



**COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY**

**GENDER AND DEVELOPMENT INFORMATION 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

**AIROLG JOIE G. RENOLO  
GLADYS P. CORPUZ  
MARIBETH A. MASA**


2019



COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

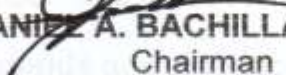
CERTIFICATION

This thesis entitled "**Gender and Development Information System**", prepared and submitted by **Airolg Joie G. Renolo, Gladys P. Corpuz and Maribeth A. Masa** in partial fulfillment of the requirements for the degree of **Bachelor of Science in Information Technology**, has been examined and recommended for Oral Examination.

  
**HANSEL S. ADA**  
Adviser

APPROVAL SHEET

Approved by the **PANEL OF EXAMINERS** on Oral Examination on May 3, 2019 with a grade of \_\_\_\_\_.

  
**DANIEL A. BACHILLAR, MSCS**  
Chairman

  
**JASON S. ARTATES**  
Member

  
**FIEL M. DULLAS JR.**  
Member

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

5/27/2019  
Date

  
**MENCHIE A. DELA CRUZ, Ph. D.T.E**  
Dean



## COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

### ABSTRACT

The Gender and Development Information System is a web-based system. It consists of GAD plan and budget, activities, accomplishment report and contacts. The system offers a much convenient way of consolidating budget from different colleges in the President Ramon Magsaysay State University.

The descriptive method of research was considered by the researchers as the most appropriate method for this study. The researchers also made of Rapid Application Development, it is a development model prioritizes rapid prototyping and quick feedback over long drawn out development and testing cycles. The respondents of the Gender and Development Information System are classified into GAD Staff and GAD Client. In order to gather the data needed, series of interviews conducted and questionnaire was used as main instrument in the evaluation of the system. Questionnaire is outline based on the ISO/IEC 25010: 2011 metrics of software quality and the evaluation on the level of acceptability.

The Gender and Development Information System was Excellent in the evaluation of GAD Staff. The Gender and Development Information System was Very Good in the evaluation of GAD Client in terms of software quality of the system. The system level of acceptability rated as Highly Acceptable in the evaluation of GAD Staff. The system level of acceptability rated as Acceptable with a computed total mean of 4.15 in the evaluation of GAD Client. There is a significant difference between the evaluation of respondents on the software quality in terms of functional suitability, performance efficiency, compatibility,



# COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

usability, reliability, security and maintainability except portability. There is a significant difference between the evaluation of respondents on the level of acceptability in terms of functionality and performance.

TITLE

APPROVAL

ACKNOWLEDGMENT

ABSTRACT

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

CHAPTER I: INTRODUCTION

- 1.1 Background of the Study
- 1.2 Statement of the Problem
- 1.3 Objectives of the Study
- 1.4 Significance of the Study
- 1.5 Scope of the Study
- 1.6 Limitations of the Study

CHAPTER II: LITERATURE REVIEW

- 2.1 Conceptual Framework
- 2.2 Theoretical Framework
- 2.3 Empirical Studies

CHAPTER III: RESEARCH METHODOLOGY

- 3.1 Research Design
- 3.2 Population and Sample
- 3.3 Data Collection Instrument
- 3.4 Data Collection Procedure
- 3.5 Data Analysis