eSIMS
WEB BASED
SCHOOL INFORMATION MANAGEMENT SYSTEM

A thesis submitted to the Graduate School in partial fulfillment to the requirement for the degree
Master of Science (Information Technology),
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by

Shahida binti Ibrahim

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ABSTRACT (BAHASA MALAYSIA)

ABSTRACT

Every aspect of management relies on information to succeed. According to Adekeye (1997) information has become a critical resource to the organizations and individuals and should be properly managed to ensure its cost effective use. Best (1988) stated that to improve the performance of the organization, information management must be economic, efficient and effective. Information systems and organization have been highly interconnected with each other. Adekeye (1997) and Rob and Coronel (2000) stated that the development and used of information management systems (MIS) leads to better planning, better decision making and better results. Today, the internet is rapidly changing the way information is generated, accessed and distributed. The Web can be considered to be a very large semi-structured database that holds vast amounts of useful information. These days, good decision requires information that comes from a manageable data storage. The Internet has transformed database management system and put them in move towards Web enabled database application. Many organizations are now taking full advantage of the web in becoming web centric organization. In fact, many database professionals believe that web database as a significant element in information system development. Hence, this study discusses the database system development and framework in developing a school information management system prototype, using Apache, MySQL and PHP. The system development was designed using the Database Development Life Cycle (DBLC) approach. The web based School Information Management System prototype can be used as a reference in the implementation of web-based management system for the schools.
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The Most Beneficent, The Merciful

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CHAPTER 1
INTRODUCTION

1.1 Overview

The Internet is the world’s largest network consisting of a worldwide collection of networks that links together millions of businesses, government offices, educational institutions, and individuals. Moreover, each of the networks provides an abundance of resources and uses.

Although many people used the terms Internet and World Wide Web interchangeably, the World Wide Web is the most popular and powerful networked information system composed of Internet host computers that provide on-line information in a specific hypertext format. The Web can be considered to be a very large semi-structured database that holds vast amounts of useful information. According to Gibbs (1999), effective management of an organization’s human asset is increasingly recognized as critical to organizational success for continuous improvement and the management of change.

Previously, many organizations used file processing information systems, which store records in separate files. Unfortunately, file processing systems have some limitations
The contents of the thesis is for internal user only
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Stopbit - A technology news site using MySQL and PHP. Available at: http://www.stopbit.com/


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World Records - A search engine for information about music that uses MySQL and PHP. Available at: [http://www.worldrecords.com/](http://www.worldrecords.com/)