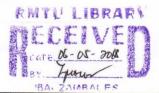# MEDICINE DESCRIPTION AND GUIDE

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

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

By

JUDITH G. MORALES
HAZEL JOYCE B. SORIANO

April 2018

COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

CERTIFICATION

This entitled "**MEDICINE DESCRIPTION AND GUIDE**", prepared and submitted by **Judith G. Morales** and **Hazel Joyce B. Soriano** in partial fulfilment of the requirements for the degree of **Bachelor of Science in Information Technology,** has been examined and recommended for Oral Examination.

DARIO G. ALLUSO JR.
Adviser

APPROVAL SHEET

Approved by the PANEL EXAMINERS on Oral Examination on March 13, 2018 with the grade of _____.

GEOFFREY S. SEPILLO, Ed. D.
CHAIRMAN

WALTER G. LARA
MEMBER

DARWIN M. MORAÑA
MEMBER

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

MENCHIE A. DELA CRUZ, Ph.D.
College Dean

_____
Date

ii

ABSTRACT

The researchers aimed to develop a Medicine Description and Guide that can help to manage the different data or information offered by the organization and disseminate information with the use of device such as smartphone.

The objectives of the research is to help the people about the basic information they need about the medicines

The study sought to answer the following questions: What are the perceptions of the respondents on the evaluation of software quality of the Medicine Description and Guide using the ISO/ IEC 25010 metrics: Functional sustainability; Performance efficiency; Compatibility; Usability; Reliability; Security; Maintainability; and Portability? 2. What are the respondents' perceptions on the Level of Acceptability in terms of the following dimensions: Functionality; Performance and Cost? 3. What are the respondents' perception on the degree by which they will recommend the acquisition and implementation of the proposed system? 4. What are the Cost Benefit Analysis of the implementation of the proposed Medicine Description and Guide?

The Medicine Description and Guide was Excellent in terms of software quality based on the perception of the respondents. The system was also accepted in terms of the level of acceptability and was ready for implementation.

The proposed system was useful to the pharmacy as well as the respondents of the province.