

# General E-Commerce

“LuxeSeaters”

Owner: "Syed Hamail"

# Day 01

## Step 01: Choose your Marketplace

"General E-Commerce"

Name: "Luxe Seaters"

- Document your choice and describe its ~~key~~ primary purpose.

Luxe Seaters is a general e-commerce website focused on selling chairs and sofas. Its primary purpose is to provide customers with a wide range of premium seating options, offering convenience and comfort with modern designs and competitive pricing. The platform aims to create a seamless shopping experience for users looking to enhance their living spaces with high-quality furniture.

## Step 02: Define your Business Goals

- What problems does your marketplace aims to solve?

LuxeSeaters solves the problem of high-quality, stylish, and comfortable chairs and sofas online. Many customers struggle with limited variety, unclear product details, and unreliable sellers. Our marketplace ensures a seamless shopping experience with verified products, detailed specifications, and a user-friendly interface.

- Who is your target audience?

LuxeSeaters target homeowners, interior designers, and businesses looking for stylish, high-quality chairs and sofas. Our audience includes those seeking comfort, durability, and modern aesthetics for their homes, offices, and commercial spaces.



- What products or services will you offer?

LuxeSeaters offers a variety of premium chairs and sofas, including recliners, office chairs, lounge chairs, sectional sofas, and more. We focus on high-quality, stylish, and comfortable seating solution for homes and businesses.

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

LuxeSeaters stands out with premium quality, unique designs, and customization options. Customers can personalize fabric, color, and size to match their style. We ensure trusted sellers, detailed product insights, and a seamless shopping experience.

## Step 03: Create a Data Schema

1. Identify the Entities in your Marketplace.

Products	Orders
Product Id	Order Id
Name	Customer Id
Category	Product Id
Price	Total Amount
Description	Status
Images	Order Date
Rating	Shipping Address
Featured	
Discount	Customers
stock	Customer Id
	Full Name
	Email
	Phone No.
	Address
	Order History

## Delivery Zones

Zone Id  
Zone Name  
Shipping Cost  
Delivery Time

## Payments

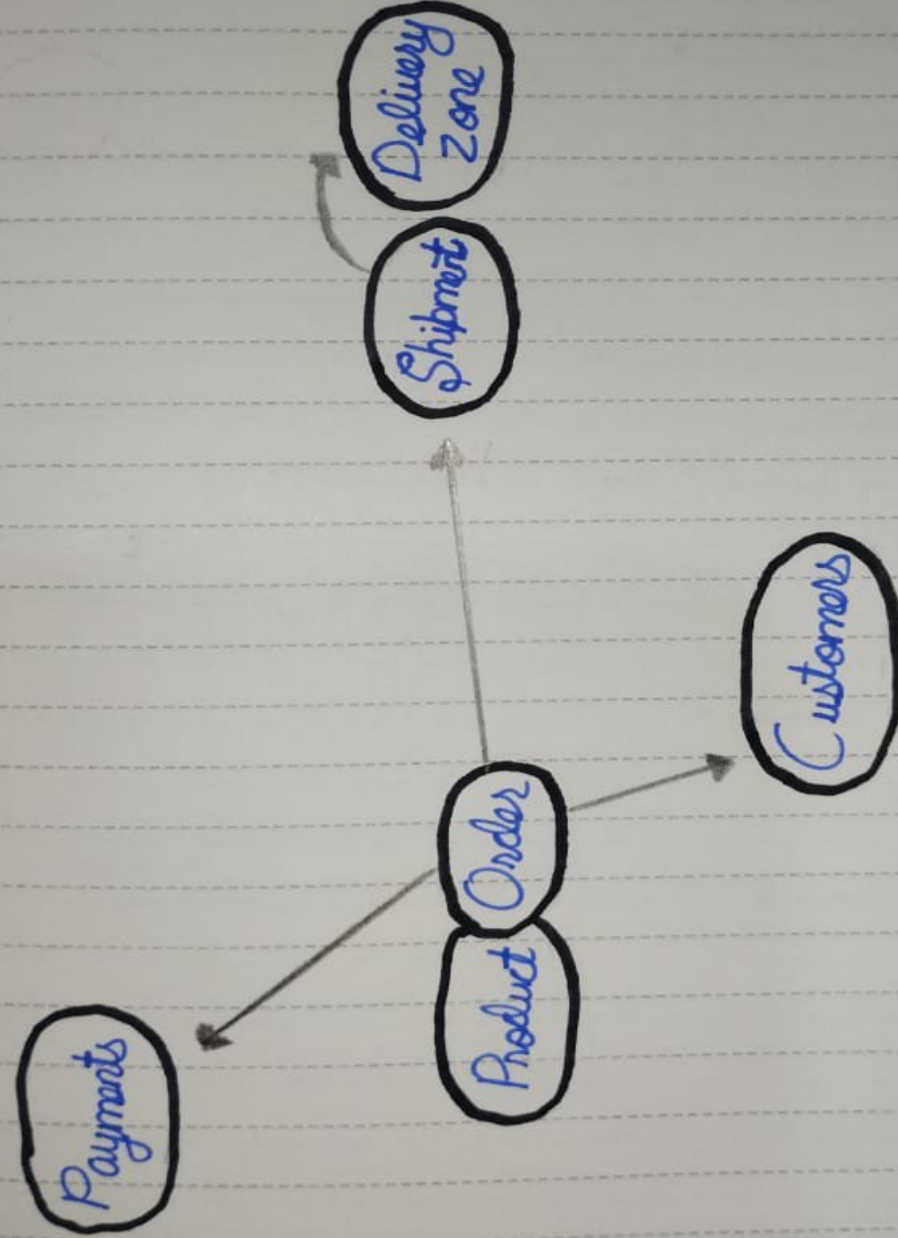
Payment Id  
Order Id  
Payment Method  
Payment Status  
Payment Amount  
Payment Date

## Shipments

Shipment Id  
Order Id  
tracking Number  
Shipment Status  
Delivery Date



## 2. Draw Relationships Between Entities.



### 3. Focus on Key Fields for Each Entity.

#### 1) Products:

ID: Unique identifier for each product.

Name: Name of the product.

Price: Cost per unit.

Stock: Quantity available.

Category: Classification of the product  
(e.g., Chairs, Sofas).

Tags: Keywords for search (e.g., "New Arrival",  
"Best Seller").

#### 2) Orders:

Order ID: Unique identifier for each order.

Customer Info: Name, contact details, and address.

Product Details: List of products, quantities, and prices.

Status: Order status (e.g., Pending, Shipped, Delivered).

Timestamp: Date and time of order placement.



### 3) Customers:

Customer ID: Unique identifier.

Name: Full name of the customer.

Contact Info: Phone number and email address.

Address: Delivery address.

Order History: Past orders placed by the customers.

### 4) Delivery Zones:

Zone Name: Name or identifier of the delivery zone.

Coverage Area: List of postal codes or cities served.

Assigned Drivers: Details of drivers or couriers.

## 5) Shipment:

Shipment ID: Unique identifier for tracking.

Order ID: Linked order.

Status: Current Status (e.g., In Transit, Delivered)

Delivery Date: Expected or actual delivery date.

## 6) Payments:

Payment ID: Unique identifier for each payment.

Order ID: Linked order.

Payment Method: (e.g., Credit Card, Stripe, Cash on Delivery)

Payment Status: (e.g., Pending, Completed, Failed).

Payment Amount: Total amount paid

Payment Date: Date and time of the payment.

# **Hackathon 03**

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## **Day 01**

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## **Completed**

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