

# Day 8 of

## Market Place - Builder - Hackathon :-

### Step : 01

- E-commerce website
- Sofa website

### Step : 02

#### My Business Goals :-

- Increase sales and revenue.
- Increase brand awareness.
- Improve customer satisfaction.
- Improve website traffic and engagement
- Reduce operational costs.
- Target audience are only residential people of Karachi.

### Target Audience :-

#### (i) Homeowners and Renters :-

Individuals or families looking to furnish or upgrade their living spaces.

#### (ii) New Movers :-

People who are relocating and need furniture for their new home.

(iii) Young Professionals :-

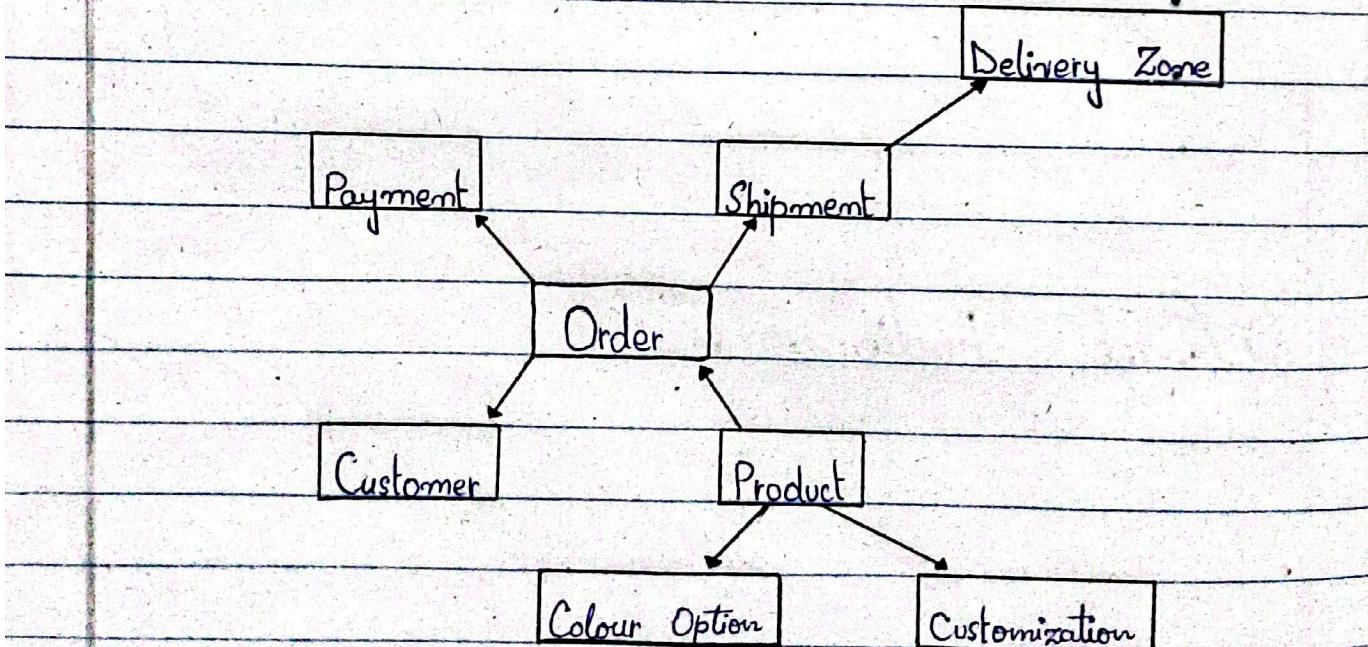
This group often seeks modern, stylish, and functional sofas that fit their apartments or homes.

(iv) Interior Designers / Contractors :-

They might purchase in bulk or recommend specific sofa brands to clients.

(v) First-time Homebuyers :-

People investing in their first home often need to purchase larger furniture items like sofas.



Step : 03

### Data Schema

#### Entity Construction :-

Customer - id	integer
First - name	String
Last - name	String
Email	String
Password	String
Address	String
Phone - Number	String

- Cart and wishlist are dependent of customer.
- cart includes each product added to the shopping cart and the quantity of the product.

#### Cart :-

cart - id	integer
quantity	integer

#### Wishlist :-

wishlist - id	integer
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#### Category :-

Category - id	integer
name	String

### Product :-

Product - id	integer
SKU	String
Description	String
Price	decimal
Stock	integer

### Order - Item :-

Order - Item - id	integer
quantity	integer
Price	decimal

### Payment :-

Payment - id	integer
Payment - date	date
Payment - method	String
Amount	decimal

### Shipment :-

Shipment - id	integer
Shipment - date	date
address	String
city	String
state	String
country	String
Zip - code	String

Once we have added the attributes to the entities,  
the logical model will be complete.