RAMON MAGSAYSAY TECHNOLOGICAL UNIVERSITY ONLINE STUDENT PORTAL

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

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

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COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

CERTIFICATION

This thesis entitled **"RAMON MAGSAYSAY TECHNOLOGICAL UNIVERSITY ONLINE STUDENT PORTAL"** prepared and submitted by **Michael Roi H. Cacho, Jan Amil M. Peruelo** and **Mark Kyle M. Quilala** in partial fulfilment of the requirements for the degree of **Bachelor of Science in Information Technology,** has been examined and recommended for Oral Examination.

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ABSTRACT

The study was conducted to develop Ramon Magsaysay Technological University Online Student Portal that function to the faculty members of online giving grades to student, updating news and announcements and forum that can communicate student and faculty members. This system has made the process of giving grades to student easier, less costly and more effective.

The study aimed to determine the perception of respondents on the level of effectiveness of the proposed Ramon Magsaysay Technological University Online Student Portal in terms of functional suitability, performance efficiency, compatibility, usability, reliability, security, maintainability and portability. It also aimed to determine the respondents' perception on the degree by which they will recommend the acquisition and implementation of the proposed system when grouped according to profile variables.

The descriptive research design was used in the conduct of the study through the use of questionnaires as the main instrument to gather data. The study was conducted among one hundred eighty (180) respondents of Ramon Magsaysay Technological University. The respondents were composed of university faculty members and students.

It has revealed that the typical respondents were students under the age class of 21-25 years old. The study also shows that the respondents' perception on the level of effectiveness of the proposed system in terms of functional

suitability of students which is 4.59 as Very Effective and for the faculty which is 4.70 as Very Effective; performance efficiency of students which is 4.53 as Very Effective and for the faculty which is 4.47 as Very Effective; compatibility of students which is 4.59 as Very Effective and for the faculty which is 4.62 as Very Effective; usability for students which is 4.52 as Very Effective and for the faculty which is 4.63 as Very Effective; reliability of students which is 4.45 as Very Effective and for the faculty which is 4.48; security of students which is 4.59 as Very Effective and for the faculty which is 4.57 as Very Effective; maintainability of students which is 4.40 as Very Effective and for the faculty which is 4.55 as Very Effective; and portability of students which is 4.49 as Very Effective and for the faculty which is 4.58 as Very Effective. Generally, the overall perception on the level of effectiveness is 4.55 as Very Effective. The respondents' perception on the degree by which they will recommend the acquisition and implementation of the system as Highly Recommended (HR) with a grand mean of 4.48. Moreover, the implementation of Ramon Magsaysay Technological University Online Student Portal can provide 27.11 percent of saving, equivalent to Php 67,512 in its first year of implementation.

The researchers strongly recommends maintenance and continuous development of the system should done to help it adapt to constantly changing trend of the Ramon Magsaysay Technological University, researchers recommended adding other features to the Student Portal like Account Balance monitoring and E-Library and other related features that would benefits every

students and faculty members of Ramon Magsaysay Technological University and conducts further study after the initial implementation of the Ramon Magsaysay Technological University Online Student Portal.