**BUS BOOKING SYSTEM PROJECT DOCUMENTATION**

**1.REGISTRATION**

A new user create an account by entering details like first name, last name, email and password.

**2.LOGIN**

An existing user logs in using email and password which it has to match with the existing details in the database.

**3.SEARCHING FOR ROUTES**

The user searches for available routes by specifying the from location to location and the date to search for available bus routes.

The system retrieves the matching routes from routes table and displays cost and schedule.

**4.SELECTING BUS AND RESERVATION OF SEAT**

The user select the preferred bus according to the time and price, the system shows available seat numbers and user select one then the selected seat is reserved temporarily to avoid conflicts.

**5.CONFIRMING THE BOOKING**

The user confirm the booking after selecting the seat and then the system generates a unique booking\_id and links it to the user and route in the booking ticket table.

**6.PAYMENT**

The user makes payment for the select trips and the system updates and confirm stated details.

**7.PRINTING TICKET**

Once payment is confirmed the system generates a ticket containing booking\_id, passenger name, routes details (from and to location), seat number, payment confirmation number.

The user can view print or download the ticket.