

A Project Document On Online Bus Ticket Booking

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Abstract

Online Bus Ticket Reservation System is a Web based application that works within a centralized network. This project presents a review on the software program “Online Bus Ticket Reservation System” as should be used in a bus transportation system, a facility which is used to reserve seats, cancellation of reservation and different types of route enquiries used on securing quick reservations. OBTRS is built for managing and computerizing the traditional database, ticket booking and tracking bus and travel made. It maintains all customer details, bus details, reservation details. In order to achieve the design, Transport Company was chosen as a case study because of its strategic importance. Structured Systems Analysis and Design Methodology was adopted.

Objectives

The main purpose of this study is to automate the manual procedures of reserving a bus ticket for any journey made through Transport Company. This system is said to be an automatic system and customers can select seats by themselves. Specifically, objectives of this project will consist of:

- i) Providing a web-based bus ticket reservation function where a customer can buy bus ticket through the online system without a need to queue up at the counter to purchase a bus ticket.
- ii) Enabling customers to check the availability and types of busses online. Customer can check the time departure for every Transport Company bus through the system.
- iii) Easing bus ticket payment by obtaining a bank pin after payments is made to the various designated banks.
- iv) Ability of customers to cancel their reservation.
- v) Admin user privileges in updating and canceling payment, route and vehicle records.

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Online Transport Booking System:

Badariah, (2007) emphasized that the Online Transport Booking System which was developed at Politeknik Kota Kuala Terengganu (PKKT) was to make sure that users could make their online booking or reservations to their desired transport companies with facilities provided by the new system. He pointed out that the methodology and technology being used in this new transport system could be applied to other areas of activities. The user who wants to use the transport must make an application to book the transport before boarding.

Similarly, after considering the type of system which Badariah adopted, this project will be designed with the same aim of presenting the customers of Imo Transport Company with the opportunity of making reservations at the comfort of their homes or offices without being faced with the challenges of queuing at counters before embarking on any journey. This project will also enlighten prospective customers and users of the system on the need to patronize the system as it displays more advantages over the old system by providing an easy to use Graphic User interface (GUI) interaction, checking availability of routes before boarding etc.

System Requirements:

1. Hardware

Specification Server:

Processor

7th generation i5 RAM

128MB (min)

Hard disk

20GB Client: Processor

7th generation i5 Ram

128MB (min)

Hard disk

20GB

Software Specification Platform:

Windows 8,10 and Linux.

Front end

Html, Css.

Text Editor:Visual

Studio Code

Browser: Google Chrome,Mozilla Firefox, Internet Explorer.

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




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Introduction bus ticket booking :

This Software project is aimed at automation of Online Ticket booking. Objective of the project is to develop customize software package for Ticket booking. In our daily life we have to book ticket for Bus, movies, Flight and cricket match or foot boll match. When we do this task manually then it becomes very hard to manage the ticket booking. So are developing this system to manage booking of ticket automatically. In this project we develop the system that can help the user to book their ticket online. In this project we take care of every service related to travelling and online ticket booking. When you start your traveling tour you have to book ticket so we help you from the starting point to the end. we help you in booking your traveling ticket. bus ticket booking system in php then when you reached your destination we help you in booking hotels or booking cars. you can also book your movies ticket from this project system.

Home page of Online Bus ticket booking :

Home page has the functionality of selecting journey date, journey root and destination place. we can also select payment type and book our ticket. we can also select bus for our journey form home page. we can also check fare and bus ticket booking cancellation from home page. We can also hire bus for our journey or we can also book bus for airport. So using the home page we can select bus, we can select root and we can select departure place and destination place. After selection the bus and selecting journey root we can make payment of our ticket. When payment is successful an sms is send to given mobile number for confirmation of the ticket booking confirmation. or user can print the ticket from home page.

-  Ticket Detail Functions
-  Issuing a New Ticket
-  Modification to Ticket assigned
-  Log-in and Log-out Detail Functions.
-  Creating the reports etc.

System:

Local Ticket Booking:

In this field of booking the agency provides the services available with its agency local to its area. Non local Ticket Booking:

In this field the agency provides the services available with non-local agency. But service to the customer it provided by non-local providers of the same agency.

Shared Booking:

In this field the agency can book the tickets for the customers with the services provided by other travel agencies. In this case customer handling is taken care by the other agency.

While booking the bus you have to give your mobile number and name and email address and number of ticket you want. You can also give date of journey and return date of journey. While you fill up all the mandatory fields you have to click on submit button. If the ticket is available then you can select the seat in bus. After that you have to give payment

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of the ticket. When you pay the money for the ticket then you get the confirmation message that your ticket is booked. You get a Receipt of it.