REPORT ON

ONLINE BUS RESERVATION SYSTEM

Submitted By- **RITURAJ SHEKHAR**
Reg. No.- 11503760
Roll No.- RKE178A01

Submitted to:

Ms. Ankita Wadhawan

Lovely Professional University, Punjab, India

<u>Introduction</u>

In a bus reservation system, a collection of bus are booked by an agent (who are booking tickets for customer's journey). The bus number and its departure time is provided while booking. According to its name it manages the details of all agent, tickets, rental details, and timing details and so on. It also manages the updating of the objects.

In the tour detail there is information about bus, who has been taking customers at their destination, it also contain the detailed information about the customer, who has been taken from which bus and at what are the number of members he or she is taking his/her journey.
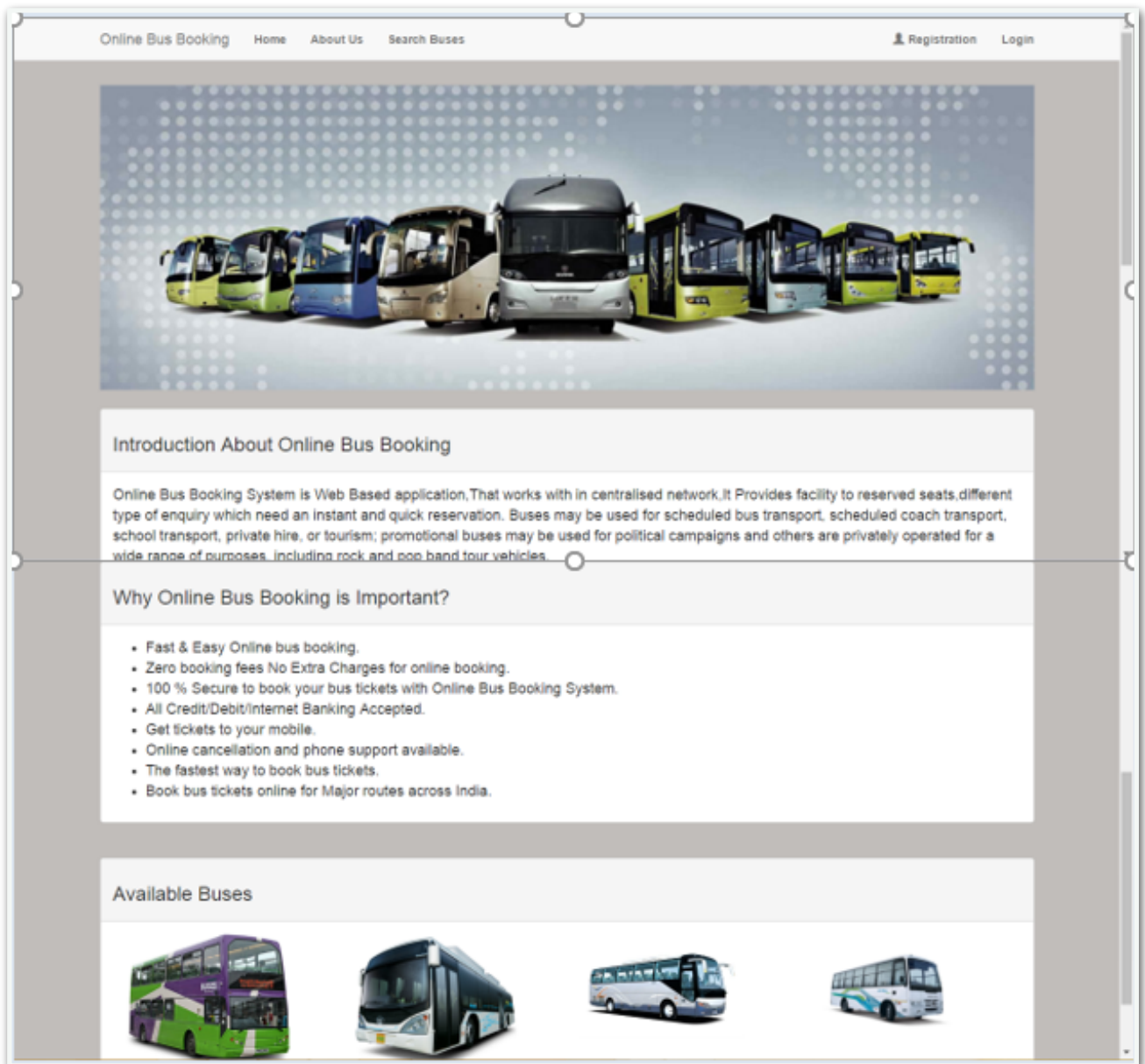
This section also contain the details of booking time of the seat(s) or collecting time of the tickets, this section also contain the booking date and the name of agent which is optional, by which the customer can reserve the seats for his journey

In Bus no category it contains the details of buses which are old/new. New buses are added with the details with bus no, from city to the city, type of the bus, rent of a single seat, if the bus has sleeper than the cost of sleeper, if the cabin has the facility for sitting than the cost of cabin seats, tour timings of the new bus has also been stored. How many buses are currently given and available in office?

In seats specification, it gives the list of given issued and currently available seats and contain the information about seats like sleeper, cabin etc.

The main objective of this project is to provide the better work efficiency, security, accuracy, reliability, feasibility. The error occurred could be reduced to nil and working conditions can be improved.
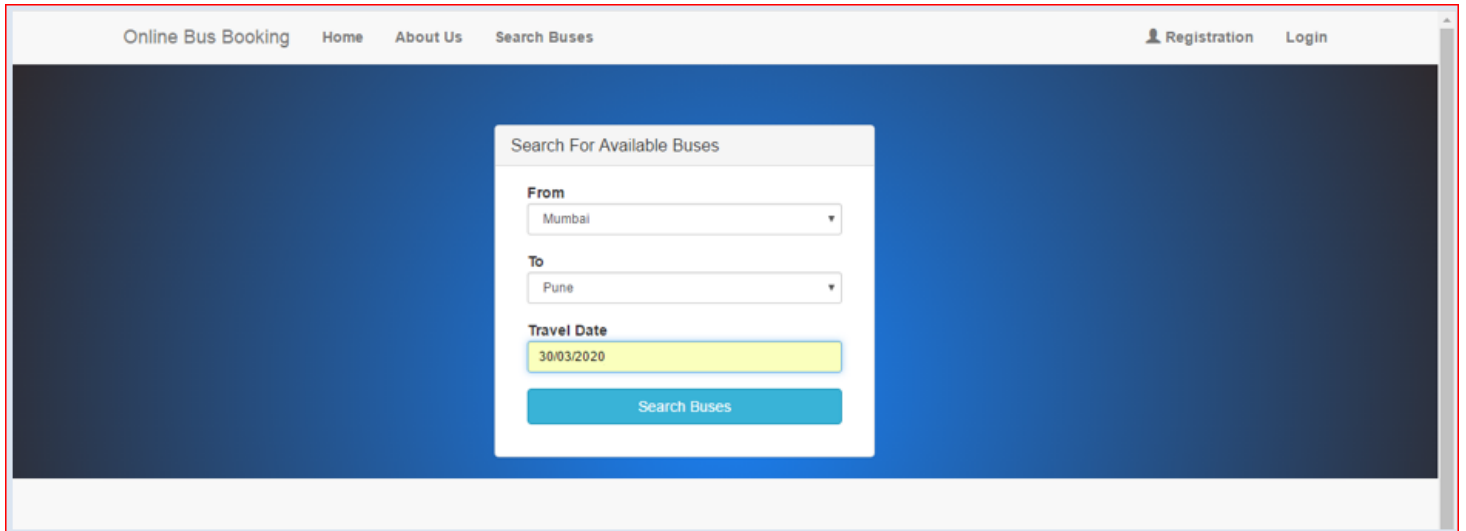
Welcome Page

This webpage is the starting page of the Website. It gives the following information:

- About Us
- Link to Search Bus
- Link to Registration
- Link to Login
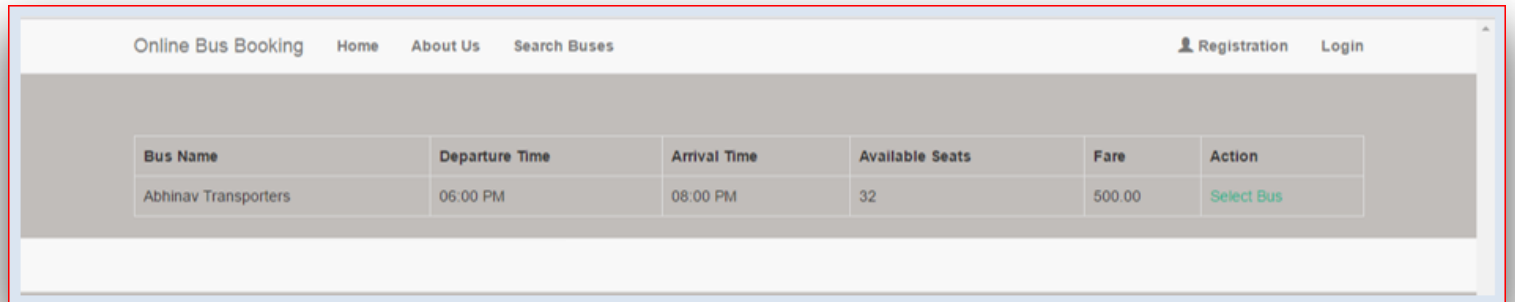- Contact Information

Search For Bus

This webpage provides information regarding searching buses. It includes:

- From (Pick-Up Location)
- To (Drop-Off Location)
- Travel Date (Date of Journey)

Search Result

This webpage displays the available buses according to the input search criteria. The columns consist of:
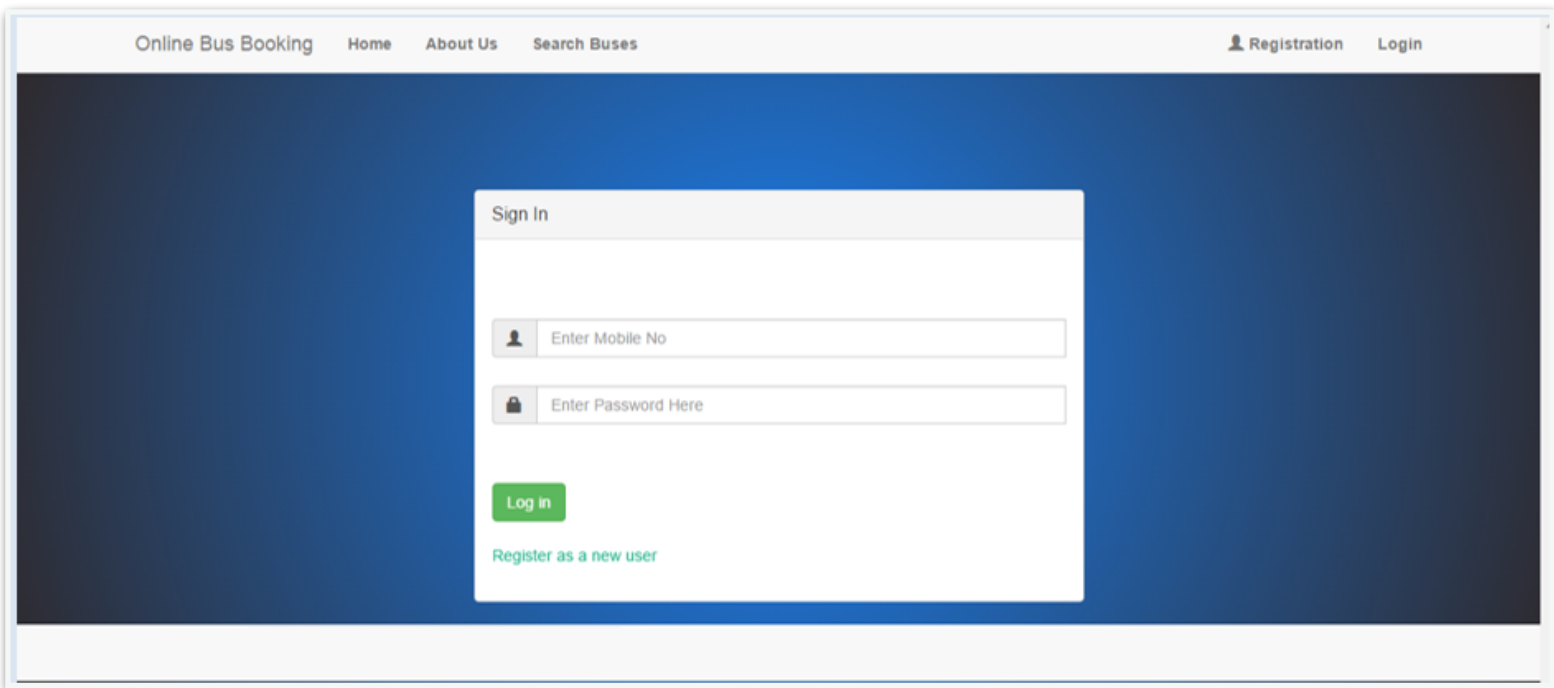
- Bus Name
- Departure Time
- Arrival Time
- Available Seats
- Fare
- Action

Seat Selection

This webpage informs the individual about the available seats through the **seat map**. This allows the individual to select a seat in the desired row and column. It also features:

- Seat Colouring(**Red** for Available)
- Seat Colouring(**Blue** for Booked)
- Seat Colouring (**Black** for Selected Seat)
- Journey Details (with Fare, Boarding Point etc.)

Login Page

This webpage is seen after the individual has selected the bus seat. It contains:

- Enter Mobile Number
- Enter Password Here
- Register as a new user(for new users)

Registration Page

This webpage displays the Registration Portal for **New Users**. It contains:

- First Name
- Last Name
- Mobile No/User Name
- Email ID
- Address
- Password
- City Pin-code

Passenger Details and Payment Page

This webpage asks the user to input Passenger Details and Payment Details for the fare. The input variables are:

• First Name
• Last Name
• Email
• Contact
• City
• Select Your Card
• Select Bank
• 3 Digit CVV Code
• Card No

Confirmation Page

Online Bus Booking

PNR Details

PNR No	8DB5W0
Total Tickets	1
Total Amount	500.00
Bus Name	Abhinav Transporters

Passenger's Details

Sr.No	First Name	Last Name	Contact	SeatNo	Travel Date	From	To	Boarding Place
1	Neha	Dubey	9029451159	26	28/03/2020	Mumbai	Surat	Dadar

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

This is the last step of booking a seat on this Online Bus Booking Platform.This is the Ticket confirmation page shown after the payment is processed. It contains:

- PNR No
- Total Tickets
- Total Amount
- Bus Name
- Passenger's Details
- Warm Wishes