

Project-documentation:

Project: Online Cab Booking System (Careem/uber)

Attributes:

Company_Admin: id, name, username, email, role

Inquiry: id, name, email, message

Customer: id, name, address, contact, email, age, gender, detail

Driver: id, name, car_id, contact, email, age, gender, detail

Cars: id, car, car_model, milage, passenger_count, rent, location, detail

Car_booking: id, car_id, customer_username, contact, email, date, time, car_model, booking_duration

TripHistory: id, customer_name, customer_contact, time_out, date_out, time_in, date_in, car_model, driver, total_amount

Payment: pay_amount

Cash: pay_amount

Card: pay_amount, name, card_number, type, expiry_date

Methods:

Add_Car: Program should ask the company admin to enter the details of the new cars into the records for the customer to view and the driver to drive. Handle all possible wrong entries.

Update_Car: Program should ask the company admin to make changes to the current cars data record

Delete_Car: Program should ask company admin to enter student id whom you want to delete. When user enters the id then program first displays all information of student and then delete this.

Send_message_to_Admin: Program should ask the customer to enter any feedback/complain/questions to the company

Total_earnings: Program displays the total fare charged to the customer and daily profits by subtracting the share of the driver

Maintain_a_record: Program should keep a record of all the cars and handle any updating, deletion or insertion.

View_Car: Program should ask the user for the car to view that the customer will book

Book_Car: Program should ask the user to enter the car to book for riding

View_trip_history: Program should display all the details of the trips taken by the customer with its name, date, time, driver and display the total fare

Accept_ride: Program should ask the driver to enter yes to accept a ride requested by the customer and also display the name, source, destination and fare for the that ride

Decline_ride: Program should ask the driver to enter no to decline a ride request from a customer.

View_inquiry: Program should ask company admin to view the inquiries raised by the customer and display the set of inquiries.

Menu

User enters the login information by entering the id, name, username, email and the program asks the user to enter whether he wants to be a customer or the driver.
Depending on the login information given the below menu options are displayed.

Program should display following menu:

For customer login:

1. View car
2. Book car
3. View trip history
4. Send message to admin

For driver login:

1. Accept ride
2. Decline ride
3. View trip history

For admin login:

1. Add car
2. Update car
3. Delete car

4. View inquiry
5. Total earnings

0 - Logout