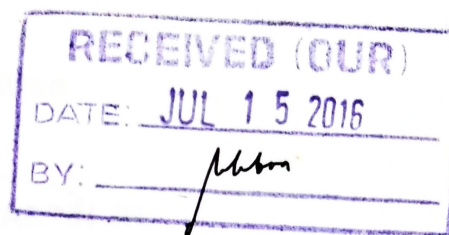




COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

**ONLINE MEDICAL AND DENTAL RECORDS MANAGEMENT  
SYSTEM FOR THE RAMON MAGSAYSAY TECHNOLOGICAL  
UNIVERSITY- IBA CAMPUS**



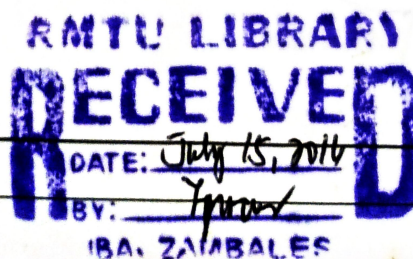
A Thesis Presented  
to the Faculty of the College of Communication and Information Technology  
Ramon Magsaysay Technological University  
Iba, Zambales

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

By:

**RONIE ANN D. LIZADA  
EMMIE ROSE F. ROMANBAN**

March 2016





COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY


## CERTIFICATION

This thesis entitled "**Online Medical and Dental Records Management System for the Ramon Magsaysay Technological University- Iba Campus**", prepared and submitted by **RONIE ANN D. LIZADA** and **EMMIE ROSE F. ROMANBAN** 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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## APPROVAL

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

  
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### ABSTRACT

The Online Medical and Dental Records Management System-Iba Campus was designed and developed for school purposes that you can log in. The proposed software covers the online application for the students and employees, fill-upping Medical and Dental forms and viewing of their Medical and Dental records. To lessen the doctor' and nurse's task and make it easy for them. It is convenient because you can easily transact online.

The study aimed to determine the perception of respondents on the level of effectiveness of the proposed Online Medical and Dental Records Management System-Iba Campus in terms of functionality, reliability, usability, efficiency, maintability 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 40 students and 10 employees from the Ramon Magsaysay Technological University-Iba Campus. Purposive sampling was used in choosing the respondents in this study.

The study shows that most of the respondents are the students/employees; majority of them belong to the age group of 17-21. The



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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 4.55; reliability perceived as Very Much Effective with a weighted mean of 4.55; usability perceived as Very Much Effective with a weighted mean of 4.44; efficiency perceived as Very Much Effective with a weighted mean of 4.41;; maintainability perceived as Very Much Effective with a weighted mean of 4.55; portability perceived as Very Much Effective with a weighted mean of 4.56. Generally, respondents perceived the system as Very Much Effective with a grand mean of 4.50. 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 26 or 52%. The implementation of proposed system can save up to Php 97, 412 or 70.50% 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 Medical and Dental Records Management System-Iba Campus. The maintenance and continuous development of the system should be done to help it adapt to constantly changing trends of information technology.