### **+HACKATHON (DAY-1)**

### Step 1: Choose Your Marketplace Type

**Choice:** **General E-Commerce.**  
**Primary Purpose:**  
The platform focuses on selling chairs (wooden, plastic, steel) with a wide variety of styles, designs, and purposes (e.g., dining, office, outdoor). It caters specifically to customers looking for quality and durable chairs.

### Step 2: Define Your Business Goals:

#### 1. What Problem Does Your Marketplace Aim to Solve?

Customers often struggle to find high-quality chairs that match their specific needs, whether it's for home, office, or outdoor use. Our marketplace solves this problem by offering a specialized collection of chairs with detailed descriptions, customizable options, and affordable prices and range of products according to their desire.

#### 2. Who Is Your Target Audience?

Our target audience includes:

* Homeowners looking to furnish their living spaces and wanna sitting arrangement in their gardens.
* Office managers seeking comfort chairs for employees
* Event planners needing durable chairs for gatherings.
* Hospitality businesses like cafes or restaurants aiming for stylish seating.

#### 3. What Products or Services Will You Offer?

* **Products:** A curated selection of chairs:
  + Wooden chairs for home and dining.
  + Plastic chairs for outdoor use.
  + Steel chairs for durability in commercial spaces.
* **Services:**
  + Customization (e.g., color, material, size).
  + Delivery and assembly services.

#### 4. What Will Set Your Marketplace Apart?

* **Customization:** Allow customers to personalize chairs based on their preferences.
* **Affordability:** Offer competitive pricing with discounts for bulk purchases.
* **Quality:** Ensure all chairs meet high durability and comfort standards.
* **Customer Support:** Provide a seamless buying experience with responsive customer service.
* **Money Back Guaranty:** We offer Money Back guaranty if you not satisfied with product within three days without any deduction.

### Step 3: Create a Data Schema

#### 1. Entities in the Marketplace

* **Products**: Details of chairs available for sale.
* **Orders**: Transactions between customers and the marketplace.
* **Customers**: Individuals or businesses purchasing chairs.
* **Delivery Zones**: Areas where delivery services are available.
* **Shipment**: Tracks the movement of orders.
* **Payments**: Manages transactions and statuses.

#### 2. Relationships Between Entities

[Product]

- ID

- Name

- Price

- Stock

- Category

- Tags

|

|

[Order] ---------> [Customer]

- Order ID - Customer ID

- Product ID - Name

- Quantity - Contact Info

| - Address

| - Order History

[Shipment] <------- [Delivery Zone]

- Shipment ID - Zone Name

- Order ID - Coverage Area

- Status - Assigned Driver

#### 3. Key Fields for Each Entity

**Products:**

* **ID**: Unique identifier.
* **Name**: Chair type (e.g., Wooden Dining Chair).
* **Price**: Cost per chair.
* **Stock**: Quantity available.
* **Category**: Wooden, plastic, steel.
* **Tags**: Keywords like "durable," "outdoor."

**Orders:**

* **Order ID**: Unique identifier.
* **Customer Info**: Name, contact, and address.
* **Product Details**: List of chairs, quantities, and prices.
* **Status**: Pending, shipped, delivered.
* **Timestamp**: Date and time of order.

**Customers:**

* **Customer ID**: Unique identifier.
* **Name**: Customer's full name.
* **Contact Info**: Email and phone number.
* **Address**: Delivery address.
* **Order History**: Previous purchases.

**Delivery Zones:**

* **Zone Name**: Identifier for the area.
* **Coverage Area**: Cities or postal codes served.
* **Assigned Drivers**: Couriers available in the area.

**Shipment:**

* **Shipment ID**: Unique tracking ID.
* **Order ID**: Linked order.
* **Status**: In transit, delivered.
* **Delivery Date**: Expected delivery date.

### Summary

Your marketplace for chairs will be a **General E-Commerce** that focuses on providing specialized, high-quality chairs with options for customization, affordability, and excellent customer service. The proposed schema and goals align with our marketplace's vision, ensuring streamlined operations and a seamless customer experience.