Hackathon 3

Day 1 Task:

Laying Foundation for Marketplace Journey

Marketplace Type: "E-Commerce"

Primary Purpose: To provide trendy, stylish, and customizable furniture catering to customers' needs and choices.

Define Business Goals

Q1: What problem does your marketplace aim to solve?

It aims to provide high-quality, trendy, and customizable furniture options to customers, making it easier to access stylish and comfortable home décor online.

Q2: Who is your target audience?

Homeowners, interior designers, and furniture enthusiasts looking for modern and customer-demanded furniture for their homes or outdoor spaces.

Q3: What products or services do you offer?

- Sofas (e.g., single, three-seater, comfy, trendy designs)
- Dining tables with dining chairs
- Coffee tables, side tables, and round tables
- Outdoor bar tables and outdoor sofa sets
- Bella chairs and comfy sofa sets
- Customer-demanded furniture in stylish and trendy designs

Q4: What will set your marketplace apart?

- **Speed**: Fast shipping and order processing
- **Affordability**: Competitive pricing for premium furniture
- **Customization**: Wide variety of designs and options tailored to customer needs

Data Schema

Products

- **ID**: Unique identifier for each product
- **Name**: Product name (e.g., comfy sofa, coffee table)
- **Price**: Price of the product
- **Stock**: Quantity available
- **Category**: Product category (e.g., sofa, table)
- **Tags**: Keywords for search and filtering (e.g., trendy, comfy, outdoor)

Orders

- **Order ID**: Unique identifier for each order
- **Customer Info**: Customer details (linked to Customer entity)
- **Product Details**: List of ordered products
- **Status**: Current order status (e.g., pending, shipped, delivered)
- **Timestamp**: Date and time of the order

Customers

- **Customer ID**: Unique identifier for customers
- **Name**: Full name of the customer
- **Contact**: Phone number and email
- **Order History**: List of previous orders

Delivery Zone

- **Zone Name**: Name of the delivery zone (e.g., North, Central)
- **Coverage Area**: Cities or regions covered in this zone
- **Assigned Drivers**: Drivers responsible for deliveries

Shipment

- **Shipment ID**: Unique identifier for each shipment
- **Order ID**: Linked to the corresponding order
- **Status**: Shipment status (e.g., in transit, delivered)
- **Delivery Date**: Estimated or actual delivery date

Payments

- **Payment ID**: Unique identifier for each payment
- **Order ID**: Linked to the corresponding order
- **Amount**: Total payment amount
- **Method**: Payment method (e.g., credit card, PayPal)
- **Status**: Payment status (e.g., successful, failed)

"Entity Relationship Diagram"