DESIGN WEB-BASED TICKETING SYSTEM FOR KTMB

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DESIGN WEB-BASED TICKETING SYSTEM FOR KTMB

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By

Ahmed Mehdi Kadhum

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ABSTRACT

A combination of technical innovations, system cost reductions transport industry restricting has led to the development and diffusion of a variety of sophisticated ticketing reservation systems. These reservation systems have transformed the manner in which a destination and its travel products are packaged, marketed and eventually sold to the consumer. Presently, conventional ticketing transactions without IT supported are not cost-effective nowadays. With the evolution and emergence of Internet technology, there comes a new way of ticketing transaction—electronic ticketing.

In this study focused only to the development of a prototype for the KTMB e-ticketing reservation system comprises of a database that is built using MySQL database application software, Apache server as the web server and ASP as its application server. The methodology used is object-oriented development using the Unified Modeling Language—UA Approach. The development of KTMB prototype system applied all phases of the SDLC.
ACKNOWLEDGEMENT

Praise and gratitude to Allah, the Almighty, for bestowing me with great strength, patience, and courage in completing this project.

My gratefulness to my supportive and helpful supervisor, Mr. Osman Ghazali for assessing and guiding me in the completion of this research. With all truthfulness, without him, the project would not have been a complete one. He has always been my source of motivation and guidance. I am truly grateful for him continual support and cooperation in assisting me all the way through the semester.

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<th>Description</th>
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</thead>
<tbody>
<tr>
<td>ASP</td>
<td>Active Server Page</td>
</tr>
<tr>
<td>CA</td>
<td>Certification Authority</td>
</tr>
<tr>
<td>CGI</td>
<td>Common gateway interface</td>
</tr>
<tr>
<td>CD</td>
<td>Compact Disc</td>
</tr>
<tr>
<td>CERN</td>
<td>Conseil Européenne pour la Recherche Nucleaire</td>
</tr>
<tr>
<td>DVD</td>
<td>Digital Video Display</td>
</tr>
<tr>
<td>DBMS</td>
<td>Database Management System</td>
</tr>
<tr>
<td>DB</td>
<td>Database</td>
</tr>
<tr>
<td>ERD</td>
<td>Entity Relationship Diagram</td>
</tr>
<tr>
<td>HTTP</td>
<td>HyperText Terminal Protocol</td>
</tr>
<tr>
<td>HTML</td>
<td>HyperText Markup Language</td>
</tr>
<tr>
<td>ICT</td>
<td>Information and Communication Technology</td>
</tr>
<tr>
<td>IS</td>
<td>Information System</td>
</tr>
<tr>
<td>IT</td>
<td>Information Technology</td>
</tr>
<tr>
<td>IIS</td>
<td>Internet Information Service</td>
</tr>
<tr>
<td>NFC</td>
<td>Near Field Communication</td>
</tr>
<tr>
<td>OOSAD</td>
<td>Object-oriented System Analysis and Design</td>
</tr>
<tr>
<td>PIN</td>
<td>Personal Identification Number</td>
</tr>
<tr>
<td>RMV</td>
<td>Rhein-Main Verkehrsverbund</td>
</tr>
<tr>
<td>SQL</td>
<td>Structured Query Language</td>
</tr>
<tr>
<td>SDLC</td>
<td>System Development Life Cycle</td>
</tr>
<tr>
<td>TCP/IP</td>
<td>Transmission Control Protocol/Internet Protocol</td>
</tr>
<tr>
<td>TVM</td>
<td>Ticket Vending Machines</td>
</tr>
<tr>
<td>UUM</td>
<td>University Utara Malaysia</td>
</tr>
<tr>
<td>UML</td>
<td>Unified Modeling Language</td>
</tr>
<tr>
<td>UA</td>
<td>Unified Approach</td>
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<tr>
<td>WWW</td>
<td>World Wide Web</td>
</tr>
</tbody>
</table>
CHAPTER 1

INTRODUCTION

This chapter will give a background of the organization and further discussion about the problem statement, requirements, objectives, significant, scope and finally research outcome.

1.1 Background

Thousand of Kuala Lumpur citizens travel using public transports every day. This includes those who are using train services such as LRT, KL, Monorail, ERL and KTM Commuter. There are two types of user’s namely frequent and new users of the said services.

One of the most effective solutions for increasing business values, attracting more customers, and increasing customer satisfaction is to provide internet-based low-fare travel tickets. Surveys indicate that travel purchases and reservations are one of the largest and fastest growing segments of electronic commerce not only in the USA, but in Europe as well. One in four users is currently using the Internet to make travel plans (Bernstein & Awe, 1999).
The contents of the thesis is for internal user only
REFERENCE


Lee (2002). *Introduction to HTML Language*. Prentice Hall, USA.


http://www.w3.org/People/Berners-Lee/WorldWideWeb.html


