



**COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY**

**HEALTH CLINIC PATIENT'S E-RECORDS MANAGEMENT SYSTEM FOR  
THE MUNICIPALITY OF MASINLOC**

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

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

**By:  
Nerpio, Jah-Lee R.  
Eclarinal, Christine Joy E.  
Echon, Marl John C.  
Mercurio, Lyndon E.  
Echon, Neil Edward E.  
Bautista, Jeobeth Mae P.**

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**APPROVAL SHEET**



**Republic of the Philippines  
College of Communication and Information Technology  
President Ramon Magsaysay State University  
Masinloc, Zambales**



**COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY**

A research study presented to the faculty of the College of Communication and Information Technology in partial fulfilment of the requirement for the Degree Bachelor of Science in Information Technology:

**HEALTH CLINIC PATIENT'S E-RECORDS MANAGEMENT SYSTEM FOR THE MUNICIPALITY OF MASINLOC**

has been prepared and submitted by Jah-Lee R. Nerpio, Christine Joy E. Eclarinal, Jeobeth P. Bautista, Marl John C. Echon, Neil Edward E. Echon, Lyndon E. Mercurio. Who are hereby recommended for oral examination on April 2019

*Nerpio*  
**NERISSA L. JAVIER, MSCS**  
Adviser

Approved by the Committee of Oral Examiners:

*Menchie A. Dela Cruz*  
**MENCHIE A. DELA CRUZ, Ph. D.**  
Chairman

*Geoffrey Sepillo*  
**GEOFFREY SEPILLO, Ed. D**  
Member

*John Lenon Agatep*  
**JOHN LENON AGATEP, Ed. D.**  
Member

Accepted as requirement for the Degree of Bachelor of Science in Information Technology

*Myra Liza O. Vizcarra*  
**MYRA LIZA O. VIZCARRA, Ed. D.**  
Campus Director

*June 3, 2019*  
Date Signed



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**Abstract**

Clinic is an organization that is responsible in providing a health medication and treatment for all types of peoples. Every day, a lot of people are in need of the services provided by these health care facilities. To cater the needs of these people immediately and efficiently more health care facilities are being reliant to computer systems to assist in the diagnosis process and management, for better and improved services and practices. Hence, this study aimed the development of Health Clinic Patient's E-Record Management System for the Municipality of Masinloc. The system would enhance information integrity, reduce transcription errors by minimizing the chances of wrong documentation, reduce duplication of information entries, optimize report turnaround time reduce the chances of pilferage as related data would be readily available electronically, and maintain records of patient.

The researchers made use of descriptive research and utilized questionnaire to gather the necessary data from the respondents. The respondents' evaluated the system in terms of system quality and acceptability. Based on the summary of the investigations conducted, the researchers have concluded that The respondents' evaluation on the system quality of Health Clinic Patient's E-Record Management System is described as Excellent. The respondents' evaluation on the level of acceptability of the Health Clinic Patient's E-Record Management System is described as Very Acceptable. There is no significant difference on the level of evaluation on the system quality of the Health Clinic Patient's E-Record Management System using the system quality metrics of ISO 2500:2011.



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Based on the summary of the investigations and conclusions arrived at, the researchers have offered the following recommendations. The Masinloc Municipal Health Clinic should implement the system to support the daily clinic operation. Improve the portability characteristic of the system. The system should adopt to the multiplicity of healthcare providers and healthcare facilities. The system should be compatible with other resources especially if the time comes that there is a need to integrate the patient's data to other health care facilities to facilitate data sharing among patient's information.

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