

# Hackaton Day 1: Laying The Foundation

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## Task For Day 1

### Step 1: Choose Your Marketplace Type

- Marketplace Type: Rental E-Commerce & long-term
- \* Primary Purpose: Provide affordable short-term<sup>↑</sup> car rentals for people and business with out owning them.

### Step 2: Define Your Business Goals

problem

- What<sup>↑</sup> does your market aim to solve?
- \* Many people and business needs car but can't afford to buy them and often face high costs or logistical challenges when renting cars. To solves this issue by providing:
  - 1) Affordable car rent options,
  - 2) A user-friendly platform for booking cars,
  - 3) Multiple rental durations (hourly, daily, weekly).
- Who is your target audience?
- \* Individuals, Business and travelers who needs car for specific occasions, requiring vehicles for employees or deliveries

and visiting cities for temporary bases.

• What services will you offer?

1) Rental Options: Cars for short term (hours/day) or long term use (weeks/months).

2) Car Categories:

\* Economy (budget cars for daily use).

\* Premium (luxury cars for events).

\* SUVs (for family trips or off-road travel).

3) Add-ons: GPS, child seats, insurance coverage.

• What will set your market place apart?

\* Unique Selling Points: Affordable prices, a wide variety of cars, flexible pick-up and drop-off options and excellent customer experience & service.

### Step 3: Create a Data Schema

1) Identify the entities in your marketplace

• Cars: Vehicles available for rent.

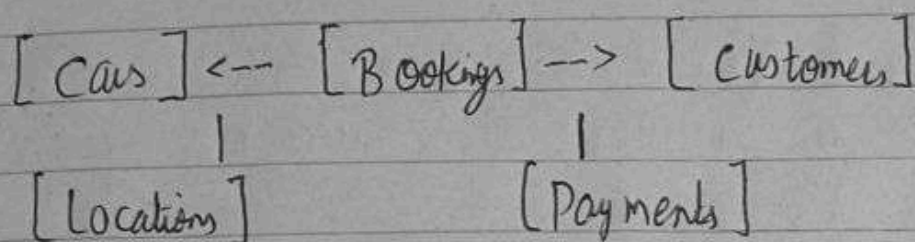
• Bookings: Records of rental transactions.

• Customers: People or business renting cars.

• Payments: Tracks transactions for rentals.

• Locations: Areas where cars are available, pick-up or drop-off.

## 2) Draw Relationships Between Entities



## 3) Focus On Key Fields for Each Entity

### \* Cars:

\* Fields: Car ID, Name, Category, Model, Year, Price per day, Availability, Location ID, Features.

### \* Bookings:

\* Fields: Booking ID, Customer ID, Car ID, Start Date, End Date, Status, Payment ID.

### \* Customers:

\* Fields: Customer ID, Name, Contact info, Address, Booking History.

### \* Payments:

\* Fields: Payment ID, Booking ID, Amount, Payment Method, Payment Status, Payment Date.

### \* Locations:

\* Fields: Location ID, City, Area, Cars Available



## 1) Schema Diagram:

