

3rd Hackathon

laying the foundations of my Business idea

Task 1:- Marketplace.

- My Marketplace is General E-commerce, where I want to sell Office, Household, Kitchen furniture.

Task 2:- Business Goals.

- Question:- what problem does my marketplace solve?

Answer:-

Problem:-

Many people, especially women spend a lot of time leaving their household chores and work to go to different stores looking for products they need. This issue affects business professionals and employees who have to take leaves from their work to go shopping.

Solution:-

I'm creating an e-commerce web application where users can shop easily from their phones or laptops without taking time off or stepping out. This will allow them to complete their work while shopping efficiently, and the ordered items will be delivered directly to their doorstep.

Question: what are my targeted audience?

Answer:-

My targeted audience are the people who are busy with work but still need to go shopping. This includes businesspeople, housewives, and those who prefer not to go out shopping.

Question:- what services will I offer?

Answer:-

1. Customers can adjust their orders (add more item, reduce quantity, or cancel) until order is ready for delivery.
2. People can open their shops in the e-commerce store and shop from the same store multiple times. Multiple items can be delivered with ~~half of the total~~ ^{single} delivery charges.
3. If the delivery person is already on their way and you want to add more items, the charges will increase by half of DCs.

In my research no one is given above services and opportunities except 2nd point.

Task 3:- Create a Data schema.

Key entities

- products:- Details about the products I'm selling.
- Customers:- Information about customer.
- Shipment:- order movement.
- Order:- Tracking transaction between me and customer.
- Payments:- Tracking or Payments.
- Category:- Groups Products.

Fields for each entity.

1. For products:-

- productId
- Name
- Description
- price
- Stock
- Images

2. For Customers:-

- customerId
- name
- email
- address
- phone
- city

3. For Shipment:-

- shipmentId
- orderId
- status
- expected date

4. For orders:-

- orderId
- customerId
- date of order
- status
- Total price

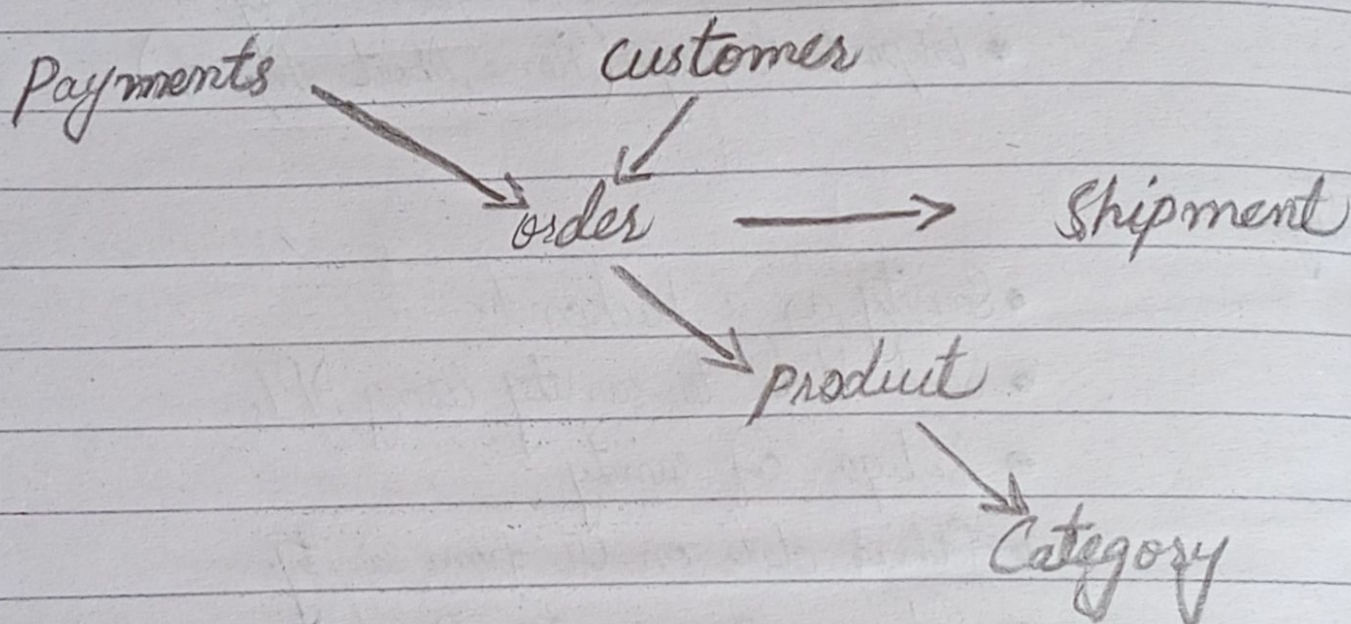
5. for category:-

- Category Id
- name
- description
- Images

6. Payment:

- Total payment
- payment Id
- orderId
- Methods to pay.

Relationship between entities



- Product is linked to category
- Customer place order contain product
- Order is connected to shipment
- payment linked to order for processing.