

**ON-LINE DISTANCE LEARNING AT UNIVERSITI UTARA
MALAYSIA (UUM).**

A thesis submitted to the Graduate School in partial fulfillment of the
requirements for the degree Master of Science (Information Technology),

Universiti Utara Malaysia

by

Roazman Bin Samad



**Sekolah Siswazah
(Graduate School)
Universiti Utara Malaysia**

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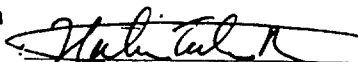
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Nama (Name) : En. Hatim bin Mohammad Tahir Tandatangan (Signature) : 

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ABSTRAK

Penyelidikan ini bertujuan untuk menggunakan sepenuhnya teknologi maklumat terkini yang terdapat di Malaysia seperti INTERNET bagi menggantikan penggunaan modul bahan bercetak yang digunakan di Universiti Utara Malaysia untuk Program Pendidikan Jarak Jauh (PJJ). Kaedah baru ini menggunakan Lotus Notes dan teknologi Lotus Domino, dapat meningkatkan ciri-ciri seperti keselamatan, papan buletin, kandungan modul dan latihan di Web. mel elektronik. dan soalan yang kerap ditanya. Kemudahan ini dapat memberi faedah kepada pelajar dan juga pensyarah universiti iaitu dalam bentuk penjimatan masa, kecekapan dan kos. Ini kerana kebanyakan pelajar dewasa bekerja sepenuh masa, dan dengan kaedah ini mereka berpeluang belajar mengikut masa dan keupayaan masing-masing.

ABSTRACT

This project is proposed to utilize the current information technology available in Malaysia i.e. the INTERNET to replace the current paper printed module materials used by Universiti Utara Malaysia for distance learning program (Pendidikan Jarak Jauh - PJJ). This new method, using Lotus Notes and Lotus Domino technology, together with enhanced features like security, bulletin-board, module content and exercises on Web, E-mails, frequent asked questions section, will benefit both students and the university in terms of time, efficiency and cost. Thus, the continuing students. usually working full-time, are able to study at their own time and pace.

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All the while, the developer knows that Lotus Notes is a very powerful software but only exposed to E-mails and databases. After doing a lot of readings and researching, the developer was amazed that Lotus Notes is capable to meet all the features required for the distance learning (Pendidikan Jarak Jauh – PJJ) program.

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TABLE OF CONTENTS

	Page
PERMISSION TO USE	i
ABSTRAK (BAHASA MALAYSIA)	ii
ABSTRACT (ENGLISH)	iii
ACKNOWLEDGEMENTS	iv
TABLE OF CONTENTS	vi
LIST OF FIGURES	ix
CHAPTER ONE : INTRODUCTION	
1.1 Background	1
1.2 Objective	5
1.3 Literature Review	5
1.4 Justification	9
CHAPTER TWO : PROJECT SYSTEM PROPOSAL	
2.1 System features	10
2.1.1 Security	10
2.1.2 Bulletin board	12
2.1.3 Module content	13
2.1.4 Questions	14
2.1.5 E-mails	14

	Page
2.1.6 Frequent Asked Questions (FAQ)	15
2.2 Benefits	16
2.2.1 Cost	16
2.2.2 Access	16
2.2.3 Easy	17
2.2.4 Time constraint	17
2.3 Timeline	18
2.4 Budget breakdown	19

CHAPTER THREE : SYSTEM METHODOLOGY

3.1 What is a system methodology	20
3.2 Purpose of a system methodology	21
3.3 Benefits of a system methodology	23
3.3.1 A better end product	23
3.3.2 Serve as a basis for communication	23
3.3.3 Standardize design practice	24
3.3.4 Produce technically efficient and maintainable design	24
3.4 Prototyping system methodology	25

CHAPTER FOUR : PROJECT DEVELOPMENT

4.1 Introduction	30
4.2 What is Lotus Notes and Domino server	31
4.3 System development	34

	Page
4.3.1 Security	37
4.3.1.1 Password	37
4.3.1.2 Access Control Lists (ACL)	40
4.3.2 Module Contents, Questions and FAQ	44
4.3.3 E-mails and Bulletin Board	48
4.3.3.1 E-mails	48
4.3.3.2 Bulletin Board (BB)	52
4.3.4 Other features	55
4.3.4.1 Editor lookup view	55
4.3.4.2 Student lookup view	58
4.3.4.3 Lecturer lookup view	59
CHAPTER FIVE : CONCLUSION	
5.1 Summary	62
5.2 Discussion	63
5.3 Recommendations	65
5.3.1 System requirements	65
5.3.2 Training requirements	67
REFEERENCES	68
APPENDIX	

LIST OF FIGURES

FIGURE	TITLE	Page
3.2	The rising cost of software development	22
4.1	The Notes client accesses Lotus Domino server	31
4.3	The database icon in the Notes workspace	35
4.4	The opened database displaying the Course Lookup view	36
4.5	The Notes 'Enter Password' dialog box	37
4.6	The 'Wrong Password' message displayed on the workspace	38
4.7	The 'Enter Password' dialog box displayed on Notes workspace	39
4.8	The 'Wrong Password' message displayed on Notes workspace	40
4.9	The ACL dialog box with Default user as No Access	43
4.10	All views available for the system	44
4.11	The Course Lookup view	45
4.12	The course information screen	46
4.13	A mail can be composed at the Course Lookup view	49
4.14	The navigation to create new memo	50
4.15	The newly created memo screen	51
4.16	The Students Marking Lookup view	53
4.17	The Student Scoreboard data entry	54
4.18	The screen to show the Editor Lookup view	56

FIGURE	TITLE	Page
4.19	The Editor Lookup maintenance table	57
4.20	The Student Lookup view	58
4.21	The Student personal information	59
4.22	The Lecturer Lookup view	60
4.23	The more detailed lecturer information	61

CHAPTER ONE

INTRODUCTION

1.1 Background

The distance learning (Pendidikan Jarak Jauh – PJJ) program plays an important role in the field of education. The establishment of distance learning is to give a second chance for working people to continue with their education. At the same time, the Malaysian government is hoping to have a knowledgeable and educated society. The traditional university education is a face-to-face method and bound to encounter with space constraint as the number of student enrollment increases. The establishment of PJJ program by local universities in Malaysia is to provide a continuing education with lower cost, study at the pace of a working continuing student and to have a knowledge society. Besides giving the continuing students a second chance to gain knowledge, PJJ will enhance the quality of work for the students. At the same time, these students are able to graduate with a university degree in hand. Students enrolled for the PJJ program are presented

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