Universiti Teknologi MARA

U-Subsidi: Web-Based Claim Services System for Skim Baja Padi Kerajaan Persekutuan

Nur Syafinaz binti Ahmad Mirza

Thesis submitted in fulfilment of the requirements
for Bachelor of Information Technology (Hons.)
Information Systems Engineering
Faculty of Computer and Mathematical Sciences

January 2020

STUDENT DECLARATION

I certify that this thesis and the project to which it refers is the product of my own work and that any idea or quotation from the work of other people, published or otherwise are fully acknowledged in accordance with the standard referring practices of the discipline.

……..
NUR SYAFINAZ BINTI AHMAD MIRZA
2017833114

JANUARY 29, 2020

ACKNOWLEDGEMENT

Alhamdulillah, praises and thanks to Allah because of His Almighty and His utmost blessings, I was able to finish this research within the time duration given. Firstly, my special thanks goes to my supervisor, Miss Siti Aisyah binti Abdul Kadir for the guidance and encouragement in finishing this thesis.

Special appreciation also goes to my beloved parents,
and for their continuous support, either morally, financially and physically.

Last but not least, I would like to give my gratitude to my dearest friends for their willingness to help me in completing this thesis.

ABSTRACT

Pertubuhan Peladang Kawasan (PPK) is an organization trusted by the government to distribute fertilizer to registered farmers. In PPK Pasir Panjang, Pusat Belian Padi (PBP) at Tali Air Sembilan was appointed to distribute fertilizer to farmers in Sekinchan area. PBP's clerk occasionally having problem in manage claiming the incentive in current system. U-Subsidi aimed to create a system that would help clerk in PBP throughout process of claiming fertilizer. This system is developed to enable clerk of PPK to handle the claiming process by keying farmer's identification card number to read farmer's information and farmer's fertilizer information with the updated inventory of the fertilizer given by government. Traditional Waterfall is the lifecycle used as the foundation to construct the application. The methodology used in U-Subsidi was separated the project into three phases; Requirement and Analysis phase, Design phase and Implementation phase. The requirement for this project was gathered based on an interview with stakeholder from PBP's clerk. Event Decomposition and CRUD technique were documented in Software Requirement Specification. In design phase, the user interfaces and database are designed. While for implementation phase, the system was developed using Java language and SQL Developer. All phases, activities and deliverables used must be in an organized manner in order to achieve objectives of the project. For the future work of this study, the system shall expand its application to claiming other resources with registration for farmers in PPK sides.

TABLE OF CONTENT

CONTENTS		PAGE
SUPERVISOR APPROVAL		**ii**
STUDENT DECLARATION		**iii**
ACKNOWLEDGEMENT		**iv**
ABSTRACT		**v**
TABLE OF CONTENT		**vi**
LIST OF FIGURES		**x**
LIST OF TABLES		**xii**
LIST OF ABBREVIATIONS		**xiii**
CHAPTER ONE: INTRODUCTION		
1.1	Background of Study	1
1.2	Problem Statement	5
1.3	Project Aim	5
1.4	Project Objectives	6
1.5	Project Scope	6
1.6	Project Significance	6
1.7	Outline of the Thesis	6
1.8	Summary	8
CHAPTER TWO: LITERATURE REVIEW		
2.1	Skim Baja Padi Kerajaan Persekutuan (SBPKP)	9
2.2	Claiming System	13
2.2.1	Rubber Production Incentive (IPG)	14
2.2.2	PERKESO Claim	15