"SISTEM HARTA MODAL" FOR JABATAN PENGAIRAN DAN SALIRAN HULU TERENGGANU

NURDHIYA HUSNA BINTI ALYAS

BACHELOR OF INFORMATION SYSTEM MANAGEMENT (HONS) FACULTY OF INFORMATION MANAGEMENT UNIVERSITI TEKNOLOGI MARA CAWANGAN KELANTAN 2013

"SISTEM HARTA MODAL" FOR JABATAN PENGAIRAN DAN SALIRAN HULU TERENGGANU

NURDHIYA HUSNA BINTI ALYAS (2010821238)

SUPERVISOR ENCIK MOHAMAD RAHIMI BIN MOHAMAD ROSMAN

REPORT SUBMITTED IN FULFILLMENT OF THE INDUSTRIAL TRAINING FACULTY OF INFORMATION SYSTEM MANAGEMENT UNIVERSITI TEKNOLOGI MARA CAWANGAN KELANTAN 2013

ABSTRACT

"Sistem Harta Modal" was develop to Jabatan Pengairan dan saliran Hulu Terengganu (JPSHT) in order manage asset management system. The objective of this system are to make the proper process for record all the asset that belongs to the JPSHT and also develop a proper record management to the organization. Other than that is to make the staff easy to locate the location of the asset of the JPSHT. The most important thing of this system is to enhance security for the asset records. The methodology used to develop this system is following the SDLC phases which are including planning, analysis, and design. During the interview that was done toward the staff at JPSHT, developer was told that the manual ways has lots of disadvantages. In order to reduce the problem of the organization, developer was come out with this system. The result of this system shown that, by using this system the problem in managing asset in the organization was reduce. Other than that, the staffs work also easier using this system. The data of the asset also more secured than using the manual way. There are lots of benefits of this system that will help the organization manage their asset and records.

Keywords: Jabatan Pengairan dan Sairan (JPS), asset management system, records management, SDLC

ACKNOWLEDGEMENT

Il praise to the Al-Mighty Allah, the most merciful for giving me the strength and patience in completing this project. There are a lot of thing that i have learn during accomplish this project. I would like to thanks to Jabatan Pengairan dan Saliran Hulu Terengganu (JPSHT), for accepted me to do Industrial Training there. And also i would like to thanks to my Supervisor, Mr. Mohamad Rahimi bin Mohamad Rosman for giving me guideliness throughout to complete this ptoject. Then, i would like to thanks to my parent and family for giving me support likes giving financial helps and advices. I also like to thanks to all my friends for supporting and sharing an information. Finally, i hope my project can fulfill the requirements of the Industrial Training task.

Thank you...

TABLE OF CONTENTS

Declaration of original work	i
Dedication	ii
Abstract	ii
Acknowledgement	iii
Table of contents	iv
List of figures	v
List of tables	vi
CHAPTER 1: INTRODUCTION	1
1.1 Overview	1
1.2 Problem statement	4
1.3 Objective	5
1.4 Project planning.	6
	7
1.5 Project requirement	12
CHAPTER 2: LITERATURE REVIEW	13
2.1 Introduction.	13
2.2 Concept of Information System	13
2.3 Concept of System Development	14
2.4 Concept of technology	16
2.5 Related system	21
2.6 Conclusion.	22
CHAPTER 3: ANALYSIS	23
3.1 Introduction	23
3.2 Asset Management System of JPSHT (Manual)	25
3.3 Proposed new system	27
CHAPTER 4: DESIGN	35
4.1 Introduction	35
4.2 Database design	35
4.3 Interface design (Input & Output)	40
CHAPTER 5: CONCLUSION AND RECOMMENDATION	45
5.1 Introduction	45
5.2 Benefit and advantages of system	46
5.3 Weakness of the system	47
5.4 Future development/suggestion	48
CHAPTER 6: REFERENCES	49