

## Travel Management System

### User Authentication:

- Implement user authentication and authorization mechanisms for admin, staff, merchants, and customers.
- Admin credentials are used to control and manage the entire system.
- Staff can create and manage merchant accounts.
- Merchants can add/update bus schedules.

### Admin Dashboard:

- An interface for the admin to manage users, view bookings, add/remove staff members, etc.
- Functionality to view and manage system-wide bus schedules.

### Staff Panel:

- Staff members can register new merchants into the system by creating their accounts.
- Ability to monitor and manage merchant accounts and their access.

### Merchant Portal:

- Merchants can log in, add/update their bus schedules, and manage their available seats for different routes.
- View bookings and manage ticket availability.

### Customer/User Interface:

- Users can register, login, and search for available buses based on destination and time.
- Booking functionality allowing users to select seats and book tickets for desired schedules.
- Users should be able to view their booking history and cancel bookings if needed.

### Booking Management:

- Implement a system to track and manage bookings, including seat availability updates upon booking, email confirmations for users, etc.

### Data Storage & Management:

- Store user details, booking information, bus schedules, and other relevant data in a secure database.

- Implement data validation and ensure data consistency throughout the system.

#### User-Friendly Interface:

- Design an intuitive and responsive user interface for easy navigation across different user roles and functionalities.

#### Payment Gateway Integration:

- Integrate the Khalti payment gateway API into the booking system.
- Enable users to make online payments securely using Khalti for their bus bookings.

#### Refund Policy Implementation:

- Define and implement a clear refund policy for canceled bookings.
- Allow users to request cancellations and refunds within a specific timeframe before the scheduled departure time.