

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

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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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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.

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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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