

UUM Web-Based To Project Time Tracking System (PTTS)

Prepared by: Khaled Omran Alfartas

Universiti Utara Malaysia

2008

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UUM Web-Based To Project Time Tracking System (PTTS)

A Project paper submitted to Graduate School in partial fulfillment of the requirements
for the Master of Science (Information Communication Technology)

College of Art and Science
Univisiti Utara Malaysia

By

Khaled Omran Alfartas

November 2008



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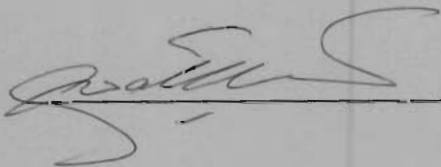
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ABSTRACT

The development of the Internet, networking and data processing technologies tighter with increasing complexity of the data and electronics design process has provided many needs and opportunities for wide area collaboration in complex system design and because development teams are not necessary centralized support of distribute teams is needed. This research has presented the development of an integrated Web-based Project Time Tracking System hoped to improving the coordination and speedup of work by supervisors and coordinators on UUM students' project. The paper also discussed the requirement model of the system as well as the development of the prototype tool incorporated as module in the web-based system for Project Time Tracking System. Finally, a usability test was conducted to approve the efficiency and applicability of the new developed web-based system. It was found that the results were satisfactory and such system is highly required by Universiti Utara Malaysia.

ACKNOWLEDGMENT

Praise and gratitude be to Allah the Almighty and the Most Powerful for offering me such a great strength, endurance, audacity, and capability to accomplish this project.

My extreme gratefulness is presented to my supportive and cooperative supervisor Suwannit Chareen Chit Sop Chit for assessing and guiding every single step in the presentation of the research. With all honesty, without him, the project would not attain its completion. He has really been an all time center of inspiration and guidance. I am truly grateful to his incessant support and cooperation, as being equipped to provide any help the best he can.

I would like to present my thanks to my father who has always been there for me, my mother and family. My demonstrative appreciations to all my friends, colleagues, all the College of Art and Business' staff, and every one who has put his hand either directly or indirectly to this project.

TABLE OF CONTENT

	PAGES
TITLE PAGE	I
CERTIFICATION OF PROJECT PAPER	II
PERMISSION TO USE	III
ABSTRACT	IV
ACKNOWLEDGEMENT	V
TABLE OF CONTENT	VI-X
LIST OF FIGURES	XI
LIST OF TABLE	XII
CHAPTER ONE: INTRODUCTION	
1.0 Introduction	1
1.1 Problems Background	1
1.2 Problem Statement	2
1.3 Research Questions	2
1.4 Research Objectives	2
1.5 Scopes and Significance of the Research	3
1.6 Report Organization	3
1.7 Summary of the Chapter	4
CHAPTER TWO: LITERATURE REVIEW	
2.0 Introduction	5
2.1 Software Project Management (SPM)	5
2.2 Project Management	7
2.2.1 Project	7
2.2.2 Project Management	7
2.2.3 Characteristics of Successful Projects	8

2.2.4	Project Plan	9
2.2.5	Managing the Time Schedule	12
2.3	Overview of a Project Time Tracking System	13
2.4	Related Works on Project Time Tracking System	15
2.4.1	Tercica Inc. Project Time Tracking System	15
2.4.1.1	Organization Background and Challenges Encountered	15
2.4.1.2	Solutions to the Issues of Project Time Tracking System	15
2.4.1.3	Benefits Provided by the Applicability of Project Time Tracking System	17
2.5	Project Request and Tracking Using SAS/IntrNet Software	18
2.5.1	The Application	18
2.6	System Requirements	22
2.6.1	Role of Web-based Project Time Tracking System (PTTS) in the Effective Management of Constructed Projects	22
2.6.2	Computer Hardware/Software requirements for the Proposed Solution	23
2.7	Requirements Model for PTTS	25
2.8	Summary	27

CHAPTER THREE: RESEARCH METHODOLOGY

3.0	Introduction	28
3.1	Research Design Methodology	28
3.1.1	Awareness of Problem	29
3.1.1.1	Review Existing Documents	31
3.1.1.2	Interview	31
3.1.1.3	Questionnaire	31
3.1.2	Suggestion	31
3.1.3	Development	32
3.1.4	Evaluation	33
3.1.5	Conclusion	34
3.2	Summary	34

CHAPTER FOUR: ANALYSIS AND DESIGN

4.0	Introduction	35
4.1	Analysis	35
4.1.1	Identification use case	37
4.1.2	Requirements model and design of the prototype	37
4.1.3	Development of prototype	37
4.2	Requirements of the prototype design	37
4.2.1	Rational Rose Case Tool	38
4.2.2	Unified Modeling Language (UML)	38
4.2.3	General Architecture Design Outlines	39
4.2.4	Unified Modeling Language (UML) for the System	39
4.3.	Sequence diagram	49
4.3.1	Sequence Diagram for the Login Process	50
4.4	Class Diagram	56
4.5	Testing Case and Guide Screen	57
4.6	Summary	62

CHAPTER FIVE: FINDINGS & DISCUSSIONS

5.0	Introduction	63
5.1	Usability Testing	63
5.1.1	Usability Testing Methods	63
5.1.2	Usability Testing Result	64
5.2	Features of The System	70
5.3	5.2 Summary	71

CHAPTER SIX: CONCLUSION

6.0	Introduction	72
6.1	Findings and Concluding Marks	72
6.2	Problems and Limitations	73
6.3	Contribution of Study	73
6.4	Future Work	74

REFERENCES

APPENDICES

Appendix A Questionnaire

Appendix B SPSS Process

Appendix C User Guide

LIST OF FIGURES

Figures	Figure Title	Pages
Figure 1	Software Project Management Framework	6
Figure 2	Internal Project Request Form (1)	19
Figure 3	Internal Project Request Form (2)	20
Figure 4	Internal Project Query Form	21
Figure 5	Research Design Methodology	29
Figure 6	Requirements Gathering Methods	30
Figure 7	The Prototyping Processes Adopted	32
Figure 8	Actors Use Case	41
Figure 9	Actor Login Use Case	42
Figure 10	Use case Diagram for Manage supervisor	43
Figure 11	Use case Diagram for Manage events	44
Figure 12	Use case Diagram for Manage student	46
Figure 13	Use case Diagram for Manage project	47
Figure 14	Use case Diagram for submit project report	48
Figure 15	Sequence Diagram for the Login Process	51
Figure 16	Sequence Diagram for the Manage Supervisor	52
Figure 17	Sequence Diagram for Submit Project Reports	53
Figure 18	Sequence Diagram for Manage Project	54
Figure 19	Sequence Diagram or Manage Student	55
Figure 20	Class Diagram	57
Figure 21	Login Page	58
Figure 22	Coordinator Page	59
Figure 23	Supervisor Page	60
Figure 24	Students Page	61

LIST OF TABLES

Tables	Figure Title	Pages
Table 1	Screen layouts were always helpful.	64
Table 2	The work related terminology is consistent.	65
Table 3	The message which appears on the screen is consistent	65
Table 4	The input form is clear	65
Table 5	The instruction for correcting errors is clear.	66
Table 6	Length of delay between operations is acceptable.	66
Table 7	The error messages prompt out on the screen is helpful.	66
Table 8	The number of steps per task is not too many or just right.	67
Table 9	Overall, I am satisfied with how easy it is to use PTTS	67
Table 10	Using the PTTS system would improve project management process performance	67
Table 11	I would find the PTTS system useful in tracking project.	68
Table 12	My interaction with the PTTS would be clear and understandable	68
Table 13	I would find the PTTS easy to use	68
Table 14	Efficiency	69
Table 15	Errors (Accuracy)	69
Table 16	Subjective Satisfaction	69
Table 17	Descriptive Statistics	70

CHAPTER ONE

INTRODUCTION

1.0 Introduction

Lecturers in Universiti Utara Malaysia (UUM) often find themselves busy with the workload that they have. Many hours were spent on handling teaching assignments as well as other responsibilities. As a result of that, they hardly find enough time to supervise their students. The conventional method practiced by UUM nowadays is that the schedule of important dates is given to supervisors and students to remind them of the datelines students have to adhere to. However, supervisors and students tend to overlook the date, hence missing the dateline.

1.1 Problems Background

The College of Arts and Sciences in UUM accepts up to 800 postgraduate students each semester. These students will undergo a three semester course, where at their final semester they are required to undertake a project paper to fulfil their graduation requirement. This project will require students and lecturers to engage themselves actively in developing a prototype that would ease the interaction among them.

The progress of the project is often charted in a schedule provided by the Post-Graduate Coordinator early in the semester. Lecturers and students will follow the datelines provided in the schedule until the completion of the project.

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6.4 Future Work

A Project Time Tracking System (PTTS) to make the project managements time more efficient and accurate and to help in solving the problems or the difficulties in the traditional system (manual system). A lot of work still needs to be done such as:

- 1- Adopt this system for tracking assets and equipments inside UUM.
- 2- Use mobile device for send data directly to the system database.
- 3- Uploads documents and materials.
- 4- Make the system more easy and friendly to use.

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