

5. Shipment:

- Shipment ID \Rightarrow Unique identifier for each shipment.
- Order ID \Rightarrow Same ID as order data.
- Shipment status \Rightarrow In Transit, Delivered, cancelled, pending.
- Estimated delivery date \Rightarrow Estimated date when the shipment is expected to arrive.
- Carrier \Rightarrow Shipping service provider (FedEx, DHL, UPS).
- Shipment origin \Rightarrow Details about origin of shipment.
- Shipment destination \Rightarrow Details about destination of shipment.
- Customer phone \Rightarrow Contact no. of customer.

6. Payment:

- Payment ID \Rightarrow Unique ID for each payment.
- Order ID \Rightarrow Same ID as order data.
- Customer ID \Rightarrow Same ID as customer data.
- Payment method \Rightarrow Method used for payment.
- amount \Rightarrow Total amount paid for order.
- Payment date \Rightarrow Date & time when payment was made.

3. Customer :

• Customer ID \Rightarrow Unique identifier for each customer.

• Customer Name \Rightarrow Customer full name.

• Email address \Rightarrow Customer email address.

• Phone Number \Rightarrow Customer contact no.

• Address \Rightarrow Delivery address.

4. Delivery Zones:

Zone ID \Rightarrow Unique identifier for each zone.

Zone Name \Rightarrow Name of Delivery zone.

Coverage Areas \Rightarrow List of cities & postal codes served

availability status \Rightarrow whether the zone is active or inactive for delivery.

Assigned Drivers \Rightarrow Details of drivers.

Key fields for each Entity:

1. PRODUCT:

- Product ID \Rightarrow Unique identifier for each product.
- Product Name \Rightarrow Name of each product.
- Product desc \Rightarrow Detail description of product.
- Price \Rightarrow Price per product.
- Stock \Rightarrow Quantity of product.
- Sizes \Rightarrow Available sizes for each product.
- Colors \Rightarrow Available colors for each product.
- Reviews/Ratings \Rightarrow Customer reviews & ratings.
- Image \Rightarrow Image for each product.

2. Order:

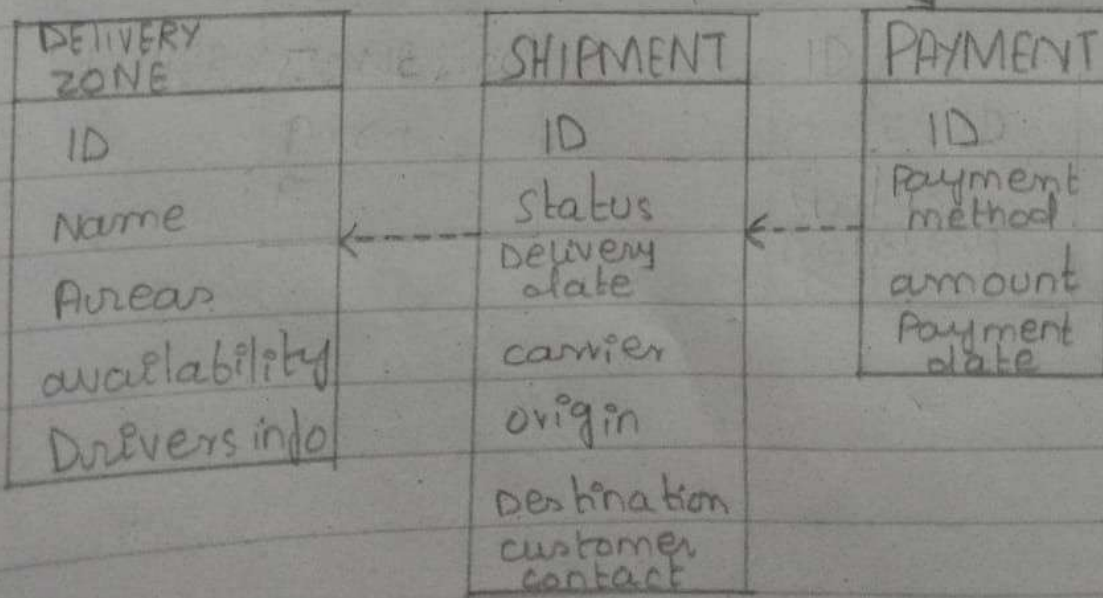
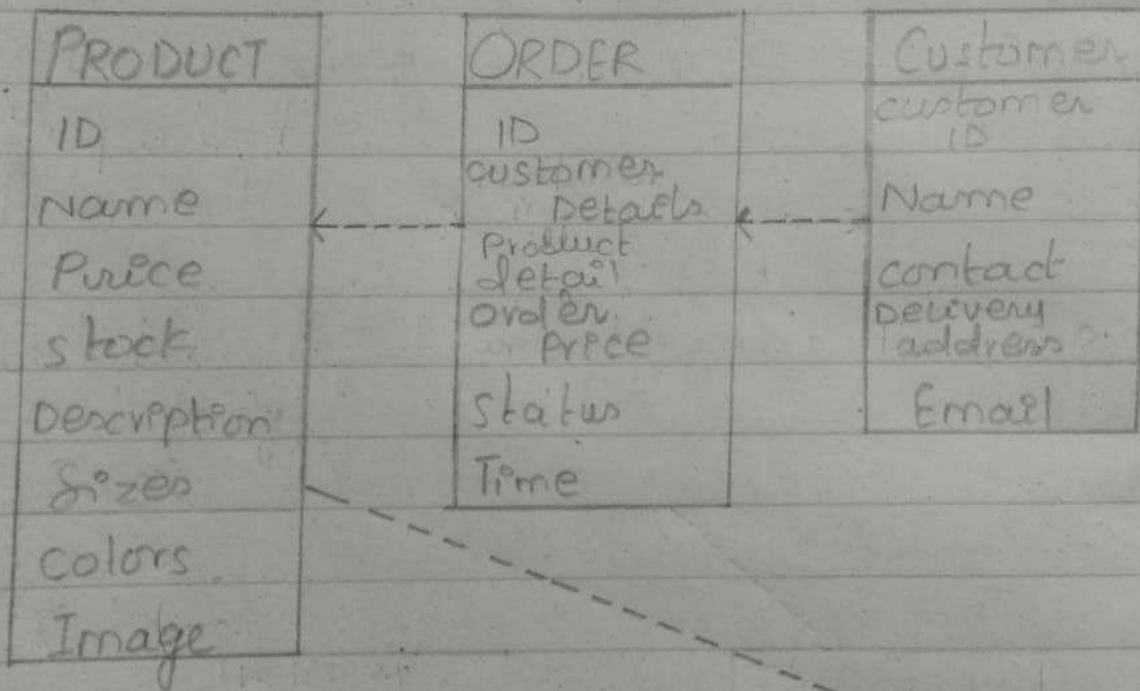
- Order ID \Rightarrow Unique identifier for each order.
- Customer Details \Rightarrow Customer ID, Name, address, phone, email.
- Product Details \Rightarrow ID, Name, quantity, price
- Order price \Rightarrow Total amount of order.
- Status \Rightarrow Pending, shipped, delivered
- Date/Time \Rightarrow Date & time of order placement.

Step 3: Create a data Schema

Entities:

- Products
- Orders
- Customers
- Delivery zones
- Shipment
- Payment

Relationship Diagram:



3. OFFERED PRODUCTS:

⇒ Products:

- Sofas
- tables
- chairs
- Cupboards
- beds
- Cabinets
- Shelves & more

4. APART FROM OTHERS:

- ⇒ I will provide a wide variety of furniture categories & styles.
- ⇒ Affordable prices with frequent discounts.
- ⇒ Fast & flexible delivery.

Step 2: Define your business Goals

1. PROBLEM SOLVING:

⇒ Making it easy for customers to find, compare & purchase furniture online without visiting physical stores, providing a reliable platform to access high-quality furniture at competitive prices.

2. TARGET AUDIENCE:

- ⇒ Individuals or families looking to furnish or redecorate their homes.
- ⇒ Organizations setting up new offices or expanding their existing ones.
- ⇒ Professionals seeking unique or customizable furniture options for their clients.

HACKATHON 3 DAY: 01

Step 1: Choose your marketplace type

• General E-Commerce

- Primary Purpose:

My marketplace is designed to offer a comprehensive platform for customers seeking high-quality furniture for their homes, offices or commercial spaces. Customers will have access to a diverse range of furniture including sofas, tables, chairs, sideboards etc directly from trusted sellers. It aims to make furniture shopping more convenient with a wide variety of options, competitive prices & seamless delivery services.