Mobile Ticket Booking System for Long Haul Bus Transport

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Mobile Ticket Booking System for Long Haul Bus Transport

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By

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ABSTRACT

Personal Digital Assistants (PDAs) and mobile phones have been increasingly getting more powerful every day. Web services in the near future will not only have to support mobile access, but also have to deal with other forms of web access, such as voice interfaces. This project performed a literature study of the involved standard documents, and explored available library resources for “Wireless Application Protocol (WAP)”. The focus is on the widespread Wireless Application Protocol standard for cell phone based internet connectivity, and explores some of the possibilities it offers. The project involves the design of an application and its prototype for electronic Mobile Ticketing and booking Systems for long haul bus transport. The processes include converting HTML documents into WML.
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CHAPTER ONE

INTRODUCTION

This chapter briefly elaborates the main idea of this work, providing answer of the question why the study was conducted and what is the main element involved in the study. The first sub-topic describes the overall idea in this study through the scenario and motivation that lead to the implementation of the whole project. This is followed by the problem statement, objectives of the study, significance of the study and scope of the study. The last sub-topic elaborates the way this project is organized.

1.1 Background

Mobile Computing is a generic term describing one's ability to use technology that is not physically connected, or in remote or mobile environments. The term is evolved in modern usage such that it requires that the mobile computing activity be connected wirelessly through the Internet or through a private network. This connection ties the mobile device to centrally located information or application software through the use of battery powered, portable, and wireless computing and communication devices. Mobile phones have been increasingly and these devices have been getting more powerful because of more benefits and less expensive than PC. Rhoton (2002), states that the basic aim of WAP is to provide users with a web like experience, but over a handheld device rather than PC, whilst accessing the content that is readily available on the Internet.
The contents of the thesis is for internal user only
• The mobile ticketing should be upgraded with some more useful and beneficial functions according to the users needs.

5.3 SYSTEM WEAKNESSES

There are some limitations or weaknesses as described below—

1) M-ticket booking system can only for those owned a Mobile phone with GPRS enable.

2) The user must subscribe a WAP or GPRS services. It is not free of charge (FOC).

3) Users need to ensure that they are located in the phone's signal coverage because WAP and GPRS services only work with the adequate coverage.

4) This project will use mobile emulator and laptop to simulate the application.

5.4 Summary

It is believed that the development of the mobile ticketing for Mara Liner is going to give a new dimension of information gathering especially in the field of Long Haul Bus Transport. Among others, it will bring the traveling sector up to another level of development with the integration of the WAP technology. It is hoped that this project will be part of a more promising growth of information technology in Malaysia.
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