

# HACKATHON DAY 1

STEP: 1: Market place

↓  
Rental E-commerce

## P. Primary purpose :-

The primary purpose of car rental e-commerce is to make it easy for people to rent cars online, offering convenience, flexibility, and quick access to vehicles when needed. It allows users to save time and effort by eliminating the need for in-person bookings while offering a wide variety of vehicles to suit different needs, as well as compare prices to find the best deals. It also supports travel plans with options for local and international rentals.

STEP: 2 :-

Q. What problem does your marketplace aim to solve?

- Limited access to flexible car rentals.
- High costs of car ownership.
- Complicated and time-consuming booking processes.
- Lack of price and options transparency.
- Limited transportation options for varying needs.
- Inflexibility in rental durations and locations.
- Need for a convenient, online rental solution.

Q. Who is your target audience?



## Target Audience :-

1. Tourists or business travelers needing temporary transportation.
2. Individuals requiring short-term vehicle access for daily use.
3. people renting vehicles for special occasions or events.
4. Those seeking affordable alternatives to car ownership.
5. Residents of cities who don't own cars but need them occasionally.
6. Individuals needing flexible, cost-effective mobility.

Q3. What product or services will you offer?

## Product & Services :-

1. A variety of vehicles for short or long-term use.
2. Flexible pick-up and drop-off locations.
3. Rent by the hour for quick trips.
4. protection during your rental.
5. Tailored rental durations to fit your need.
6. Always available customer assistance.

Q4. What will set your marketplace apart?

1. Quick & simple booking process.
2. Rent by the day, hour or week.
3. Variety of cars to suit different needs.
4. Competitive pricing with no hidden fees.
5. Door-to-door vehicle delivery and pickup.
6. Always available assistance for any issues.



## STEP 3 :-

Create a data Schema :-

→ Relationships b/w these entities :-

Here's how the r/ship b/w entities looks .

## Product & Orders :-

1. Each order Includes one or more products.
  2. A single product can be rented multiple times (1-to-many relationship).
- Each order contains one or more products.
  - Relationship : 1 product ↔ many orders.

## Order & Customer :-

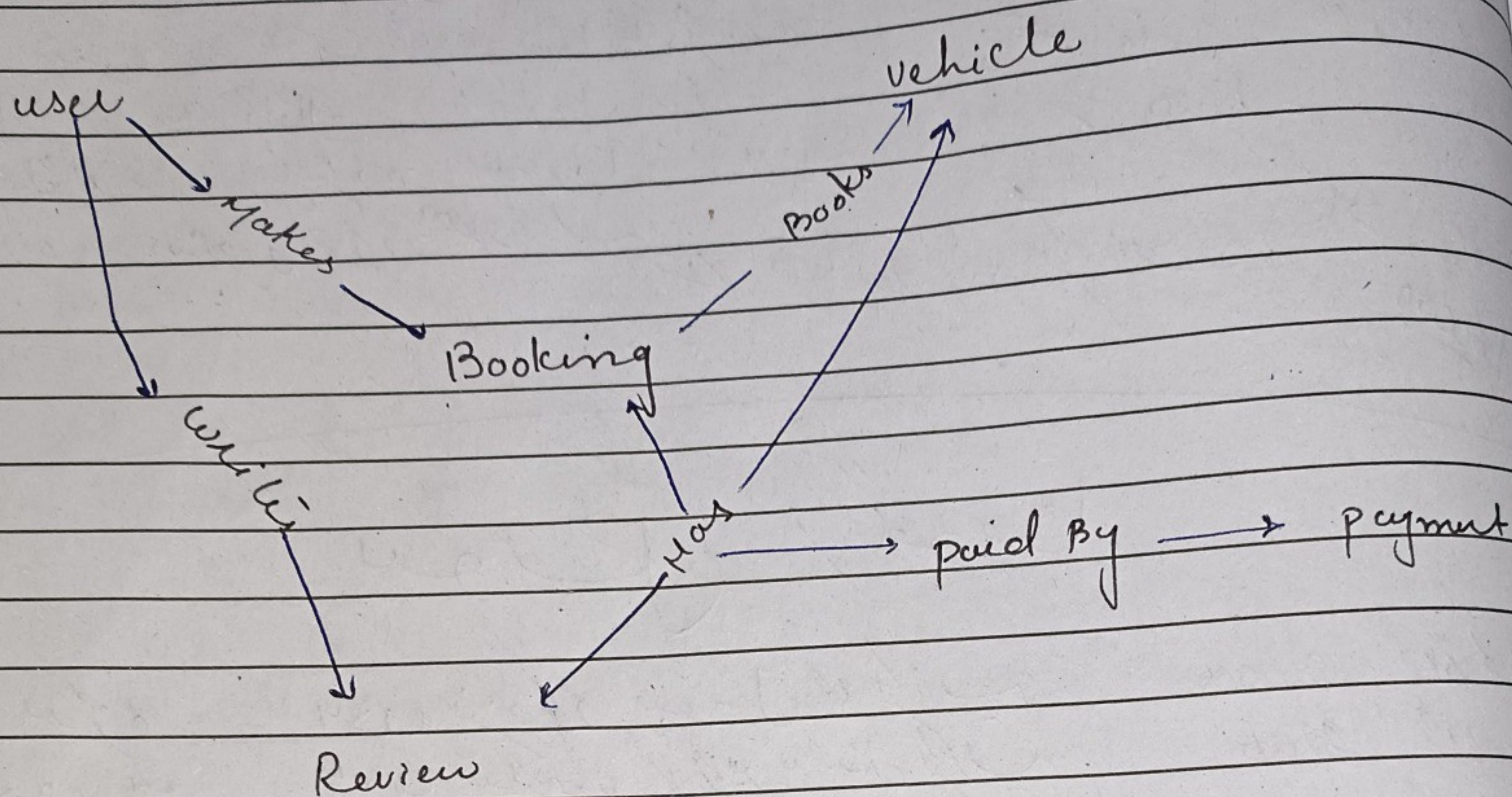
1. Each order is placed by one customer.
  2. A customer can place multiple orders (1-to-many relationship).
- Each order is placed by one customer.
  - Relationship : 1 customer ↔ Many orders.

## Order & Delivery Zones

1. Each order is delivered to one - zone, and each zone can serve multiple orders (1-to-many relationship).
- Each <sup>order</sup> is delivered to one delivery zone.



Relation-ship : 1 delivery Zone  $\leftrightarrow$  Many orders



Car table
Car Id :
Model :
Brand :
price per hour :
Maintainability-status :
Location :
Image

customer Table
customer Id
name
Contact-Info
Address

location Table
address
city
Contact NO :

Payment Table
Amount
payment-status
payment-date
rental-Id

Feed back Table
Car Id
Rating
Comment
Review-Id
Car-Id