

RIDEIT

INTRODUCTION

Our application is based on Cab Booking System, where the customers book the cabs, and the driver rides them. Finally, the administration controls and regulates the functioning of these rides.

Our application mainly features three categories of user pages: Customer, Driver, and Administration.

ADMINISTRATION

The Admin page consists of the following functionalities:

1. **List of customers that are there in each city:** This feature lists all the customers classified by their home city and gives the total number of customers from each city.
2. **Total revenue generated by each fare mode on each day (and cumulative generation):** This feature generates the list of total revenue generated on each day, classified by each fare mode.
3. **Number of vehicles of each type in each state:** This option generates a classified list of vehicles of each type by every state.
4. **Removing old feedback:** This option removes all the feedbacks that are older than the specified time. This is useful to free up memory.
5. **Increase the salary of the employee:** This option increases the salary of all employees by each of the corresponding roles in the database.

Customer:

The user page of the customer consists of the following functionalities:

1. **List of previous trips:** This functionality lists the details of all the rides the customer has ridden till now.
2. **Booking a cab:** This functionality helps customers book a cab for themselves. Inside the database, all the starting and destination location details are stored.

3. **Renting a vehicle:** This functionality is similar to the previous one, except that the customer rent and can flexibly ride the vehicle to their desired location.
4. **Purchasing the membership:** This functionality adds or extends the membership of the customer.
5. **Updating password:** This security feature helps customers update their passwords so that they can make their accounts secure.

Driver:

The user page of the driver consists of the following functionalities:

1. **Rent a vehicle:** This feature enables drivers to rent a vehicle to drive the rides for the company.
2. **View the current rating:** This feature helps drivers review themselves by checking the rating given to them by their previous customers.
3. **View ride history:** This feature enables drivers to check about their previous rides, where they can know the locations from which the took and dropped the customers.