Target audience:

-> Luxury Buyers: High-end, Customized furniture Lover

-> Eco-Conscious: Sustainable and eco-friendly furniture-seeker

-> Young Millennials: Compact, modern, space-saving designs.

-> Businesses: Office furniture to startup and Corporates.

Product & services I offer:

Product:

Services:

#	Product	Services
1	Residential furniture	Free Delivery Setup
2	Office furniture	Furniture Customization
3	Custom furniture	Installation Services
4	Home Décor	Return and exchange Policy
5	Outdoor furniture	Online Consultation

Unique selling Point of My furniture Market Place:

1. Affordability: Competitive Pricing and discount
2. Customization: Tailored furniture desing
3. Speed: Fast delivery and order Processing
4. Quality: Premium and durable products.
5. Customer Support: 24/7 assistance and easy returns.

Step · 03: focus on key fields for each entity

Products:
ID
Name
Price
Stock, category, tags

Orders:
Order ID, customer Info, (Name, contact, Address) Product Details
(list of Products), Status, Time stamp

Customers:
Customer ID, Name, Contact Info, Address, Order history

Delivery Zones:
Zone Name, Coverage Area (Postal code or cities), Assigned Drivers.

Explaination of the schema

Product:
Added fields for customization option sustainability Scure, and manfacture, include Array for material and unique

Product Variant:
Allows for different variation of product (eg. color size)

Category:
Hierarchical structure for organizing product

Manufacturer:
Information about furniture suppliess.

Customer:
expanded to include more detailed information & multiple addresses.

Order and Order -Item
Inhanced with additional fields for a more comprehensive order

Reviews:
Allow customers to leave product reviews and returns

Delivery Zone & Delivery:
More detailed delivery menu - gemant System

Driver:
Information about delivery personal, includiy Skill

Promotion
Manages discount and pre-motional offers.

Relation Between Entities:

A customer: Can place multiple Offers (one-to-many)

An Order: Contain multiple Orders-Items

A - Product: Can be included in multiple Order-Item

A Delivery Zone: Covers multiple Delivery

A Driver: Can be assinged to multiple deliverys

Data Schema

Product

Type	Field
String	ID
String	Name
String	Category
Number	Base-Price
String	Description
String	Material
Number	Ordinary-Stock
String	Image

Customer

Type	Field
String	first-Name
String	last-Name
String	Email
Num	Phone
String	Shipping Adres
String	Billing Process
String	Billing-Addres
Num	Registation Date

Product-Varity

Type	Field
String	ID
String	Product-ID
Num	Price
Num	Stock

Category

Type	Field
String	ID
String	Name
Str	Parent

Manufacture

Type	Field
String	ID
String	Name
String	Description
Num	Rating

Review

Type	Field
String	ID
String	Product-ID
String	Customer ID
Num	Rating
String	Comment
Date	Review Date
Num	Helpfes
Vote	

Order

Type	Field
Str	ID
String	Customer ID
Date	Order-Date
Num	Total-Amo
String	Status
String	Payment M
String	Shipment-Ad
String	Billing addre

Shipment

Field
Shipment ID
Order ID
Status
Delivery-Date

Deliver-Zone

Type	Field
String	ID
String	Name
String	Delivery Fee

Driver

Type	Field
String	ID
String	Name
Num	Phone
Num	Rating

Order-Item

String	ID
String	Order-ID
String	Product-ID
Num	Quantity
Num	Unit-Price
String	Customization-Detail

Promotion

String	ID
String	Code
Num	Discount-Amount
String	Discount-Type
Date	Start-Date

Delivery

String	ID
String	Order-ID
String	Zone-ID
String	Status
Num	Delivery-Fee

Hackathon Day-1 Task

Step 01: Market place type:

type: General E-COMMERCE.

Primary Purpose: Sell customizable and reddy-made furniture to Urban households, offices, and event planner in Our Country Pakisan.

Benifits	focused
Wider Range/Reach	Customer Variety
Brand-authority	Scalable Growth
Customer-Trust	Trust Building
Scalability	Cost Efficiency

Step 02: Business Goals

Aim to solve:-
→ Limited choices: Offering a wide Variety of furnitu
→ Accessibility issues: Provides easy online access to furniture any
→ Lack of Variety: Provide diverse furniture Option in one place
→ Delivery challanges: Ensure smooth logistics delivery & retu

Policies.