

Day - 1 (Made by Muhammad Shahzad)

* Marketplace plan for E-commerce ^{ss}

Step 1: Choose Marketplace type

choice: General E-commerce Marketplace

Purpose:

Marketplace provides a wide variety of chairs for purchase, catering to residential, office and event needs.

Step 2: Define business goals

Problem aim to solve:

Many customers face difficulties in finding diverse range of chairs at competitive prices. Marketplace solves this by offering user-friendly platforms where they can explore chair types and order seamlessly online.

Target audience:

- Homeowners looking for dining chairs or lounge chairs
- Businesses setting up offices
- Institutions like schools, cafes etc.

What products or services will you offer?

- Residential chairs
- Office Chairs
- Specialty chairs

What will set your marketplace apart?

- Wide selection of chairs across different price points
- Competitive pricing

→ Step 3: Create a Data Schema

1. Entities

- products — Representing chairs
- Orders
- Customers
- delivery zones
- Payments

relationship between entities

[Product]

- ProductId
- Name
- Price
- Stock

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[Order] - - - - -> [Customer]

- OrderId
- Product Id
- Quantity
- Total amount
- Status

- customerId
- name
- contactInfo
- address
- order History

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[Payment] < - - - - [Delivery Zone]

- PaymentId
- Order Id
- Amount Paid
- Status

- zoneName
- coverage Area
- delivery Fee
- assigned Courier

Key fields for each entity:

1. Products:

- Product Id: Unique identifier
- Name
- Price
- Stock
- Tags: e.g. comfortable, durable

2. Orders:

- orderId: unique identifier
- customer info
- product details
- Total amount
- status
- timestamp

3. Customers:

- customer Id: unique identifier
- name
- contact info
- address
- order history

4. Delivery Zones:

- Zone name
- coverage area
- delivery fee

5. Payments :

- paymentId
- orderId
- amount Paid
- status