

DAY 01: LAYING THE FOUNDATION OF MY JOURNEY

Step 01: Market Place Type

General E-Commerce, This type best suites our furniture market place as it caters to a wide range of products and allows for diverse customer needs.

Step 02: Business Goals:

i) Problem: 1- Difficulty in finding high-quality, Stylish furniture at competitive prices. 2- Inconvenience of visiting multiple physical stores to compare options. 3- Lack of transparency and trust in online furniture purchase.

ii) Target Audience: 1- Home owners and renters looking to furniture their homes. 2- Interior designers and decorators sourcing furniture for projects.

Step 03: Create a data Schema.

i- Entities:

- Products: Furniture items (e.g: Sofa, Chair, tables, beds, Cabinets)
- Orders: Purchase made by customers.
- Customers: Individuals or businesses buying furniture.
- Sellers: Furniture manufacturers, retailers or individual sellers.
- Categories: Furniture (e.g: living room, dining room)
- Reviews: Customers feedback.
- Shipping: Delivery & logistic solutions.
- Payments: Transaction details.

Date _____

ii- Relationships:

Products	Order	Customer	Sellers
ID	ID	ID	ID
name	← CustomerID	← name	← compName
Description	Order	Phone	Contact

- Product belong to category
- Product are sold by Seller
- Customer place order
- Order include Shipping details
- Order involves Payment.

iii- Key fields for entities:

- Products: ProductID, name, description, Specification, price, images, dimensions, color, sellerID, CategoryID
- Orders: OrderID, customerID, prodID, Order-Date, Status, pay-method.
- Customers: CustomerID, name, email, Phone, Address
- Sellers: SellerID, name, contact, Store-info
- Category: CategoryID, name, description

Step 04: Keep it Simple and Comprehensive:

This Schema provides a basic framework. you can expand it further with fields like review, ratings, inventory management & more.

Step 05: Test your Schema:

Review the Schema to ensure it aligns with core functionalities. Consider how data will be used for search, filtering recommendations, inventory management and customer Support.