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PROJECT TOPIC: CAR RENTAL MANAGEMENT SYSTEM

PROBLEM STATEMENT:

1. For many people, buying a car and bearing its insurance cost would be expensive.
2. For a traditional car rental service, a customer must physically visit the rental store which is inefficient.
3. In our car rental system, a user can book a car ride from any place conveniently, and after the payment is done, he/she will be notified of the nearest location where he/she can pick up the car.
4. Due to the high availability of these pickup locations, the user can get to these locations in a short duration of time.
5. User can then use the car for the specified session and then return it to one of the closest locations.

OBJECTIVES:

To design a database for the car rental platform which should support the following functionalities:

- Users must be able to register into the system with details such as username, email, password, address etc., and then login with their username and password.
- Users must be able to view the current availability of cars for rent in his/her nearby location.
- Users must be able to book a car followed by the payment of the session.
- Ride details must be stored, and users must be able to view the booking details.
- Maintain details of car location such as parking spot, area name, zipcode etc.