DESIGN WAP-BASED CO-CURRICULUM COURSE
REGISTRATION SYSTEM FOR PUSAT KOKURIKULUM, UUM

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By
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ABSTRACT

The mobile devices & the emergence of wireless technology are rapidly increasing. This study indentified and designed a WAP-based Co-curriculum Course Registration System (WCCRS) using WAPtor, MySQL and ASP. The WCCRS is a real-time application system capable of hassle free of co-curriculum course registration system. It provides a convenient graphics user interface (GUI) for both students and Pusat Koko administrators. It allows students to make self-registration for their selected co-curriculum, view timetable. Is also allows administrator to add/delete student account, add/drop course, offer course and add course catalog. All of the services will be possible anywhere at any time.

A requirements model called—“WCCRS” was built based on the identified functionalities and further tested by potential users to evaluate acceptance of the proposed requirements model. The evaluation was performed based on questionnaire. The overall results showed that majority of respondents satisfied with WCCRS. Nevertheless, for the future enhancement, recommendations from participants have been taken into considerations.
ACKNOWLEDGEMENT

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LIST OF ABBREVIATIONS

ASP Active Server Page
CMS Course Management System
DBMS Database Management System
DCOM Distributed Component Object Model
GPS Global Positioning System
GSM Global System for Mobile Communication
HTTP HyperText Terminal Protocol
HTML HyperText Markup Language
LAN Local Area Network
LCD Liquid Crystal Display
IT Information Technology
ICT Information and Communication Technology
IIS Internet Information Service
MIME Multipurpose Internet Mail Extension
MME Microsoft Mobile Emulator
OOSAD Object-oriented System Analysis and Design
PC Personal Computer
Pusat Ko-k Pusat Kokurikulum
SDLC System Development Life Cycle
SIM Subscriber Identity Module
SMS Short Messaging Service
SQL Structured Query Language
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CHAPTER 1

INTRODUCTION

This chapter will consist of a background of the study, overview of the system, research objectives, research scope, significant and research outcome.

1.1 Background

The Co-curriculum program was introduced in 1984 when the university was still at its temporary campus in Bandar Darul Aman, Jitra. The program was initially placed under the administration of the School of Foundation Studies and now it is managed by the Co-curriculum Unit. The University's Co-curriculum Unit was established in mid 1994, when it was an independent unit which was placed directly under the supervision of the Co-curriculum Board of Directors, chaired by the Vice Chancellor himself (portal.uum.edu.my).

The credit hours awarded for student participation in Co-curriculum programs have been set at four credit hours since 1996 semester. These credit hours are to be obtained over a period of four semesters with the exception of the Reserve Officers Training Unit and University's Police Volunteer Corps activities, for which students will be awarded six credit hours to be taken within a period of six semesters. Students are given the freedom of choice where their co-curriculum program is
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