

**WEB BASED POSTGRADUATE THESIS/DISSERTATION SYSTEM
– A PROTOTYPE**

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WEB BASED POSTGRADUATE THESIS/DISSERTATION SYSTEM
– A PROTOTYPE

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ABSTRACT (ENGLISH)

With the advancement of information communication technology in Malaysia, education field should take advantage to upgrade their learning and management techniques. Students should be allowed to learn anytime, anywhere and at their own place. However administration and lecture should be able to manage their work more effective and flexible. The web-based system is effective way to learning and managing education works. This report outlines the development of a web-based postgraduate thesis/dissertation management system (WPTS), which aimed to assist thesis/dissertation administration, supervisor and students in the better integration during students doing the thesis/dissertation works. This prototype system base on case study with a group of MSC(IT),administration, lecturer and students who participate in thesis/dissertation management activities. This report also presenting the tests conducted with users, it also contributed some perspective regarding benefits that gain by administration, supervisor and students, and recommends future application of the approach.

ABSTRACT (BAHASA MELAYU)

Berikutan perkembangan komunikasi teknologi maklumat di Malaysia, bidang pendidikan seharusnya mengambil kesempatan untuk meningkatkan teknik pembelajaran dan mengurus dalam bidang ini. Pelajar seharusnya boleh belajar mengikut waktu dan tempat mereka suka. Selain itu, pihak pengurusan seharusnya boleh mengurus kerja mereka dengan lebih berkesan dan fleksibel. System berasaskan web merupakan cara yang berkesan dalam pembelajaran dan mengurus aktiviti dalam pendidikan . Laporan ini menerangkan pembangunan *Web Based Postgraduate Thesis Dissertation System (WPTS)* yang dijangkakan boleh membantu pihak pengurus, penyelia dan pelajar berkomunikasi semasa pelajar membuat *thesis dissertation*. Model percubaan ini dibangunkan berdasarkan kajian dengan sekumpulan MSC(IT) pengguna yang terlibat dalam aktiviti pengurusan *thesis dissertation*. Laporan ini juga melaporkan percubaan dengan pengguna, sumbangan model percubaan ini kepada pihak pengurusan, penyelia dan pelajar. Cadangan untuk mengembangan masa depan juga dibincangkan.

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Good luck and be on your way to be an astute investor!

TABLE OF CONTENT

	Page
PERMISSION TO USE	i
ABSTRACT (ENGLISH)	ii
ABSTRACT (BAHASA MELAYU)	iii
ACKNOWLEDGMENTS	iv
TABLE OF CONTENTS	v
LIST OF TABLES	xi
LIST OF FIGURES	xii
CHAPTER ONE : INTRODUCTION	
1.1 Institution Background	2
1.2 Thesis/Dissertation Management Overview	2
1.3 Problem Statement	4
1.4 Objective	6
1.5 Scope of Study	6
1.6 Significance of Study	7
1.7 Hardware and Software Requirement	7
1.7.1 Hardware Requirement	7
1.7.2 Software Requirement	8
1.8 Summary	8

CHAPTER TWO : LITERATURE REVIEW

2.1	Thesis/Dissertation Concept	10
2.2	Thesis/Dissertation Management	12
2.2.1	Thesis/Dissertation Administration	12
2.2.2	Thesis/Dissertation Supervision	12
2.3	Web Based Thesis/Dissertation Management	15
2.3.1	Web Based Application Characteristics	15
2.3.2	Database Approach	17
2.3.3	Advantages of the Web-DBMS Approach	19
2.3.4	Web Based In Education	20
2.3.4.1	Web Based E- Learning System	20
2.3.4.2	Value of Web Based in Education	22
2.3.4.3	Current Web Based Thesis Management	23
2.4	Summary	25

CHAPTER THREE : METHODOLOGY

3.1	Project Methodology	26
3.2	Database Design Methodology	32
3.3	A Framework for Web Engineering (WebE)	36
3.4	Notation Using the UML	37
3.4.1	Introduction to UML	37
3.4.2	Using UML for Object-Oriented Development	40
3.4.3	Use Case Diagrams	41
3.4.4	Sequence Diagrams	42
3.4.5	Activity Diagrams	44
3.4.6	Class Diagrams	45
3.5	Summary	47

**CHAPTER FOUR : SYSTEM ARCHITECTURE FOR WEB-BASED
THESIS/DISSERTATION SYSTEM (WPTS)**

4.1	Business Modeling	49
4.2	Requirement	53
4.2.1	System Requirement	53
4.2.1.1	Functional Requirement	53
4.2.1.2	Usability Requirement	57
4.3	System Analysis and Design	58
4.3.1	Use Case Diagram for the Thesis Management Subsystem	62
4.3.1.1	Definition of Actors for the Thesis Management Subsystem	63
4.3.1.2	Explanation of Use Case for the Thesis Management Subsystem	64
4.3.2	Use Case Diagram for the Announcement Subsystem	67
4.3.2.1	Definition of Actors for the Announcement Subsystem	68
4.3.2.1	Explanation of Use Case for the Announcement Subsystem	69
4.3.3	Use Case Diagram for the Guideline Subsystem	71
4.3.3.1	Definition of Actors for the Guideline Subsystem	72
4.3.3.2	Explanation of Use Case for the Guideline Subsystem	73
4.3.4	Use Case Diagram for the Discussion Subsystem	75
4.3.4.1	Definition of Actors for the Discussion Subsystem	76
4.3.4.2	Explanation of Use Case for the Discussion Subsystem	77

4.4	Sequence Diagram	80
4.4.1	Sequence Diagram for Project Management Subsystem	80
4.5	Activity Diagram	82
4.5.1	Activity Diagram for Project Management Subsystem	82
4.5.2	Activity Diagram for Guideline Subsystem	83
4.5.3	Activity Diagram for Discussion Subsystem	84
4.6	Class Diagram	85
4.7	Database Design	86
4.7.1	Conceptual Data Model	86
4.7.1.1	Entity Types of Thesis/Dissertation Management System	86
4.7.1.2	Relationship Types	88
4.7.1.3	Attributes	89
4.7.1.4	Determine Candidate and Primary Key Attributes	90
4.7.2	Logical Data Model	91
4.7.2.1	Derive Relations for Local Logical Data Model	92
4.7.2.2	Validate Relations against User Transactions	93
4.7.3	Physical Data Model	95
4.8	Summary	97

CHAPTER FIVE : IMPLEMENTATION

5.1	Architecture of the Web Application	98
5.2	The Prototype System Architecture	101
5.3	Modeling Extension for the Web Based Graphical User Interface Design	103

5.4	Modeling Extension for the Web Based Postgraduate Thesis/Dissertation System (WPTS)	105
5.4.1	Form Submits for Student Registration	106
5.4.2	Server Pages for Student Listing Build Client Pages	107
5.4.3	Form Submit for Personnel Registration	107
5.4.4	Server Pages for Personnel Listing Build Client Pages	108
5.5	The Application Code	108
5.6	Security	110
5.6.1	Session	111
5.6.2	Md 5	111
5.7	Summary	112

CHAPTER SIX : EVALUATION

6.1	System Requirement Testing and Results	113
6.2	Evaluation	116
6.3	Summary	116

CHAPTER SEVEN : CONCLUSION

7.1	Problem and Limitations	117
7.2	Recommendations for Future Enhancement	118
7.3	Summary	119

REFERENCES

APPENDICES

- APPENDIX A : Sample of Interview Questions
- Thesis/Dissertation Administration
 - Supervisor
 - Students
- APPENDIX B : Design Base Relation for Target DBMS
- APPENDIX C : The Transactions Analyzed
- APPENDIX D : User Manual

LIST OF TABLES

Table No.	Name of Table	Page No.
3.1	Detail Steps in Database Design	34
3.2	Several Diagrams in UML	37
4.1	Cross-Referencing Transaction and relation	96
6.1	Actual System Performance	114

LIST OF FIGURES

Figure No.	Name of Figure	Page No.
2.1	Current Workflow for Thesis/Dissertation Management System	14
3.1	System Development Activities	27
3.2	Main Phases of Database Design Methodology	33
3.3	WebE Process Model	36
3.4	Example of a Use Case Diagram	42
3.5	Example of a Sequence Diagram	43
3.6	Example of a Activity Diagram	45
3.7	Example of a Class Diagram	46
3.8	Example of a Class Diagram - Inheritance	47
4.1	Structure of Web Based System	52
4.2	Web Based Postgraduate Thesis/Dissertation System	58
4.3	Use Case Diagrams for the Thesis/Dissertation Subsystem	61
4.4	Use Case Diagrams for the Thesis Management Subsystem	62
4.5	Use Case Diagrams for the Announcement Subsystem	67
4.6	Use Case Diagrams for the Guideline Subsystem	71
4.7	Use Case Diagrams for the Discussion Subsystem	75
4.8	Sequence Diagram for Add Student Record	80
4.9	Sequence Diagram for Edit Student Record	81
4.10	Sequence Diagram for Add Thesis	81
4.11	Activity Diagram fort Add Student Record	82
4.12	Activity Diagram fort Add Guideline	83
4.13	Activity Diagram fort Add Discussion	84
4.14	Class Diagram for Postgraduate Thesis/Dissertation System	85
4.15	Logical Database Diagram of Web Based Postgraduate Thesis/Dissertation System	94

5.1	Basic Web Application Architecture	99
5.2	Architecture of Web Application	100
5.3	Conceptual System Architecture for Web Based Postgraduate Thesis/Dissertation System	103
5.4	Prototype Icons for the Class Stereotypes	105
5.5	Frameset for the Web Based Postgraduate Thesis/ Dissertation System Main Menu	106
5.6	Form Submits for Student Registration	106
5.7	Server Pages for Students Listing Build Client Pages	107
5.8	Form Submit for Personnel Registration	107
5.9	Server Pages for Personnel Listing Build Client Pages	108

CHAPTER ONE

INTRODUCTION

This project is initiated upon the request of course TZ 6996 as one of the graduation requirements of Msc (Information Technology) in Universiti Utara Malaysia. The purpose of this project is to investigate the current system, identify all the problems and requirements, and designs a better integrate system to assist administration effectively manage student thesis/dissertation activities. A prototype system named Web Based Postgraduate Thesis/Dissertation System (WPTS) has also been developed. The system will act as a reference model for the education institution to manage thesis/dissertation activities. The most popular object-oriented system development technique, Rational Unified Process (RUP) is used to analysis and designs this system. Besides that, database design methodology also use for database development.

This chapter gives an overview of the web based thesis/dissertation management application, requirements, brief explanation of thesis/dissertation management. The problem statement, objectives, project scope, hardware and software requirements of this project are also being discussed in this chapter.

The contents of
the thesis is for
internal user
only

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