Functional Requirements of Bus Reservation app

Objective

A bus reservation system is a web software solution designed to provide customers with a personalized easy-to-utilize user experience for booking and purchasing tickets online. It stores customers' personal data records, scheduled routes, frequent trips, drop points, and other information.

Features Supported in Application

Functions available for Admins are as follows:

1. Bus Management
2. Agent Management
3. Ticket Cancellation

Functions available for Users are as follows:

1. View Buses
2. View Bus Details
3. Book Bus Ticket

Features for Admin:

Login > Dashboard > Bus Management

OR

Login > Dashboard > Agent Management

OR

Login > Dashboard > Ticket Cancellation

On the dashboard page provided for the admins, a list of Features available will be displayed in a tabular form. Each row will contain general information about each Feature.

Field Name Description

|  |  |
| --- | --- |
| Bus Management | Allows the admin to add/delete/edit bus details |
| Agent Management | Allows the admin to Manage the bus agents |
| Ticket Cancellation | Allows the admin to Cancel the tickets |

To Operate on the Policy:

1. To Add/Delete/Edit, select the Bus Management Buttons in the dashboard.

All the related fields will appear on the screen as a form which has to be filled.

1. To Update/ Delete a Agent, select the options filed with respect to the agent in the dashboard.
2. To Delete a Ticket Click on Cancel Ticket Button

Click Back to Dashboard to navigate back to the dashboard

Features for Users:

Register/Login > Home > View Buses

OR

Register/Login >Home > View Bus Details>Book Tickets>Payment

Field Name Description

|  |  |
| --- | --- |
| View Buses | Display a list of Available Buses |
| View Bus Info | Displays the information related to selected route |
| Book Seat | Displays the list of available seats |
| Payment | QR code will be displayed |

User’s Interactions:

1. The source and destination must be selected and date must be mentioned then search button must be clicked

2.List of available buses in the selected routes will be displayed

3.User can click on the Select seats to show the available seat

4 .User can select the seats and it will direct him to the Payment tab

5. User can scan the QR code and payment can be done.