REQUIREMENT MODEL FOR CIRCULAR DOCUMENT MANAGEMENT SYSTEM (CDMS)

A dissertation submitted in partial fulfillment of the requirements for the award of the degree of Master of Science (Information Technology) in the Faculty of Information Technology, Universiti Utara Malaysia.

by

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TABLE OF CONTENTS

CERTIFICATION OF THESIS WORK
PERMISSION TO USE
ABSTRACT (BAHASA MALAYSIA) ................................................. i
ABSTRACT (ENGLISH) ................................................................. ii
ACKNOWLEDGEMENT .......................................................... iii
DEDICATION ............................................................................... iv
LIST OF TABLES ..................................................................... v
LIST OF FIGURES ................................................................... vi
LIST OF ABBREVIATIONS ....................................................... vii

CHAPTER 1: BACKGROUND OF THE STUDY

1.1 Introduction ........................................................................ 1
1.2 Overview of Institut Agama Islam Negeri Kedah (INSANIAH) ................................................................. 5
1.3 Circular Document Process in Registrars’ Office of INSANIAH ............................................................. 7
1.4 Problem Statement ................................................................ 7
1.5 Project Objectives ................................................................. 8
1.6 Project Scope .......................................................................... 9
1.7 Significance of Study ............................................................... 9
1.8 Organization of the report ........................................................ 9
1.9 Summary ............................................................................... 10

CHAPTER 2: LITERATURE REVIEW

2.1 Document Management System (DMS) .................................. 12
2.2 Different between EDMS and ERMS ......................................... 16
CHAPTER 3: RESEARCH METHODOLOGY

3.1 Introduction ......................................................... 33
3.2 Define Requirements .............................................. 35
   3.2.1 Domain Analysis ............................................. 36
   3.2.2 Interview ...................................................... 37
3.3 Analyse Requirements ............................................ 37
3.4 Validate Requiremnet Model ..................................... 38
   3.4.1 System Modeling ............................................. 39
   3.4.2 Prototyping .................................................. 39
3.5 Summary .......................................................... 40

CHAPTER 4: FINDING/RESULT

4.1 Analyse Existing Requirement Model .......................... 41
4.2 Requirement for CDMS .......................................... 45
4.3 Use Case Diagram ............................................... 49
4.4 Use Case Specification .......................................... 52
4.5 Class Diagram .................................................... 53
CHAPTER 5: CONCLUSION

5.1 Project Summary .................................................. 62
5.2 Problem and Limitation ......................................... 63
5.3 Recommendation for future project ......................... 64
5.4 Summary .......................................................... 64

REFERENCES ................................................................ 65

APPENDICES

Appendix A: Use Case Specifications ............................. 69
Appendix B: Sequence Diagrams .................................. 79
Appendix C: Collaboration Diagrams ............................. 91
Appendix D: Activity Diagrams ..................................... 98
Appendix E: Test Script ............................................... 104
Appendix F: Prototype ................................................ 113
ABSTRAK

Defining the requirements is the first step in the system design process. It is important to determine the successful or failure of the system. Requirement model is one of the techniques used to model out the requirements. This model will give a complete view of the system and represent idea without have to build an actual system. This project aims to create a requirement model for circular document management system (CDMS) using Unified Modeling Language (UML) based document and made up the necessity validity through the prototype. Suggestion of CDMS is to solve the problem occur in circular document management in organization. Three main phases were involved in this project to create the requirement model, which are define requirements, analyze requirement and validate requirement model. In addition, a set of analysis result of existing requirement models are produced. Based on the analysis done, requirement for CDMS are produced. Beside that, requirement model of CDMS, which is consists of use case diagram, use case specification, class diagram, interaction diagram, activity diagram and requirement list of CDMS also been created. This requirement model provides a guideline in developing others document management system by specifies a solution that is right for the user’s needs.
ACKNOWLEDGEMENTS

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in my study.

"Me, we laugh and cry together, just because you have me and I have
ONLY you. Only God knows how much I love you."

To my sister, Salina binti Omar,

"Sis, if we know what would happen tomorrow, maybe we can choose the
right path to continue our journey."

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"Abang, adik, all your support make me believe that I’m glad having both of
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and Zuraida Husin.

"Friends, sweet memories remain......."

Last but not least, to Mr. Md Shawal bin Abd Razak.

"Thanks for waiting and still waiting....May Allah make our way much
easier."
DEDICATION

In loving memory of a celebration for the lives of my dad:

Omar bin Hj Abdul Ghani

(January 12, 1947 until December 2, 1998)

Dad,
Your love and soul makes me still standing here
and bravely continue this journey.
<table>
<thead>
<tr>
<th>Table</th>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>TABLE 2.1</td>
<td>Different between EDMS and ERMS</td>
<td>18</td>
</tr>
<tr>
<td>TABLE 4.1</td>
<td>Analysis result of MRAD-1, ERM, MoReq and EPA’s EDRMS</td>
<td>43</td>
</tr>
<tr>
<td>TABLE 4.2</td>
<td>Access Control lists of CDMS</td>
<td>46</td>
</tr>
<tr>
<td>TABLE 4.3</td>
<td>Requirement lists of CDMS</td>
<td>59</td>
</tr>
</tbody>
</table>
## LIST OF FIGURES

<table>
<thead>
<tr>
<th>FIGURE</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIGURE 1.1</td>
<td>Architecture for Document Management</td>
<td>3</td>
</tr>
<tr>
<td>FIGURE 2.1</td>
<td>DocMan’s Distribution and Replication Service</td>
<td>14</td>
</tr>
<tr>
<td>FIGURE 3.1</td>
<td>Phases in Requirement Analysis</td>
<td>35</td>
</tr>
<tr>
<td>FIGURE 4.1</td>
<td>Workflow for Upload, Scan and Save the document</td>
<td>48</td>
</tr>
<tr>
<td>FIGURE 4.2</td>
<td>Workflow for Retrieve, View and Print the document</td>
<td>48</td>
</tr>
<tr>
<td>FIGURE 4.3</td>
<td>User Characteristic</td>
<td>50</td>
</tr>
<tr>
<td>FIGURE 4.4</td>
<td>Use Case Diagram for CDMS</td>
<td>51</td>
</tr>
<tr>
<td>FIGURE 4.5</td>
<td>Class Diagram for CDMS</td>
<td>55</td>
</tr>
<tr>
<td>Abbreviation</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>--------------</td>
<td>-------------</td>
<td></td>
</tr>
<tr>
<td>AF</td>
<td>Alternative Flow</td>
<td></td>
</tr>
<tr>
<td>ASC</td>
<td>Accredited Standard Committee</td>
<td></td>
</tr>
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<td>BF</td>
<td>Basic Flow</td>
<td></td>
</tr>
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<td>BRM</td>
<td>Business Reference Model</td>
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</tr>
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<td>CDMS</td>
<td>Circular Document Management System</td>
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<td>EDMS</td>
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<td>Exception Flow</td>
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<td>ERM</td>
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<td>EPA’s Electronic Document Record Management System</td>
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</tr>
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<td>FEA</td>
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<td>HAT</td>
<td>HOORA Analysis Tool</td>
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<td>HRDM</td>
<td>Health Domain Reference Data Model</td>
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<td>MoReq</td>
<td>Model Requirement Record Management System</td>
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<td>Model Requirement Analysis Document-1</td>
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<td>OIC</td>
<td>Office of Information Collection</td>
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<td>OMB</td>
<td>Office of Management and Budget</td>
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<td>OMT</td>
<td>Object Modeling Technique</td>
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<td>OO</td>
<td>Object Oriented</td>
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<td>OOSE</td>
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<tr>
<td>UML</td>
<td>Unified Modeling Language</td>
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<td>World Wide Web</td>
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CHAPTER ONE

BACKGROUND OF THE STUDY

This chapter presents the overview of document management, and document management systems (DMS). Problem statement, objectives, scope, and significance of study are also discussed in this chapter.

1.1 Introduction

Presently, documents like letters, memos or reports are very important in organizations (Bielawski & Boyle, 1997). It archives every activity involved in organisations. The document is a collection of information, authored for the purpose of transferring and preserving knowledge (Koulopoulos & Frappaolo, 1995). A document also known as any piece of written information in any form, produced or received by an organisation or person. It can include databases, website, email messages, word and excel files, letters, and memos. Some of these
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REFERENCES


