

**A COLLABORATIVE PROJECT MANAGEMENT AND
TRACKING SYSTEM FOR UUM BASED ON MULTI
AGENT INTERFACE**

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**UNIVERSITI UTARA MALAYSIA
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SYSTEM FOR UUM BASED ON MULTI AGENT INTERFACE**

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fulfillment of the requirement for the degree
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ABSTRACT

This project aims to build, implements, and evaluate a collaborative project management and tracking system for UUM. A multi agent interface will be used in term of facilitating and improving the data representation of student's projects that assigned for a certain lecturers. Providing a collaborative application for managing and classifying data contents are mostly an important and in particular the UUM Applied Science Division requires managing and tracking student project in more flexible and interactive way. This project will apply a modified Object-Oriented approach for software development to model and implement the propose system. The system will be tested and evaluated in term of usefulness.

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TABLE OF CONTENTS

PERMISSION TO USE	II
ABSTRACT.....	III
ACKNOWLEDGEMENT.....	IV
TABLE OF CONTENTS	V
LIST OF TABLES	VIII
LIST OF FIGURE.....	IX
LIST OF ABBREVIATIONS	X
CHAPTER ONE: INTRODUCTION	
1.Introduction.....	1
1.1 Problem Statement.....	3
1.2 Research Questions	4
1.3 Objective	4
1.4 Research Scope.....	5
1.5 Research Significant.....	6
1.6 Research Structure	7
1.7 Summary.....	8
CHAPTER TWO: LITERATURE REVIEW	
2.Introduction.....	9
2.1 Collaborative Project Management.....	11
2.2 Related Works.....	11
2.3 Summary	21
CHAPTER THREE: RESEARCH METHODOLOGY	
3.1 Requirement Definition	23
3.2 Analysis & Design	24
3.3 Development & Testing.....	25
3.4 Implementation, Deployment and Training.....	26
3.5 Documentation	27
3.6 Summary.....	27

CHAPTER FOUR: ANALYSIS AND DESIGN

4.1	LIST OF REQUIREMENTS	28
4.1.1	Functional Requirements	28
4.1.2	Non Functional Requirements	31
4.2	Use Case Diagram	33
4.3	Use Case Specification	34
4.3.1	Use case: Manage User (CPMTS-01).....	34
4.3.2	Use case: login (CPMTS-02).....	35
4.3.3	Use case: Manage Projects (CPMTS-03)	36
4.3.4	Use case: Manage Tasks (CPMTS-04)	37
4.3.5	Use case: Manage Milestones (CPMTS-05)	38
4.3.6	Use case: Manage Rules (CPMTS-06)	39
4.4	Sequence Diagram	41
4.4.1	Manage User	41
4.4.2	Login Sequence Diagram	42
4.4.3	Manage Project Sequence Diagram	43
4.4.4	Manage Task Sequence Diagram.....	44
4.4.5	Manage Milestones Sequence Diagram	45
4.4.6	Manage Rules Sequence Diagram.....	46
4.5	CPMTS User Interface Development	47
4.5.1	Login Page	47
4.5.2	Manage User Page.....	48
4.5.3	Manage Project Page.....	49
4.5.4	Manage Tasks Page	50
4.5.5	Manage Milestone Page.....	51
4.5.6	Manage Rules Page	52
4.6	Summary	52

CHAPTER FIVE: RESULT

5.1.	Evaluation Result	53
5.2.	Users Evaluation	54
5.3.	Descriptive Statistics	55

5.4 Summary	56
CHAPTER SIX: CONCLUSION	
6.1. Study Strength	57
6.2. Future Enhancement	58
REFERENCES.....	59
APPENDIX (A)	63
APPENDIX (B)	65

LIST OF TABLES

No.	Name	Page
Table 3.1:	Functional Requirements	23
Table 3.2:	Hardware and software requirements	25
Table 4.1:	The functional requirements	29
Table 4.2:	Non functional requirements	31
Table 5.1:	Users Number	54
Table 5.2:	Descriptive Statistics of the Usefulness	55

LIST OF FIGURE

No.	Name	Page
	Figure 1.1: Study Architecture based on Multi Agent Interface.....	6
	Figure 2.1: Grounded Theory Methodology	12
	Figure 2. 2: Information Flow Model in the collaborative network	14
	Figure 2. 3: KuiSci working process	15
	Figure 2. 4: Worm approach in the digital photography agency	17
	Figure 2. 5: Worm approach in the middle-class marketing agency	17
	Figure 2. 6: Proposed Participative Project Alignment Booster	18
	Figure 2. 7: Proposed management and tracking working application	19
	Figure 2. 8: The Sesame architecture	20
	Figure 3. 1: A Modified Object-Oriented approach for software Development	22
	Figure 3. 2: Management and tracking system design.....	24
	Figure 4. 1: The proposed System (CPMITS) Use Case Diagram	33
	Figure 4. 2: Manage User Sequence Diagram	41
	Figure 4. 3: Login Sequence Diagram	42
	Figure 4. 4: Manage Project Sequence Diagram.....	43
	Figure 4. 5: Manage Task Sequence Diagram	44
	Figure 4. 6: Manage Milestones Sequence Diagram	45
	Figure 4. 7: Manage Rules Sequence Diagram.....	46
	Figure 4. 8: User Login Page	47
	Figure 4. 9: Manage User Page.....	48
	Figure 4. 10: Manage Project Page	49
	Figure 4. 11: Manage Tasks Page	50
	Figure 4. 12: Manage Milestone Page	51
	Figure 4. 13: Manage Rules Page	52
	Figure 5. 1: Two Dimensional Representation of System Usefulnes	56

LIST OF ABBREVIATIONS

UUM	Universiti Utara Malaysia
MAS	Multi-Agent System
B2B	Business-To-Business
PDF	Portable Document Format
XML	Extensible Markup Language
Doc	Extension Of A File Which Was Edited In The Word Processing Program Microsoft Word
XLS	Extension For Three-Dimensional Electronic Spreadsheet Files Of The Program Excel
J2	J2 Global Communications
ALN	Asynchronous Learning Network
IDSS	Intelligent Decision Support System
KUI	Knowledge Unifying Initiator
mySQL	Multithreaded, Multi-User SQL Database Management System
SLS	Swiss Light Source
UML	Unified Modeling Language
PHP	Preprocessor Hypertext
ICT	Information And Communications Technology
CPU	Central Processing Unit
RAM	Random Access Memory
SPSS	Statistical Package for Social Sciences
CPMTS	Collaborative Project Management And Tracking System
STD	Standard Deviation
COIN	Collaborative Innovation Networks

CHAPTER ONE

INTRODUCTION

This chapter gives a background of the study and the aims of developing collaborative project management and tracking system based on multi agent interface. This chapter highlights the main issues that are facing the current existing management and tracking systems. Moreover, a research objectives, research questions, scope, and significant were discussed in order. Finally, research structure and summary of the chapter are reported.

1. Introduction

Project management applications are the flexible planning for the data contents in term of phrase which concerns on managing, organizing resources to bring about the successful completion of specific project goals and objectives. It is sometimes conflated with program management, however technically a program is actually a higher level construct: a group of related and somehow interdependent projects (John & Lock, 2000). The modern enhancements among different online application have widely grown independently for serving a certain need such as agent systems which present a sophisticated computer programs that act autonomously on behalf of their users, across open and distributed environments, to solve a growing number of complex problems (Badie & Mahmoudi, 2008;

The contents of
the thesis is for
internal user
only

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