COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

RAMON MAGSAYSAY TECHNOLOGICAL UNIVERSITY STUDENT COURSE RECOMMENDATION AND SELECTION SYSTEM

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

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

By:

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COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

CERTIFICATION

This study entitled "**RMTU Student Course Recommendation and Selection System**", prepared and submitted by **Vinzl A. Abadam, Judy Ann A. Soriano** and **Karl Lawrence M. Chiong** 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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APPROVAL

Approved by the Panel Examiners on Oral Examination on March 13, 2018 with the grade of _____.

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ABSTRACT

The proposed RMTU Student Course Recommendation and Selection System is a computer program that recommend specific courses for the students. Prior to enrolment, most have problems in making up decision on which course they are going to take. The system provides appropriate information on the course according to their talent, credibility and knowledge. It is designed to address this issue of recommends courses and information depending upon the interest and skill of the students. It helps the students to choose what kind of course they should prefer.

The study aimed to determine of the respondents perception on the software quality of Ramon Magsaysay Technological University Student Course Recommendation and Selection System based on the following criteria of the system qualify metrics in terms of functional suitability, performance efficiency, compatibility, usability, reliability, security, maintainability and portability. The respondents' perception on the level of acceptability in terms of functionality, performance, and cost. 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 is used for the development of RMTU Student Course Recommendation and Selection System. The researcher made of questionnaire as the main instrument upon gathering of data. The study was conducted among ten (10) OSA personnel and 202 senior high school students

using Sampling Technique.

The respondents' evaluation on the Software Quality to the RMTU Student Course Recommendation and Selection System using the ISO/EIC 25010 was rated as Excellent. The respondents' evaluation on the of level of Acceptability to the RMTU Student Course Recommendation and Selection System using the ISO/EIC 25010 was rated as Highly Accepted. The respondents' evaluation on the degree by which they will recommend the implementation of Ramon Magsaysay Technological University Student Course Recommendation and Selection System using the ISO/EIC 25010 was rated as Much Recommended.

In view of the findings and conclusions, the researchers would like recommend the following. The proposed Student Course Recommendation and Selection System should immediately be implemented on RMTU, there should be a continuous development of the RMTU Student Course Recommendation and Selection System, there must be adding a proctor monitoring for security purposes, the researcher recommend to add online payment, so the students didn't need to go to school for their payment of the entrance exam, and its recommend the upgrading of database server used to improve better storage of data.