Marketplace Documentation - Ali's Store

Step 1: Choose Your Marketplace Type

- **Marketplace Type**: General E-Commerce
- **Purpose**: A dropshipping platform for selling products like perfumes, shirts, pants, clothes, and devices.
- **Model**: No inventory; suppliers will fulfill orders directly.

Step 2: Define Your Business Goals

1. **Problem Solved**:
    - Provide a centralized platform for multiple wholesalers and local sellers to collaborate and sell their products online.
    - Offer discounted rates, online delivery, and quick delivery services.
2. **Target Audience**:
    - Customers seeking discounted rates.
    - Customers who prefer online shopping with quick delivery.
3. **Products/Services**:
    - Perfumes, shirts, pants, clothes, and devices.
4. **Unique Selling Points**:
    - Discounted pricing.
    - Quick delivery options.
    - Collaboration with local sellers and wholesalers.

Step 3: Create a Data Schema

1. Products Table


```
{
  "createdAt": "2025-01-16T04:18:41.390Z",
  "name": "T-shirt with Tape Details",
  "description": "A stylish and comfortable t-shirt with unique tape details for everyday use.",
  "price": 120,
  "tags": ["t-shirt", "casual", "tape details"],
  "sizes": ["Small", "Medium", "Large", "X-Large"],
  "rating": 4.5,
  "stock_quantity": 100,
  "image": "http://localhost:3000/images/black-shirt.png",
  "discount": 10,
  "before_discount": 133,
  "product_colors": ["Black", "White", "Red"],
  "dress_style": "Casual",
  "id": "1"
}
```


2. Orders Table


```
{
  "order_id": "ORD12345",
  "customer_id": "CUST67890",
  "product_ids": ["1", "2", "3"],
  "quantities": [2, 1, 3],
  "total_amount": 450,
  "order_status": "Pending",
  "payment_status": "Paid",
  "shipping_address": "123 Main St, City, Country",
  "created_at": "2025-01-16T04:18:41.390Z",
  "updated_at": "2025-01-16T04:18:41.390Z"
}
```


3. Customers Table

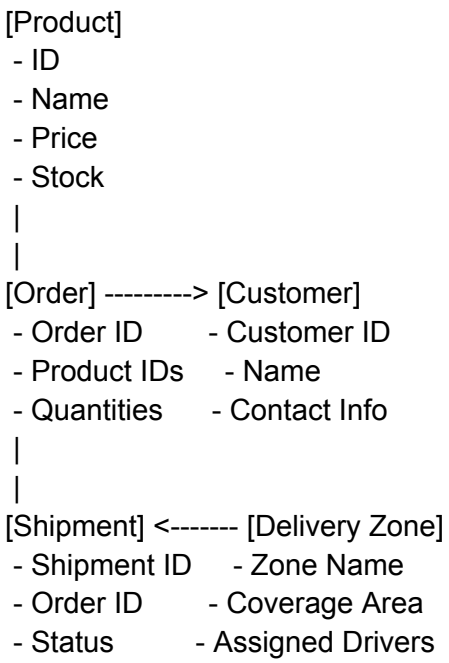

```
{
  "customer_id": "CUST67890",
  "name": "John Doe",
  "email": "johndoe@example.com",
  "phone": "+1234567890",
```

```
  "address": "123 Main St, City, Country",
  "order_history": ["ORD12345", "ORD12346"],
  "created_at": "2025-01-16T04:18:41.390Z"
}
```


5. Shipment Table (if Iwant in this hackathon)


```
{
  "shipment_id": "SHIP12345",
  "order_id": "ORD12345",
  "status": "In Transit",
  "delivery_date": "2025-01-17T04:18:41.390Z",
  "driver_id": "DRIVER1",
  "tracking_url": "http://tracking.example.com/SHIP12345"
}
```


Step 4: Relationship Diagram



Key Fields for Each Entity

1. **Product**:
    - ID, Name, Price, Stock, Tags, Sizes, Rating, Image, Discount, Colors.
2. **Order**:
    - Order ID, Customer ID, Product IDs, Quantities, Total Amount, Order Status, Payment Status, Shipping Address.
3. **Customer**:
    - Customer ID, Name, Email, Phone, Address, Order History.
4. **Delivery Zone**:
    - Zone ID, Zone Name, Coverage Area, Assigned Drivers, Delivery Time.
5. **Shipment**:
    - Shipment ID, Order ID, Status, Delivery Date, Driver ID, Tracking URL.