

Universiti Teknologi MARA

MSc IT:

MSc IT Project Management System

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ABSTRACT

The project management system is a system for managing, controlling, monitoring, retrieving the final year projects and one of the features in Project Management System is Information Repository. The problem statement that have been identified are students lack of knowledge about IT Project and coordinators keep the IT Project records in manually. This project developed the MSc IT Project Management System for MSc IT Student and Coordinator to manage IT Project submission and coordination respectively. The objectives of this project are to identify the user requirement in developing the web-based MSc IT project management system for Master IT students and coordinators, to design the web-based MSc IT project management system based on user requirement and to develop web-based application MSc IT project management system using Information Architecture Methodology. Information Architecture Methodology approach is used for the development of MSc IT Project Management System which focus on four phases namely Research, Strategy, Design and Implementation. PHP and PhpMyAdmin has been used as main software to develop MSc IT project management system. The MSc IT Project Management System enable student to search and retrieve for IT Project related information, provide submission checking list as well as view and download past IT Project Abstract. In addition, system provides communication platform between coordinators and students including notification on important dates and reminders of submission. This system also enable coordinator to manage IT Project in a systematically such as adding new student data, viewing student submission as well as uploading and downloading files. Based on user testing, students have agreed that the system is useful in terms of its usability and findability. Meanwhile, coordinators have recommend for the system to be used as an IT Repository for IT Project. The future recommendation for this system is to extend the functionalities for examiners and supervisors.

Keywords: Project Management System, MSc IT, Information Repository, Information Architecture, IT Project, searching, PHP

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CHAPTER 1

INTRODUCTION

This chapter presents the overview of the project. Project background is described and followed by problem statement and objectives. Subsequently project scope and limitation of the project and the significance of the study are described.

1.1 Background of Project

MSc IT

MSc IT is a Master programme under the Pusat Pengajian Teknologi Maklumat. MSc in Information Technology (IT) is a specialization-rich program that aims to provide a transformational experience to its students, by integrating the technology and business aspects of modern IT. The MSc IT program integrates the latest developments in technical and business knowledge and skills for designing, developing, deploying and managing IT systems.

IT Project (CSP760)

One of the requirements for a student to graduate in MSc IT is to enrol for IT project. The project is a core module of the MSc IT Programme. Students are given freedom to choose their IT Project topic. Students need to conduct research based on a related area of computing. At the end of the course, students need to present their project's findings. Each IT Project students is assigned a supervisor who provided technical advice as well as project planning. Meanwhile, coordinator is appointed to guide IT Project students and manage the project report submission as well as organize oral examination (viva).