MARKET TYPE & PURPOSE:

Marketplace Rental e-commorce.

PRIMARY PURPOSE :-

To provide a platform where people can easily rent cars for short-term use.

BUSINESS GOALS :-

a- ## PROBLEM THE MARKEIPLACE AIMS TO SOLVE :

Our rental car marketplace solves the problems of people needing temporary access to vehicles without the high costs of buying or long-term leasing. It makes it easy for people to find and rent cars for short periods, whether for a day trip, a weekend getaway, or a longer vacation.

b. ## TARGET AUDIENCE :
. Tourist visiting new cities.

- Business travelers needing transportation for short trips.
- Local residents who don't own cars but occasionally need one.
- People whose cars are being repaired and need a temporary replacement.

c **SERVICES OFFERED:**

- Short term car rentals (hourly, daily, weekly, monthly)
- Various cars type (economy, luxury, SUVs, vans)
- Pickup and drop-off services.

d **WHAT MAKES US SPECIAL:**

- Ease of use : A user-friendly app and website for quick bookings.
- Flexibility : Wide range of rental durations and car types.
- Affordability : Competitive pricing and special deals for frequent users.
- Convenience : Multiple pick-up and drop-off locations.

DATA SCHEMA :-

Data Schema for our rental car market place :

DIAGRAM :

CUSTOMER

Customer ID	Number
Name	String
Contact #	String
Driving License	String

RENTALS

Rental ID	Number
Customer ID	Number
Car ID	Number
Start date	Date
End date	Date
Total Cost	Float

CAR

Car ID	Number
Model	String
Type	String
License Plate	String
Is Available	Booklean

LOCATION

Location ID	Number
Name	String
Address	String

EXPLANATION OF THE SCHEMA

- **CUSTOMER :** Represents users who rent cars. It stores their personal information and driving license details.
- **CAR :** Represents the vehicles available for rent. It includes details about the car and its availability status.
- **RENTAL :** Represents a booking made by a customer to the car they're renting and includes rental duration and cost.
- **LOCATION :** Represents pickup and drop-off points where cars are stored.

The lines between entities show how they're related:

- A CUSTOMER can make many RENTALS. (one-to-many relationships)
- Each RENTAL includes one CAR. (one-to-one relationship).
- Each LOCATION can store many CARS. (one-to-many relationship)

This schema provides a basic structure for our rental car marketplace, covering the main entities

and their relationship. As we develop the platform, we might need to add more details or entities to meet specific business needs.