

Day: 1

Hackathon Challenge

Step: 1

=> Selected Marketplace Type;

General E-Commerce.

=> Primary Purpose;

To create a platform that offers a wide range of products across multiple categories, catering to a broad audience. This type of marketplace aims to provide convenience and variety for customers, making it a one-stop shop for their needs.

Step: 2

=> Business Goal;

1. Problem Solved;

Offers a convenient platform to buy a variety of products, saving time and efforts.

2. Target Audience;

Families, professionals, and students seeking affordable and reliable online shopping.

3. Product / Services;

Electronics, clothing, household items, groceries etc.

4. What sets it apart;

Speed: times delivery.

Affordability: Competitive price & discounts.

Customization: Personalized product recommendation.

Step : 3

⇒ General E-Commerce Data Schema;

i. Entities;

i-Products;

ID, Name, Price, Stock, Category & Tags.

ii - Orders;

ID, Customer info, Product details, Status, & Timestamp.

iii - Customers;

ID, Name, Contact info, Address & Order history.

iv - Delivery Zone;

Name, Coverage Area & Assigned deliverers.

v - Shipment;

ID, linked order, Status & Delivery Date.

- i- Products → Orders; Product linked to order.
- ii- Order → Customers; Order linked to Customer.
- iii- Order → Deliver Zone → Shipment; Track delivery Date.

3- Key field;

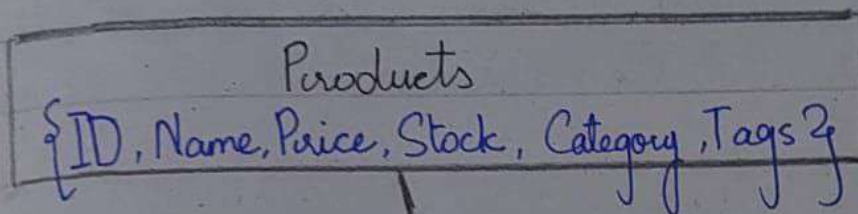
Focus on capturing IDs and attributes.

4- Simplification;

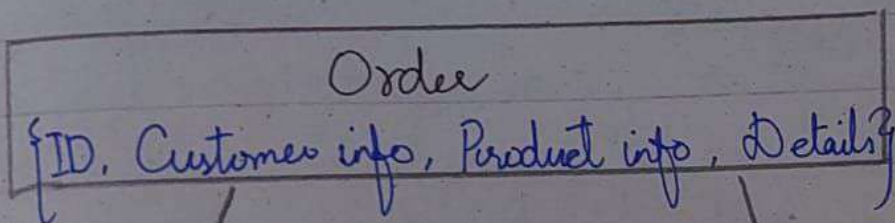
Keep the schema minimal, flexible and focused on functionality.

5- Testing:

Validate operation like inventory management, order tracking, and customer engagement.

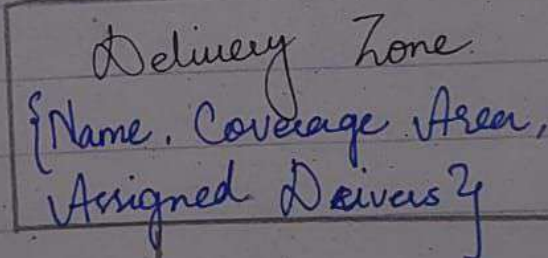
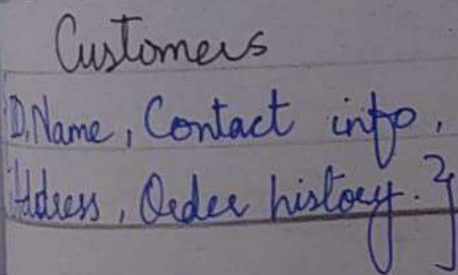


Contains



Placed by

Shipped by



Tracks

