 2012

FRANCO D. NERO, MSIT
Dean, CCIT

ABSTRACT

This study aimed to determined the level of efficiency of the Current Manual Election System and the proposed Computer-Based Student Body Organization Election System correlate with the selected profile of the profile of the variables.

The descriptive method of the research was on in the study with the questionnaire as main instrument in gathering data. Interviews and observations were also resolved to validate findings. The respondents were (50) students of Ramon Magsaysay Technological University main campus. The statistical tools were percentage, weight mean, variance, and T-test.

Based on the finding of the study comparing to the effectiveness of the current system and proposed Computer-Based Student Body Organization Election System, the researchers found out the proposed system. The respondents' perceptions between the current and computer-based Student Body Organization Election System as measured based on the eight categories (8) specified system quality metrics as follows: (1) Security, (2) Reliability, (3) Functionality (4), Operability, (5) Performance, (6) Portability, (7) Maintainability, and (8) Traceability.

For the Current System, generally, the respondents perceived it Not Efficient with an overall mean of 1.67.

For the Computer-Based System, generally, the respondents perceived it Very Much efficient with an overall mean 4.43.