SEKOLAH MENENGAH KEBANGSAAN KERTEH PORTAL

NURBAZLINA AWALLUDIN AHMAD

UNIVERSITI TEKNIKAL MALAYSIA MELAKA

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JUDUL: SEKOLAH MENENGAH KEBANGSAAN KERTEH PORTAL

SESI PENGAJIAN: 2009/2010

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SEKOLAH MENENGAH KEBANGSAAN KERTEH

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This report is submitted in partial fulfillment of the requirements for the
Bachelor of Computer Science (Software Development)

FACULTY OF INFORMATION AND COMMUNICATION TECHNOLOGY
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2010

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DECLARATION

I hereby declare that this project report entitled

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is written by me and is my own effort and that no part has been plagiarized without citations.

STUDENT : _____ Date: _____

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DEDICATION

To my beloved parents who have been giving me moral support and motivation throughout my project until successfully.

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ABSTRAK

Projek yang dijalankan ini adalah berkenaan dengan pembangunan sistem komputer yang dibina untuk sebuah sekolah Menengah Kebangsaan Kerteh. Pembangunan sistem ini adalah bertujuan untuk melicinkan proses pengurusan sekolah dan mengatasi masalah-masalah yang dihadapi pihak pengurusan sekolah dalam menguruskan maklumat pelajar. Pada masa sekarang sekolah tersebut mempunyai satu sistem yang statik untuk menguruskan maklumat pelajar. Ini menyebabkan mereka menghadapi beberapa masalah seperti kehilangan data, tidak dapat membuat kajian tentang markah pelajar terdahulu dan juga tidak dapat menguruskan data yang banyak dalam satu masa. Sistem ini juga sebenarnya tertumpu kepada analisa data berkenaan markah pelajar. Bahasa pengaturcaraan yang digunakan dalam membangunkan projek ini ialah bahasa PHP manakala pangkalan data yang digunakan adalah MySQL. Projek ini dibangunkan dengan menggunakan kaedah "V- Model".

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ABSTRACT

This project is about developing a dynamic web base application system for a urban school which is Sekolah Menengah Kebangsaan Kerteh Terengganu. The development of this system is purposely to ease school management process and overcome problems faced by the school organization during managing their student's record. In current time, this school has a static system which doest not help them in managing their student current information. This will cause several problems such as loss of data, data can not be analyzed and unmanageable data. This system contains seven modules provided purposely to overcome the problems faced such as register student, upload and download notes, assign class for teacher, grading result. This system is developed by using PHP designer with PHP language and using MySQL as a database platform. The methodology here is V-Model.

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LIST OF ABBREVIATIONS

DDL	-	**Data Definition Language**
DFD	-	**Data Flow Diagram**
ERD	-	**Entity Relationship Diagram**
FK	-	**Foreign Key**
ICT	-	**Information Communication Technology**
OODM	-	**Object Oriented Analysis and Design**
PK	-	**Primary Key**
SMKK	-	**Sekolah Menengah Kebangsaan Kerteh**
SSADM	-	**Structured System Analysis and Design Methodology**

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CHAPTER I

INTRODUCTION

1.1 Project Background

The definition Portal basically the most beneficial access point for the user of the web as they can easily go from one page to another navigating the information of their choices. All the portals have the information stored into links to various topics such as news, business, sports, entertainment, finance, travel and much more. "Yahoo, Google, AOL are popular portals on the internet".

'The online portal technology has enabled the lot of advantages as it is faster, user friendly and easier to access various products and services. Not only this, but the enterprise portals have improved communication and response time as well. The usage of an efficient web portal can add immensely to the overall productivity of the organization. Hence, the enterprise portals are becoming very essential for organizations of all sizes.'[1]

Portals present information from diverse sources in a unified way. Aside from the search engine standard, web portals offer other services such as e-mail, news, infotainment and various other features.

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Portals provide a way for enterprises to provide a consistent look with access control and procedures for multiple applications, which otherwise would have been different entities altogether.

Knowing the benefit of portal, Sekolah Menengah Kebangsaan Kerteh also took the chance to provide a portal for their school. With the technology, the Sekolah Menengah Kebangsaan Kerteh Portal (henceforth, SMKK) are develop for student and staff of SMKK are able to get latest information about the school activities, downloading notes and managing student information. This portal also promotes school to the public, so that the user will be able to know in additional about the school.

1.2 Problem Statement

In 2005 previously SMKK has launched a web stel name http://smkkerteh.s5.com/ to display information about this school. However this is only static information without any additional resource included in this website such as uploading teacher's notes, the student of this school may ignore this website.

Furthermore, teacher may also ignore as they have no involvement with this website. Due to the problem started above, the portal of SMKK is purposed, the idea is to make the website more dynamic reliable and practical for the students and teacher of SMKK. In additional, notes from teacher inserting result of student's exam, and latest info of the school, may able be important features for this portal of SMKK with lots involvement from teacher and student, this may also give a good expectation among them and also to the public.

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1.3 Objective

Every project that wants to be developed must have objectives and a target to achieve. The purpose of this portal is to facilitate teacher and student to receive the latest information. Among main objective in the development this portal is:

i. To replace current SMKK website.
ii. To introduce a dynamic online system of SMKK to the public.
iii. To provided the faster communication approach.
iv. To save cost and time in delivering information of the SMKK portal.
v. To easy the students to get the learning materials.
vi. To communicate between parents and teacher.
vii. To keep the data of student to be more efficient and effective.
viii. To easy the administrator for updating latest news of SMKK.

1.4 Scope

Suitable with the concept of an official portal, SMKK main purpose was to disseminate or channel information to all internet surfers especially for the members of SMKK. This Portal have various information about SMKK such as background, event that happens, latest news and information about school activity, relevant information of academic, staff and others.

The system is developed based on the target user on the target user, administrator, teacher, parent, and student in SMKK. The end users for this system are the admin, class teacher for each class, students and lastly parent. The administrator will handle full of the system.

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1.5 Project Significance

The main use of this portal is to provide information about this school to all internet surfers who surf this site, especially to all SMKK member themselves. In this portal, there was various kind of information such as latest news, vision and mission, information about SMKK. All this information delivered through all the menus in the portal and each menu have a link to page that contains related or required information. It has a monolingual database to place data that are non-permanent and may be updated any time and where also.

1. Administrator

The administrator can easy manage the content in this portal like news and announcement. The administrator controls fully this portal such as delete, update, add, and the content of this portal.

2. Student

The student can get more information about school, news, announcements, and download the notes

3. Teacher

The teacher can keep the all information about student.

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1.6 Expected Output

SMKK will display the information about school, users can get know the latest activity or event at the portal. This portal will provide information to all student in the SMKK. The student can get download the notes when the administrator upload the notes at the portal.

The online system is more dynamic compare to the previous website. Previous portals of SMKK only show static information without up to date information. this makes the target users uninterested to used the portals. Students usually unable to find information that they needed in the previous portals and teachers unable to interact with students and get new learning materials. However, with the introduction of the new SMKK portals, students and teachers able to fully utilise the system and made learning process much more convenience and interesting. In fact , parents also able to play their roles in their children learning process and monitor the progress much more faster.

The new SMKK portals allow student to retrieve all the notes of all subject via internet. Nowadays, most house is provided with internet connection and it helps a lot in term of learning process. Student able to retrive all information , notes or knowledge whether for study or doing homework just with one click. They also will be update with latest info regarding school activities through SMKK portals.

Other benefit of this new SMKK portals is it making parent more involves in their children learning progress. Event when parents are busy and no time to go to school and communicates with teachers regarding their children performance, they still able to communicate with teacher easily in the portals and ask for thier children progress. In fact, they can monitor the performance of their children more often than before by just login to the portals.

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