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**ONLINE MONITORING OF SCHOLARS'/GRANTEES'
ACADEMIC PERFORMANCE FOR THE RAMON
MAGSAYSAY TECHNOLOGICAL
UNIVERSITY IBA CAMPUS**

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

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

By:

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March 2016**



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CERTIFICATION

This thesis entitled **"Online Monitoring of Scholars'/Grantees' Academic Performance for the Ramon Magsaysay Technological University – Iba Campus"**, prepared and submitted by **Herminio F. Fisco Jr. and Liezel Joy A. Santorum** in partial fulfillment of the requirements for the degree **Bachelor of Science in Information Technology**, has been examined and recommended for Oral Examination.

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ABSTRACT

The main problem of this study is focused in finding an effective and efficient way in solving the problems experienced by the stakeholders in the implementation of the proposed Online Monitoring Of Scholars'/Grantees' Academic Performance for the Ramon Magsaysay Technological University Iba Campus using its current manual records management system. This study involved the system development and testing of the Online Monitoring of Scholars'/Grantees' Academic Performance as its degree of necessity for implementation in the said unit.

The study sought answers to the following questions: The profile of the respondents in terms of User Type, Gender, Course, College, Year Level, and Number of Years in Service. What is the respondents' perceptions on the level of effectiveness of the proposed system. What is respondents' perception on the degree by which they will recommend the acquisition and implementation of the proposed system. What is the cost benefit analysis of the proposed system.

The researchers employed various data gathering procedures such as series of interviews, observations, the use of questionnaires, and pure research in gathering the much needed information. Various statistical measurements were used such as the frequency and percentage distribution, and weighted mean.



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The study shows that the respondents were mostly males under the age bracket of 17-21, who took up Bachelor of Science in Industrial Technology, mostly from the College of Arts and Sciences, a second year students. The respondents' perceptions on the level of effectiveness in terms of functionality perceived as Much Effective with a weighted mean of 4.01; reliability perceived as Much Effective with a weighted mean of 4.01; usability perceived as Much Effective with a weighted mean of 4.02; efficiency perceived as Much Effective with a weighted mean of 3.93; maintainability perceived as Much Effective with a weighted mean of 3.83; portability perceived as Much Effective with a weighted mean of 4.02. Generally, the respondents perceived the proposed system as Much Effective with an overall weighted mean of 3.98. The respondents' perception on the degree of recommendation for the acquisition and implementation of the proposed system perceived as Much Recommended with a frequency of 30 or 60%. The implementation of the proposed system can save up to Php 126,312 or 78.22 % in its first year of integration.

In view of the findings, the researchers offers the following recommendations. The Online Monitoring of Scholars'/Grantees' Academic Performance for the Ramon Magsaysay Technological University – Iba Campus should implement on the Scholarship Services Office. The reports generated using the Online Monitoring of Scholars'/Grantees' Academic Performance for the Ramon Magsaysay Technological University – Iba Campus can be used evaluate the performance of scholars'/grantees' of RMTU. Stipulation of a well



COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

updated virus detector to ensure the safety and security of all files. Maintenance of the system is necessary to guarantee the smooth operation. The need to orient the entire staff and students of Ramon Magsaysay Technological University for them to be familiarize on the operation of the system. There should be a future study to be conducted and data gathering on Online Monitoring of Scholars'/Grantees' Academic Performance of Ramon Magsaysay Technological University which is deeper and wider.

LIST OF TABLES

LIST OF FIGURES

CHAPTER 1 THE PROBLEM AND BACKGROUND

Introduction

Background of the Study

Theoretical Framework

Conceptual Framework

Statement of the Problem

Objectives of the Study

Significance of the Study

Definition of Terms

CHAPTER 2 REVIEW OF RELATED LITERATURE

Foreign Literature

Local Literature

Foreign Studies

Local Studies

CHAPTER 3 RESEARCH METHODOLOGY

Research Method

Population, Sample Size and Sampling Technique

Collection of Responses

Research Instrument

Data Gathering Procedure