

**Universiti Teknologi MARA**

**Lecturer Committee Management  
System (LCMS)**

**Nurul Husna Amalina Bt Nor Adzmi**

**Thesis submitted in fulfillment of the requirements  
for Bachelor of Information Technology (Hons)  
Business Computing  
Faculty of Computer and Mathematical Sciences**

**January 2016**

## ACKNOWLEDGEMENT

Alhamdulillah, Thanks to Allah SWT, whom with willing and Allah blessings, giving me the opportunities to finish this research. Firstly, I would like to express my deepest thanks to Dr. Hasiah binti Mohamed @ Omar, a lecturer at Faculty of Computer and Mathematical Science UiTM Dungun and has also assigned, as my supervisor who had guided me through this research. In addition as well as my lecturer in a class.

Special thanks to my beloved parent that support in order to complete this research. Then, thanks to all my family member that always have when needed. Thanks to all of them that always give an encouragement to me from the beginning and to the completion of this research.

Then, thanks to all my friend that help me a lot in developing LCMS. They give many support to me to complete this research. In addition a few of my friend that help me a lot in developing a system even though they also busy with theirs.

## **ABSTRACT**

Currently, there are having difficulties in assign post to lecturer. Beside, time consuming in order to trace the current post of lecturer. Then, KPP and KF did not aware regarding the post assigning to the lecturer. In addition, lecturer did not aware about assigning their post. In the Lecturer Committee Management System (LCMS), it can assign post to lecturer and to track lecturer involvement history in committee. The method use in the development of LCMS is Rapid Application Development (RAD) model. After development, the expert evaluation and user evaluation have been conducted. As for the expert there are a few question that have been asked in order to improve the usability and functionality of the LCMS. For the user, there are six construct provided in order to evaluate LCMS. The result show that respondent agree LCMS is easy to use with the highest mean is 4 (SD=0.41). Lastly, as for the future enhancement to LCMS, not only Head of Unit can assigned post to the lecturer but as well as KPP and KFF. In addition, lecturer can get the notification about post assigned via phone.

## **TABLE OF CONTENTS**

<b>CONTENTS</b>	<b>PAGE</b>
<b>SUPERVISOR'S APPROVAL</b>	<b>ii</b>
<b>STUDENT'S DECLARATION</b>	<b>iii</b>
<b>ACKNOWLEDGEMENT</b>	<b>iv</b>
<b>ABSTRACT</b>	<b>v</b>
<b>TABLE OF CONTENTS</b>	<b>vi</b>
<b>LIST OF FIGURES</b>	<b>xi</b>
<b>LIST OF TABLES</b>	<b>xiii</b>
<b>LIST OF ABBREVIATIONS</b>	<b>xv</b>
<b>CHAPTER ONE: INTRODUCTION</b>	
1.1. Introduction	1
1.2. Problem Statement	1
1.3. Project Objective	2
1.4. Project Scope	2
1.5. Project Significance	3
1.6. Project Framework	4
1.7. Project Gantt chart	5
1.8. Conclusion	8

## **CHAPTER TWO: LITERATURE REVIEW**

2.1.	Introduction	9
2.2.	Tracking	10
2.3.	Characteristic of the Previous Tracking System	11
2.4.	System Development Life Cycle (SDLC)	12
2.5.	System Development Model	14
	2.5.1. Rapid Application Development (RAD)	14
	2.5.2. Joint Application Development (JAD) Methodology	15
	2.5.3. Spiral Model	16
2.6.	Similar System	17
	2.6.1. File Tracking System	17
	2.6.2. Call Log Tracking System	18
	2.6.3. Document Tracking System	19
	2.6.4. File Tracking System	20
2.7.	Requirement	21
	2.7.1. Software Requirement	21
	2.7.2. Hardware Requirement	22
	2.7.3. User and System Requirement	22
2.8.	Implication of Literature Review to Project Development	23
2.9.	Summary	23