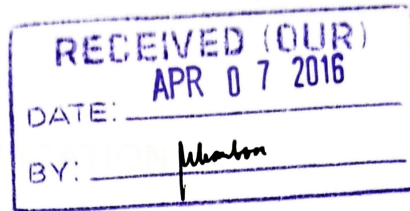




COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

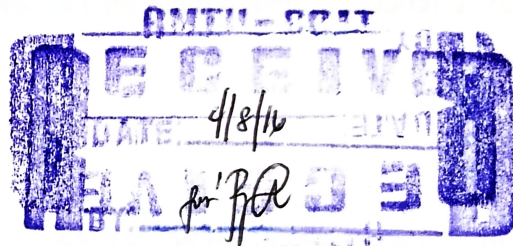


**ONLINE STUDENTS' INFORMATION SYSTEM FOR THE  
COLLEGE OF COMMUNICATION AND INFORMATION  
TECHNOLOGY USING ANDROID PHONE**

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

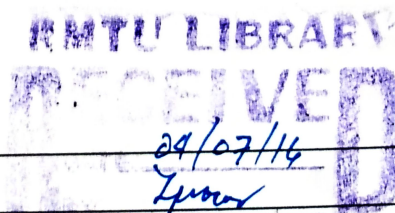
In Partial Fulfillment of the Requirements for the Degree  
Bachelor of Science in Information Technology

By



**MARJORIE M. MARIANO  
JESSA MAE M. MORALES**

March 2016



Iba, Zambales



COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY


**CERTIFICATION**

This thesis entitled "**Online Students' Information System for the College of Communication and Information Technology Using Android Phone**", prepared and submitted by **Marjorie M. Mariano and Jessa Mae M. Morales** in partial fulfillment of the requirements for the degree **Bachelor of Science in Information Technology**, has been examined and recommended for Oral Examination.

**Thesis Committee**

  
**MELOJEAN C. MARAVE, MSIT**

Adviser

  
**GEOFFREY S. SEPILLO, MIT**

Member

  
**ENGR. DIONISIO M. MARTIN JR.**

Member

  
**MR. CARLO C. AYRAN**

Member

---

**APPROVAL**

Approved by the **PANEL OF EXAMINERS** on Oral Examination on March 8, 2016 with the grade of \_\_\_\_\_.

  
**GEOFFREY S. SEPILLO, MIT**

Chair

  
**MR. CARLO C. AYRAN**

Member

  
**ENGR. DIONISIO M. MARTIN JR.**

Member

Accepted in partial fulfillment of the requirements for the degree **Bachelor of Science in Information Technology**.

  
**MENCHIE A. DELA CRUZ, MSIT**

Dean





## COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

### ABSTRACT

The Online Students' Information System for the College of Communication and Information Technology Using Android Phone is a website that based on the concept of wireless technology and provides efficient and accurate information like grades, class schedule, and calendar of activities, announcements and course curriculum. The android phone would require connecting to the database using internet.

The study aimed to determine the perception of respondents on the level of effectiveness of the proposed Online Students' Information System for the College of Communication and Information Technology Using Android Phone in terms of functionality, reliability, usability, efficiency, maintainability and portability. It is also 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 researchers made used of descriptive method in this study with the questionnaire checklist as the main tool in gathering data.

The respondents were 43 students, 2 program chairmen and 5 faculty members from the College of Communication and Information Technology - Ramon Magsaysay Technological University. Purposive sampling was used in choosing the respondents in this study.



## COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

The study shows that most of the respondents are the Information Technology students; majority of them belong to the age group of 19-20 coming from the first year. The respondents' perception on the level of effectiveness of the proposed system in terms of functionality perceived as Very Much Effective with a weighted mean of 4.3; reliability perceived as Very Much Effective with a weighted mean of 4.4; usability perceived as Very Much Effective with a weighted mean of 4.52; efficiency perceived as Very Much Effective with a weighted mean of 4.32; efficiency perceived as Very Much Effective with a weighted mean of 4.32; maintainability perceived as Very Much Effective with a weighted mean of 4.35; portability perceived as Very Much Effective with a weighted mean of 4.52. Generally, respondents perceived the system as Very Much Effective with a grand mean of 4.40. The respondents' perception on the degree by which they will recommend the acquisition and implementation of proposed system as Much Recommended with a frequency of 29 or 58%. The implementation of proposed system can save up to Php 639,812 or 94.09% in its first year of implementation.

In view of the findings and conclusions, the researchers offers the following recommendations: There should be an implementation of the proposed Online Students' Information System for the College of Communication and Information Technology Using Android Phone. The maintenance and continuous development of the system should be done to help it adapt to constantly changing trends of information technology.