

Web-Based Course Management System

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Web-Based Course Management System

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ABSTRACT

The importance of the web-based applications is notable during the last decades especially in educational institutions. This project focuses on an existing problem being faced by the members of the school of Computing (SOC) at the Universiti Utara Malaysia (UUM). In addition, it also addresses on the difficulty of obtaining information which relates lecturers, their current registered courses, and their past semesters history. Whereby this information can only be viewed by the university members according to their authorities and needs. Hence, the clerk can efficiently make a decision on specific course which needs to be allocated to a lecturer by listing the current and past teaching history of them. Clerk can register, update courses, lecturers information, and allocate courses to lecturers. Clerk also can register, update, and search ISO documents. Program coordinator can allocate the proper course coordinator and moderator to courses. Moreover, the WBCMS has search tools where users (Clerk, Program Coordinator, Lecturers, and Students) can search by course, lecturer, session, or semester.

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CHAPTER ONE

INTRODUCTION

1.0 Introduction

The recent era witnesses a rapid development in the field of the information technology. This development has made the daily life to be dominated by the web-based technology. Web-based applications are intervening our daily life's starting from the reservation process in the hotels, doctors' appointments to the banking transactions and university transactions such as registration. Consequently, it is very important for the public and private sectors such as universities, hospitals, companies, and etc to keep up with the rapid development of the information technology in order to provide their members and customers with fast and practical services and to reduce the time consuming and the efforts which will positively affect the overall efficiency of the institution.

Web-based applications have now become favorite technologies which can be used to facilitate the process of data and records management. One of the most important motivations to use and develop the web-based applications is their high efficiency in handling rapid access of documents and their ability to support multiuser simultaneously which result in time saving and hassle free (Brumbulli, Topçiu, & Dalaçi, 2008; Othman, Ismail, & Raus, 2009; Othman, Othman, & A.Aziz, 2008).

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