

Hackathon, 3

Day: 1

Laying the foundation for your Marketplace journey.

Task of Day 1.

Step 1: choose your Marketplace type

My choice:- General E-commerce - Furniture website

Purpose :- The purpose of an e-commerce furniture website is to provide customers with an online platform to browse, customize and purchase furniture for their homes or offices. It offers convenience, variety, and detailed product descriptions, allowing customers to make informed decisions without visiting physical stores.

Step 2 :- Define your Business Goals

Answer these guiding questions:-

Q: What problem does your marketplace aim to solve?

Problems:

- Many customers find it difficult to locate affordable, high-quality furniture that suits their style and space.
- Visiting multiple furniture stores can be time consuming and inconvenient.

Solution:

- Our platform solves these issues by offering a wide range of furniture options, with customization features, competitive pricing and home delivery services.

Q: Who is your target audience?

- Homeowners looking for stylish and

functional furniture for their living spaces.

- Young professionals moving into new apartments who need affordable and modern furniture
- Businessmen and office managers seeking ergonomic furniture solutions for their workplaces.

Q: What products or services will you offer?

- Products: Sofas, beds, dining tables, office furniture, outdoor sets, and decorative items.
- Services: Customization (size, color, material), fast delivery, assembly, AR/VR try-outs and eco-friendly options.

Q: What will set your marketplace apart (e.g., speed, affordability, customization)?

- Customization: Tailored furniture to match customer preferences.
- Affordability: Competitive pricing and installment plans.
- Speed: Same day delivery for select items.
- Sustainability: Eco-friendly materials and practices.
- Technology: AR visualization tools for Product Placement.

Step 3: Create a Data Schema

1 Products

- Product ID
- Name
- Description
- Category (e.g., sofa, bed, table)
- Price
- Dimensions

- Material
- Stock Quantity
- Customization Options
- Images

2 Customers

- Customer ID
- Name
- Email
- Phone Number
- Address
- Payment Preferences
- Order History

3 Orders

- Order ID
- Customer ID
- Product IDs (linked to products purchased)
- Order Date
- Total Amount
- Payment status (e.g., paid, pending)
- Delivery status (e.g., processing, shipped, delivered)

4 Delivery Zones

- Zone ID
- Region Name
- Delivery Fee
- Estimated Delivery Time

5 Shipments

- Shipment ID
- Order ID
- Shipping Date
- Expected Delivery Date
- Tracking Number
- Delivery status

6 Payments

- Payment ID
- Order ID
- Payment Method
- Payment Date
- Amount
- Status (e.g., success, failed)

Relationships between Entities

