MINI PROJECT

CAB BOOKING SYSTEM:

TOMS JOSEPH

R-MCA[B]

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SCRUM MASTER: DR.BIJIMOL TK

MCA DEPARTMENT

CAB BOOKING SYSTEM:

ABSTRACT:

The Cab Booking System is a comprehensive software solution designed to streamline and optimize the process of booking and managing cab services. This system provides an efficient platform for both customers seeking transportation and cab service providers to interact seamlessly. It offers a user-friendly interface, advanced booking features, real-time tracking, and efficient management tools for service providers.

The Cab Booking System is designed with security and scalability in mind. It employs encryption protocols to safeguard user information and transactions, assuring customers of their privacy. The modular architecture of the system allows for easy scalability to accommodate increasing user demands and expanding service areas.

In conclusion, the Cab Booking System project addresses the need for a seamless and organized taxi booking process, benefiting both customers and taxi service providers. By leveraging modern technology and user-centric design, the system contributes to a more efficient and reliable urban and rural transportation ecosystem.

Modules:

- **Admin**
- **User**
- **Bike Driver Panel**
- **Car Driver panel**

❖ MINI PROJECT:

Admin :

- Manage website settings
- Car Management and category **:**
  - 5 seater , 6 seater, 7 seater
  - Can add new cars, Delete the cars
- Bike Management **:**
  Add & Bring new bikes & Delete bikes
- View ongoing Bookings
- Manage Registered Clients (Details of clients who had signed up)
- Feedback (Customers and Drivers)

User :

- Customer Registeration
- Search Available
- Booking History
- Book Cab →pickup Location → Drop off Location
- Cancel Bookings
- Booking Extension

- Feedback

Car Driver :

- Bookings History
- Confirm Booking
- Update Trip Status - Driver has pickedup the client

- Update Personal info of cab driver

<u>Bike Driver :</u>

- Bookings History
- Confirm Booking
- Update Trip Status - Driver has pickedup the client
- Strongly Ensure the passenger wear helmet during the trip.
- Update Personal info of cab driver

❖ MAIN PROJECT:

Admin :

- Manage website settings
- Car Management and category **:**
  The user can choose the car types based on there Luxury (Premium & ordinary)
  Can add new cars, Delete the cars
- Bike Management **:**
  Add & Bring new bikes & Delete bikes
- View ongoing Bookings
- Manage Registered Clients (Details of clients who had signed up)
- Car and Bike Services
  - ▪ Spare parts
  - ▪ Modifications
  - ▪ Oil change
  - ▪ Car & bike wash
- Technologies Implementaion(ML)
- Feedback

User:

- Customer Registeration
- Search Available
- Booking History

- Select and book Car →pickup Location → Drop off Location (The user can choose the car types based on there Luxury features of car (Premium & ordinary)
- Select and book bike →pickup Location → Drop off Location
- Cancel Bookings
- Booking Extension
- Payment
- Feedback(Car and Bike Driver)

Car Driver :

- Bookings History
- Confirm Booking
- Real Time Tracking (Closest First)
- Update Trip Status –
  - Driver has pickedup the client
  - Any trip extension
- Update Personal info of cab driver
- Payments Recieved
- Feedback of the driver(behavior of customer)
- Service
  - Notification
  - History

Bike Driver :

- Bookings History(Details of the trip he had travelled)
- Confirm Booking
- Real Time Tracking (Closest First)
- Update Trip Status - Driver has pickedup the client
- Strongly Ensure the passenger wear helmet during the trip.
- Update Personal info of biker

- Payments Recieved
- Feedback of Biker (behavior of customer , Is proper safety is maintained during the trip)
- Service
  - o Notification
  - o History

Software specification:

Front End : HTML,CSS

Back End : DJANGO

Database : sqlite