



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**

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APPROVAL SHEET



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President Ramon Magsaysay State University
Masinloc, Zambales**



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A research study presented to the faculty of the College of Communication and Information Technology in partial fulfillment 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**

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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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