



BUSY BUS

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INTRODUCTION

What is ASP.NET?

A web development platform called ASP.NET offers a programming model, a thorough software infrastructure, and a variety of services needed to create reliable web apps for PCs and mobile devices. It provides a common platform to execute and run the applications that are developed in various programming languages. It is based on the Common Language Runtime (CLR) and enables developers to create code in any.NET language that is supported. The ASP.NET application codes can also be written in different languages such as C#, Visual Basic.

FEATURES OF ASP.NET



SERVER
CONTROLS



MASTER PAGES



VALIDATIONS



CLIENT SCRIPTS



PROJECT UNDERTAKEN

Name of the Project: Busy Bus- A Bus Management System

Aim of the Project: The aim of the project is to develop a asp.net application for bus management system using different asp.net tools which help us book the bus tickets and manage the different buses, Managing the routes for the buses etc.



Objectives of the Project

- ❑ **Efficient management of bus schedules:** The system should be able to manage bus schedules in a way that ensures that buses operate on time and are able to cover their designated routes.
- ❑ **Streamlined ticket booking process:** The system should provide an easy and user-friendly way for passengers to book tickets, choose their preferred seats, and make payments securely
- ❑ **User-friendly interface:** The system should have an easy-to-use interface that is accessible to passengers and operators of all levels of technical expertise.



DIFFERENT FEATURES OF THE PROJECT

- ❑ **User Management**: This project or system allows users to create an account in Bus Management System. After creating the account users can also login into the website and access all kinds of features that are available. Users can select what kind of buses they need and can also select boarding and destination locations.
- ❑ **Admin Management**: There is a separate module named Admin module. This feature allows the admin to add or change boarding and destination details, Multiple buses can be added, cost per tickets can be added, Timings of the buses can be changed or added, all the bookings and passenger details are collected and can be made a list in admin portal.



DIFFERENT FEATURES OF THE PROJECT

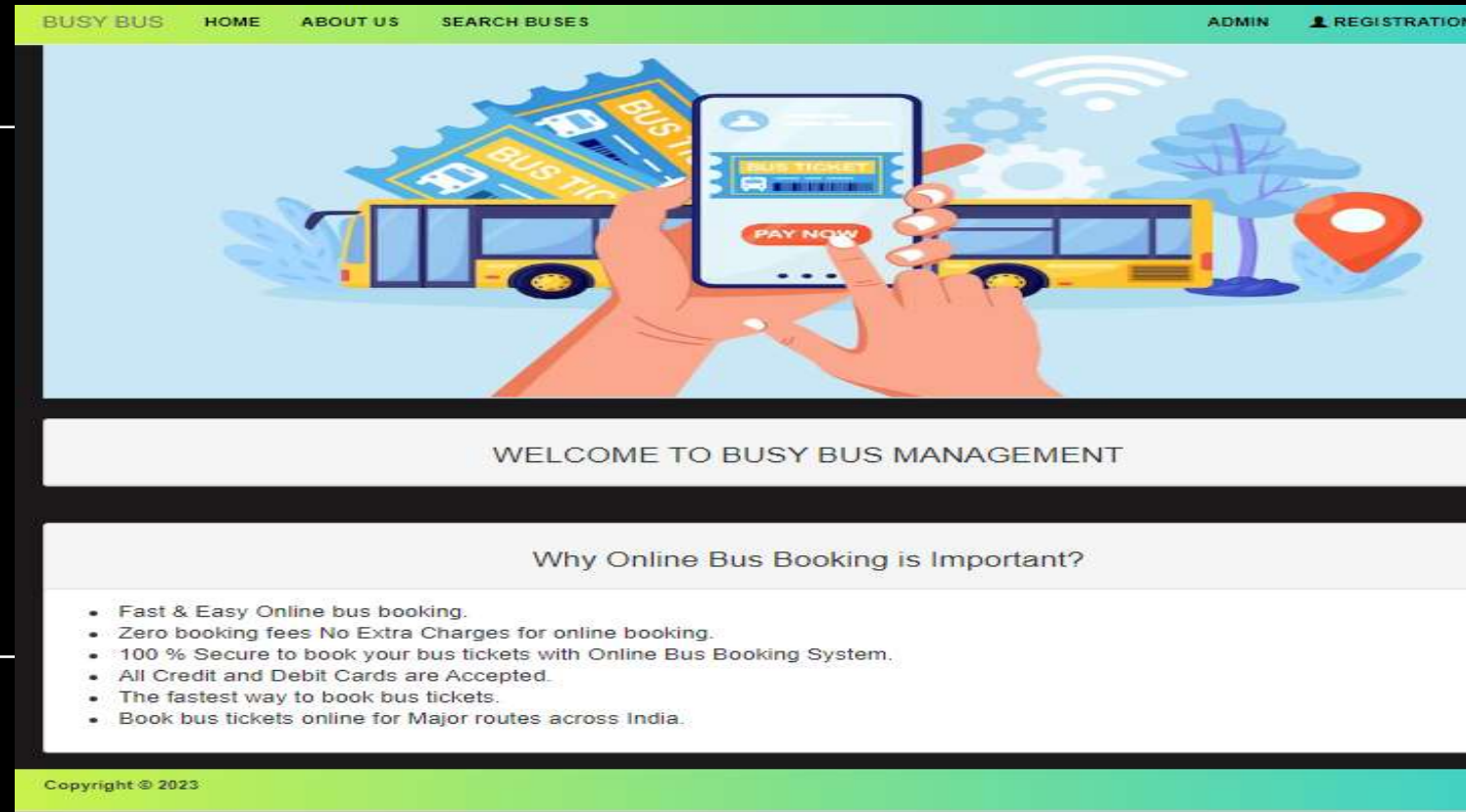
- ❑ **Bus Schedule Management:** The website will allow bus operators to manage their schedules, routes, and fare rates. Different types of buses are available on the website such as AC, Volvo Non-AC and Sleeper buses. The system will also allow administrators to approve or reject new schedules.
- ❑ **Ticket Booking:** Travelers can book bus tickets online, view available seats, and choose their preferred seats. The system will also generate e-tickets that can be printed in the form of PDF format or can be displayed on the website.



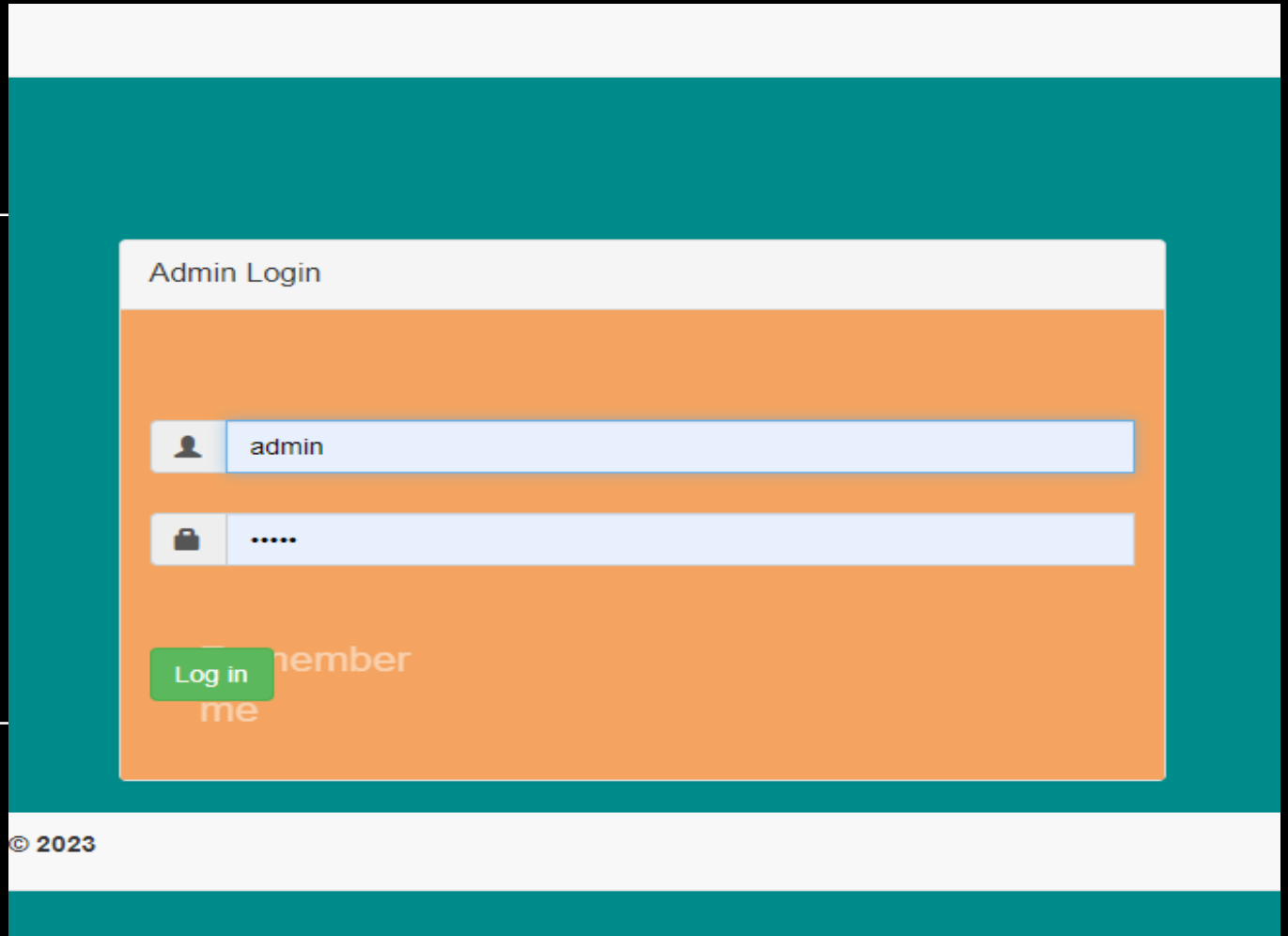
DIFFERENT FEATURES OF THE PROJECT

- ❑ **Payment Gateway Portal:** Price can be visible to travellers after selecting the total number of tickets. The system will allow travellers to make online payments using various payment methods such as Credit and Debit cards. Traveller should enter card details and mobile number to make a payment. After paying the amount, a notification will be displayed on the screen as “Your Booking is confirmed”.
- ❑ **Reporting and Analysis:** The system or website will generate various reports, including bus schedules, passenger bookings, and revenue reports. Admin can use this data to analyse performance and make informed decisions.

Home page



Admin Login



A mockup of an Admin Login form. The form is titled "Admin Login" and is set against a teal background. It features two input fields: one for the username "admin" and another for the password, represented by five dots. Below the password field is a green "Log in" button. To the right of the button, the text "Remember me" is partially visible. The form is enclosed in a white border. At the bottom left of the teal area, the text "© 2023" is displayed.

Admin Login

Log in

Remember me

© 2023

Sr.No	Bus ID	Bus No	Bus Name	Bus Type	Seat Columns	Seat Row	Origin	Destination	Action
1	3	NV245632	Neeta Volvo	AC	7	5	Mumbai	Delhi	Update Details Add Bus Schedule
2	4	64656	Red Bus	AC	9	6	Bangalore	Chennai	Update Details Add Bus Schedule
3	5	A254635	Orange buses	AC	7	5	Vishakapatnam	Hyderabad	Update Details Add Bus Schedule
4	6	A254635	Vasai-Virar	Normal	9	6	Manali	Shimla	Update Details Add Bus Schedule
5	7	AD123	Red Bus	AC	8	4	Vishakapatnam	Hyderabad	Update Details Add Bus Schedule
6	8	BC258	ATAL BUSES	Normal	7	3	Manali	Shimla	Update Details Add Bus Schedule
7	9	EG785	Orange buses	AC	6	3	Bangalore	Chennai	Update Details Add Bus Schedule

Bus Details Page

Choose seats by clicking the corresponding seat in the layout below:

[Back To Search List](#)

Journey Details

Onward Journey From **Bangalore** To **Chennai**
on **Mon,10 Apr,2023**

Selected Seat No	16,17
Per Seat Fare	2000,2000
Amount	4000

Boarding Points

Select Boarding Points	▼
Select Boarding Points	
Bangalore - 09:30PM	
Vellore - 02:00AM	

[Make Payment](#)

Front

1	4	7	10	13	16
2	5	8	11	14	17
3	6	9	12	15	18

Rear

Available Seat

Booked Seat

Selected Seat

BUS BOOKING PAGE

Card Details For Payment

Select Your Card

Credit Card



3 Digit CVV Code

125

Select Bank

Bank Of India



Card No

1258 2589 1456 3589

Make Payment

Payment for the Booking Page

BUSY BUS BOOKING

PNR Details

PNR No J6KD68
Total Tickets 2
Total Amount 4000.00
Bus Name Orange buses

Passenger's Details

Sr.No	First Name	Last Name	Contact	SeatNo	Travel Date	From	To	Boarding Place
1	Adarsh	Kumar	7095249266	16	10/04/2023	Bangalore	Chennai	Bangalore
2	Vamsi	Nanduru	8919058184	17	10/04/2023	Bangalore	Chennai	Bangalore

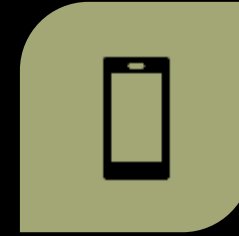
Thank you for booking Ticket with us,have a pleasant journey!!!!

Booking Confirmation

Future Scope



INCREASING THE
SECURITY FOR THE
MANAGEMENT SYSTEM



DEVELOPING A MOBILE
APPLICATION FOR THE
MANAGEMENT SYSTEM



DEVELOPING A REVIEW
PORTAL TO GET THE
FEEDBACK FROM THE
USERS



LIVE TRACKING OF THE
BUSES TO KNOW THE BUS
LOCATION



FACILITY TO ORDER FOOD



IMPROVE THE
MARKETING FOR THE
MANAGEMENT SYSTEM

Thank You

