COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

RURAL HEALTH UNIT STA. CRUZ, ZAMBALES FILING SYSTEM

Mapa, Geneson M.
Monsalud, Ella A.
Monsalud, Ivan C.
Mortil, Jonh Paul N.
Navora, Richard G.
Sevilla, Virginia M.

A Thesis
In partial Fulfillment of the Requirements
for the degree of Bachelor of Science in Computer Science
College of Communication and Information Technology
President Ramon Magsaysay State University
Sta. Cruz, Zambales

June 07, 2023

Republic of the Philippines
PRESIDENT RAMON MAGSAYSAY STATE UNIVERSITY
College of Communication and Information Technology
Sta. Cruz, Zambales

APPROVAL SHEET

This, study entitled **"RURAL HEALTH UNIT STA. CRUZ, FILING SYSTEM"** prepared and submitted by **GENESON M. MAPA, RICHARD G. NAVORA, JONH PAUL N. MORTIL, VIRGINIA M. SEVILLA, ELLA A. MONSALUD** and **IVAN C. MONSALUD** in partial fulfillment of the requirements for the degree of **BACHELOR OF SCIENCE IN COMPUTER SCIENCE** are hereby recommended for oral examination.

JOHN APRIL N. MARPA, MSCS
Adviser

Approved by the Panel of the Oral Examiners on June 07, 2023 with a grade of _____.
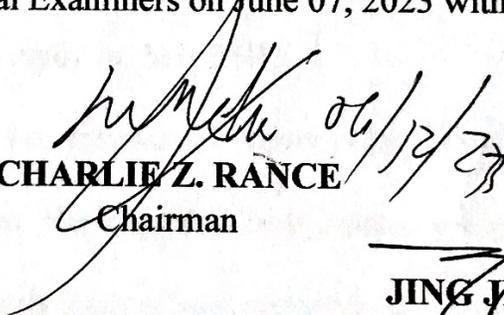
CHARLIE Z. RANCE
Chairman

ANALYN H. EDAÑOL
Member
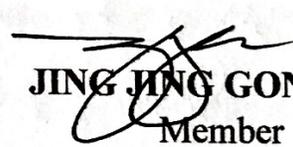
JING JING GONGORA
Member
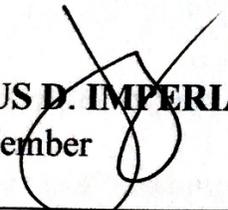
MC JULIUS D. IMPERIAL
Member

ELEMAE R. LINGA
Member

Accepted and approved in partial fulfillment of the requirements for the degree of **BACHELOR OF SCIENCE IN COMPUTER SCIENCE.**

07 - 03 - 23
Date Signed

NOEL B. MERIN
Campus Director

EXECUTIVE SUMMARY

The Rural Health Unit (RHU) filing system is an essential component of healthcare administration in rural areas. It involves the organization, storage, and retrieval of important documents and records related to patient care, medical reports, administrative paperwork, and more. An efficient filing system is crucial for ensuring the smooth functioning of the RHU, enabling healthcare professionals to access and manage information effectively.

This study made use of a descriptive method of research. The specific descriptive research technique used was a survey and analysis, to completely show an evaluation of the Rural Health Unit Filing System.

The respondents' perception towards the software quality of Rural Health Unit Filing System in terms of ISO/IEC 20501 metrics: (a) Functional suitability, obtained an average weighted mean 3.47 and interpreted as Excellent; (b) Performance Efficiency, obtained an average weighted mean 3.52 and interpreted as Excellent; (c) Compatibility, obtained an average weighted mean 3.40 and interpreted as Excellent; (d) Usability, obtained an average weighted mean 3.24 and interpreted as Good; (e) Reliability, obtained an average weighted mean 3.23 and interpreted as Good; (f) Security, obtained an average weighted mean 3.3 and interpreted as Good; (g) Maintainability, obtained an average weighted mean 3.34 and interpreted as Excellent; and (h) Portability, obtained an average weighted mean 3.53 and interpreted as Excellent. The respondents' perception towards the level of acceptability of Rural Health Unit Filing System in terms: (a) Functionality, obtained an average weighted mean 3.36 and interpreted as Highly Acceptable; and (b) Performance, obtained an average weighted mean 3.50 and interpreted as Highly

Acceptable. The respondents' perception towards the level of readiness of Rural Health Unit Filing System in terms: (a) Facility, obtained an average weighted mean 3.75 and interpreted as Very Ready; and (b) Technical Personnel, obtained an average weighted mean 3.81 and interpreted as Very Ready.

The recommendations for the Rural Health Unit filing system include designing an intuitive user interface, establishing standardized file naming and organization, ensuring data security and privacy, conducting staff training, integrating with an electronic health records system, and continuously seeking user feedback. These recommendations aim to improve usability, efficiency, data management, and overall effectiveness of the filing system. By implementing these suggestions, the Rural Health Unit can enhance its filing processes and optimize the use of technology for better patient care and administrative operations.