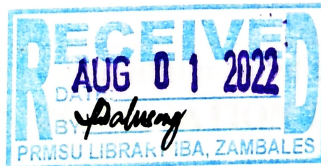




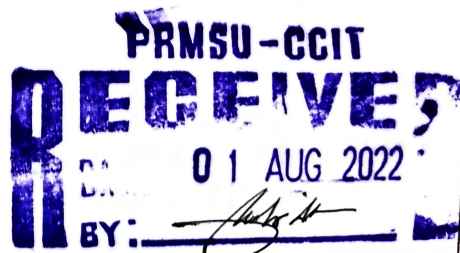
**CABANGAN HEALTH CENTER'S INNOVATIVE RESPONSE AGAINST
COVID-19**

**Castillo, Maryll Hannah D.
Dalisaymo, Jommel S.
Edquibal, Byron Paul S.
Lenaria, Edward R.
Nacin, Edriane E.**

**A Capstone Project
In Partial Fulfillment of the Requirements
for the Degree of Bachelor of Science in Information Technology
College of Communication and Information Technology
President Ramon Magsaysay State University
Iba, Zambales**



February 2022





COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY



Republic of the Philippines
President Ramon Magsaysay State University
Iba, Zambales



College of Communication and Information Technology

APPROVAL SHEET

This, study entitled “**Cabangan Health Center’s Innovative Response Against COVID-19**” prepared and submitted by **Byron Paul S. Edquibal, Edriane E. Nacin, Edward Lenaria, Jommel S. Dalisaymo and Maryll Hannah D. Castillo** in partial fulfillment of the requirements for the degree of **BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY** are hereby recommended for oral examination.

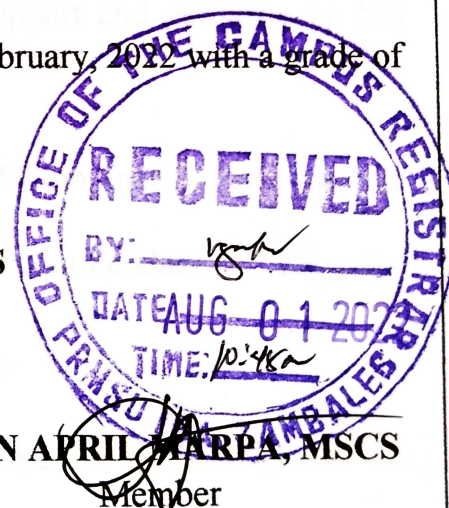

DARYL JOHN RAGADIO, MSCS
Adviser

Approved by the Panel of the Oral Examiners on February, 2022 with a grade of _____.


DANIEL BACHILLAR, MSCS
Chairman


ENGR. CARL ANGELO PAMPLONA
Member

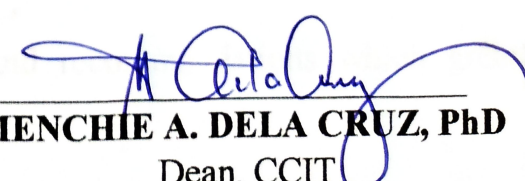

JOHN APRIL MARPA, MSCS
Member



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

01 AUG 2022

Date Signed


MENCHIE A. DELA CRUZ, PhD
Dean, CCIT



COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

EXECUTIVE SUMMARY

The COVID-19 pandemic is a global health crisis of a scale never witnessed before. Many countries around the globe have been devastated by the current situation. The increasing number of confirmed cases has triggered the government to restrict many people from leaving their houses, especially senior citizens and children. Since healthcare is one of the essential things that need to be given priority. The researchers created a web-based system that designed to facilitate health services through web-based application.

This project aims to provide the safest and most efficient way to conduct an online transaction for the health services offered by the rural health unit in Cabangan. The researchers used Rapid Application Development (RAD) to provide a base line of processes and sequences to follow while building the proposed web-based system. Interviews were used to gather data about the traditional process of consultation and questionnaire for system quality evaluation.

The RHU healthcare workers and patients evaluated the system quality of the Health Center's Innovative Response Against COVID-19 using the ISO/IEC 25010:2011 metric with a total of 80 respondents. Based on the overall results, the respondents assessed the system's quality of Cabangan Health Center's Innovative Response Against COVID-19 as "Excellent" with a mean rating of 3.65.