

Hackathon Day 01

Step no 01 : CHOOSE YOUR MARKETPLACE.

→ Marketplace Chosen: General E-commerce.

→ Primary purpose: This platform aims to offer a seamless online shopping experience for customers looking to buy furniture.

It will showcase a variety of furniture types, ranging from sofas to tables to bedroom sets - catered to different styles and price ranges.

The goal is to make furniture shopping easy, accessible and easy hassle free, providing detailed description, high-quality images and fast-secure checkout options.

Key features:

- Wide product range.
- Search and filters.
- Detailed Product info.
- Secure Checkout.

Step no 02: Define your business goals.

What problem does your marketplace aim to solve?

Our furniture E-commerce platform aims to solve this by offering a wide range of furniture options with detailed product description images, easy to navigate categories.

A convenient way for customers to shop from home, saving time and efforts as compared to traditional furniture shopping.

Who is your target audience?

- Homeowners and Renters who needs to furnish or redecorate their homes.
- Young Professionals looking for modern and affordable furniture for small spaces.
- Families seeking durable, functional furniture.
- Interior designers who needs to source quality furniture for clients.

What products and services will you offer.

Products: Furniture; sofas, tables, chairs, beds and storage solutions.

Services : Free delivery and assembly services (furniture assembling at your place) for an added convenience.

→ What will set your marketplace apart?

- **Customization :** Size, colour, material of customer's choice
- **Affordability :** Competitive prices with regular discounts and bundle deals.
- **Customer Experience :** User-friendly interface, detailed description, 360° view of the desired product.
- **Fast Delivery :** Quick delivery between 3-5 business days.

Step no 03 : Creating a data schema.

Product

ID (Primary key)

Name

Price

Stock

Category

Tags

Order

ID (Primary key)

Customer ID

Product ID

Quantity

Order date

Status (Pending, shipped or delivered)

Total price

Customer

Customer ID (Primary key)

Name

Contact info

Address

Order History

Shipment

Shipment ID (Primary key)

Order ID

Status

Assigned driver

Delivery date

Delivery Zone

Zone ID (Primary key)

Zone name

Coverage area

Assigned driver

Relationship b/w Entities

Product (Product ID) → Order

Order (Customer ID) → Customers

Order (Order ID) → Shipment

Shipment (Zone ID) → Delivery Zone