Hackathon 03 (Day 1)

Step 1: Choose your marketplace type
Choosen Type: General E-Commerce

Primary Purpose:

The primary purpose of a General E-Commerce marketplace is to provide a platform for buying and selling a variety of products, ensuring secure payments, reliable delivery, and easy navigation for a convenient shopping experience.

This project focuses on the furniture niche, crafting a premium marketplace that showcases top-tier furniture, with intuitive design and interactive features, it aims to redefine the online furniture shopping experience.

Step 2: Define your business goals

1. What problem does your marketplace aim to solve?

- This marketplace solves the challenge of visualising furniture in spaces, providing detailed product information, and offering reliable delivery and assembly services. It helps customers easily find, visualize, and recieve quality furniture.

2. Who is your target audience?

- The target audience includes individuals and families seeking affordable, stylish furniture for their homes, including young professionals, homeowners, and renters looking for living room, bedroom and office furniture.

3. What products or services will you offer?

- The marketplace will offer a curated selection of furniture for living rooms, bedrooms, offices, and outdoor spaces, including sofas, tables, beds, and storage. Services like assembly and reliable delivery will also be available.

4. What will set your marketplace apart?

- This marketplace offers affordable prices for high-quality products, with detailed descriptions, fast delivery, and optional assembly services, ensuring a seamless shopping experience.

Step 3: Create a Data Schema

Product
ID
Name
Price
Stock
Category

Delivery Zones
Zone name
Coverage area
International shipping
cost
Customs and taxes
Estimated delivery

Order
Order id
Customer info
Product details
Status
Timestamp

→

Shipment
Shipment id
Order id
Shipment status
Tracking Num
Shipment origin
Destination country
Delivery date
custom clearance status

Customer
Customer id
Name
Contact info
Address
Order history

Payment
Payment id
Order id
Amount
Pay method
Pay status
Pay date
Transaction id
Payment processing fee
Currency