



COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

**INFORMATION MANAGEMENT SYSTEM FOR PRESIDENT RAMON
MAGSAYSAY STATE UNIVERSITY MEDICAL SERVICES**

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

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

By

**Jonneal Espinosa
Melanie Encarnacion
Rhea Kristine Fabunan**
April 2019

CCIT

PRMSU-CCIT
RECEIVED
DATE: 3/29/19
BY: [Signature]



COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

Certification

This Thesis entitle "Information Management System for President Ramon Magsaysay State University Medical Services" prepared and submitted by Jonneal D. Espinosa, Melanie M. Encarnacion. and Rhea Kristine E. Fabunan in partial fulfillment of the requirements for the degree of Bachelor of Science in Information Technology, has been examined and recommended of Oral Examination

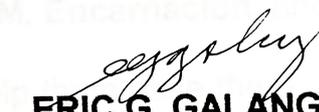

MR. DARYL JOHN C. RAGADIO
Adviser

APPROVAL SHEET

Approved by the **PANEL of EXAMINERS** on Oral Examination on April 30, 2019 with a grade of _____.

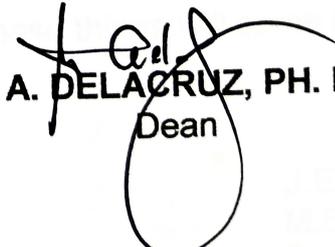

GEOFFREY S. SEPILLO, Ed. D.
Chairperson


FIEL M. DULLAS JR.
Member


ERIC G. GALANG
Member

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

5/29/2019
Date


MENCHIE A. DELACRUZ, PH. D.T.E
Dean



COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

ABSTRACT

The purpose of the study is to develop Information Management System for President Ramon Magsaysay State University Medical Services. The study used descriptive method and ISO/SEC 25010:2011 Software Quality Metrics to evaluate the system. The study found out that not only PRMSU Employee and PRMSU Students can use the system, but even the other branches of school who seek studies related to computer field. Also, the respondents assessed the proposed Information Management System for President Ramon Magsaysay State University Medical Services in terms of functional suitability, performance efficiency, compatibility, usability, reliability, security, maintainability, and portability as good. Moreover, the respondents assessed the proposed Information Management System for President Ramon Magsaysay State University Medical Services in the Level of Acceptability is Acceptable. Furthermore, the researchers found that there was no significant difference on the evaluation of the employees and students on the software quality of Information Management System for President Ramon Magsaysay State University Medical Services in terms of functionality suitability and usability wherein the significant value is greater than the t- Critical value. However, there is no significant difference on the evaluation of the faculty and students on the software quality of Information Management System for President Ramon Magsaysay State University Medical



COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

Services in terms of performance efficiency, compatibility, reliability, security, maintainability and portability wherein the significant value is less than the t-Critical value. Thus, the null hypothesis is accepted. Moreover, there was no significant difference on the level of acceptability on the assessment of the Employees and Students of Information Management System for President Ramon Magsaysay State University Medical Services in terms of functionality and performance wherein the significant value is less than the t- Critical Value. The researchers recommended that the application may be used using the handheld devices for its portability. The proposed Information Management System for President Ramon Magsaysay State University Medical Services should be implemented in the college to have an electronic application for theses and capstone projects.

PROBLEM AND ITS BACKGROUND

Introduction	1
Background of the Study	2
Statement of the Problem	3
Conceptual Framework	4
Statement of the Purpose	5
Hypothesis	6
Scope and Limitations	7
Significance of the Study	8
Definition of Terms	9

CHAPTER 2. REVIEW OF RELATED LITERATURE AND STUDIES

Foreign Literature	14
Local Literature	15
Empirical Studies	16
Local Studies	17