

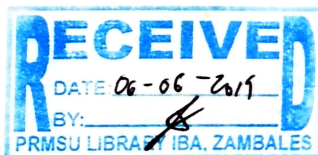


COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

**BARANGAY LIPAY-DINGIN-PANIBUATAN CHILD
VACCINE MONITORING SYSTEM**

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

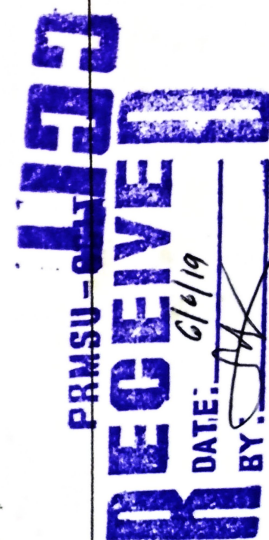
In Partial Fulfillment of the Requirements for the Degree
Bachelor of Science in Information Technology



By:

Jefferson Brocka Delos Santos
Christian Agrabio Milagrosa
Ronald Ompad Villanueva

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COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

CERTIFICATION

This thesis entitled "**BRGY. LIPAY DINGIN PANIBUATAN CHILD VACCINE MONITORING SYSTEM**", prepared and submitted by **Jefferson B. Delos Santos, Christian Milagrosa & Ronald Villanueva** in partial fulfillment of the requirements for the degrees of **Bachelor of Science in Information Technology**, has been examined and recommended for Oral Examination.


ERIC G. GALANG

Adviser

APPROVAL SHEET

Approved by the PANEL OF EXAMINERS on Oral Examination on April 3, 2019 with a grade of _____.


DANIEL A. BACHILLAR, MSCS
Chairperson


FIEL M. DULLAS JR.
Member


DARIO ALLUSO JR.
Member

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

6/6/2019
Date


MENCHIE A. DELA CRUZ, Ph.D.
Dean



ABSTRACT

The primary purpose of developing the Child Vaccine Monitoring System is to have an automated system where data are encoded, process and stored from which useful information can be generated and retrieved with ease and efficiency.

This research aimed to develop a monitoring system wherein health workers at the barangay level can encode infants' information and the schedule of immunizations, particularly vaccination, in the first 12 months of the infant's life. This monitoring system was designed to help barangay health workers in keeping records of infants' immunizations, schedule of the next vaccination and other similar health related tasks. Health workers will be provided information on who will be the recipients of immunizations in a particular day for them to efficiently provide health services to their constituents, eliminating the possibilities of negligence brought about by manual monitoring.

The system can provide a fast procedure of every records that it may handle. So the Barangay Health Workers can easily monitor, register a new record, search the child's status and history and the vaccine that the child has already taken so we can save more time and save more tress because we can save papers. The system can notify the user of the system if the child is scheduled today and in the report, it can identify if the child is not given a particular vaccine scheduled to him/her. Also the system can record not only the child's information it can also identify who is the person responsible for giving a vaccine to a child. It can produce reports so the record, history, schedule and transaction is ready for printing and other



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relate task unlike the manual procedure. Not only the barangay health worker will benefit the system for the convenience and effectivity but also the parent and the child for making them comfortable and less hassle.

APPENDICES

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CHAPTER 1 THE PROBLEM AND ITS BACKGROUND

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Statement of the Problem

Objectives

Significance of the Study

Scope and Limitations

Definition of Key Terms

CHAPTER 2 REVIEW OF RELATED LITERATURE AND STUDIES

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Local Literature

Foreign Studies

Local Studies