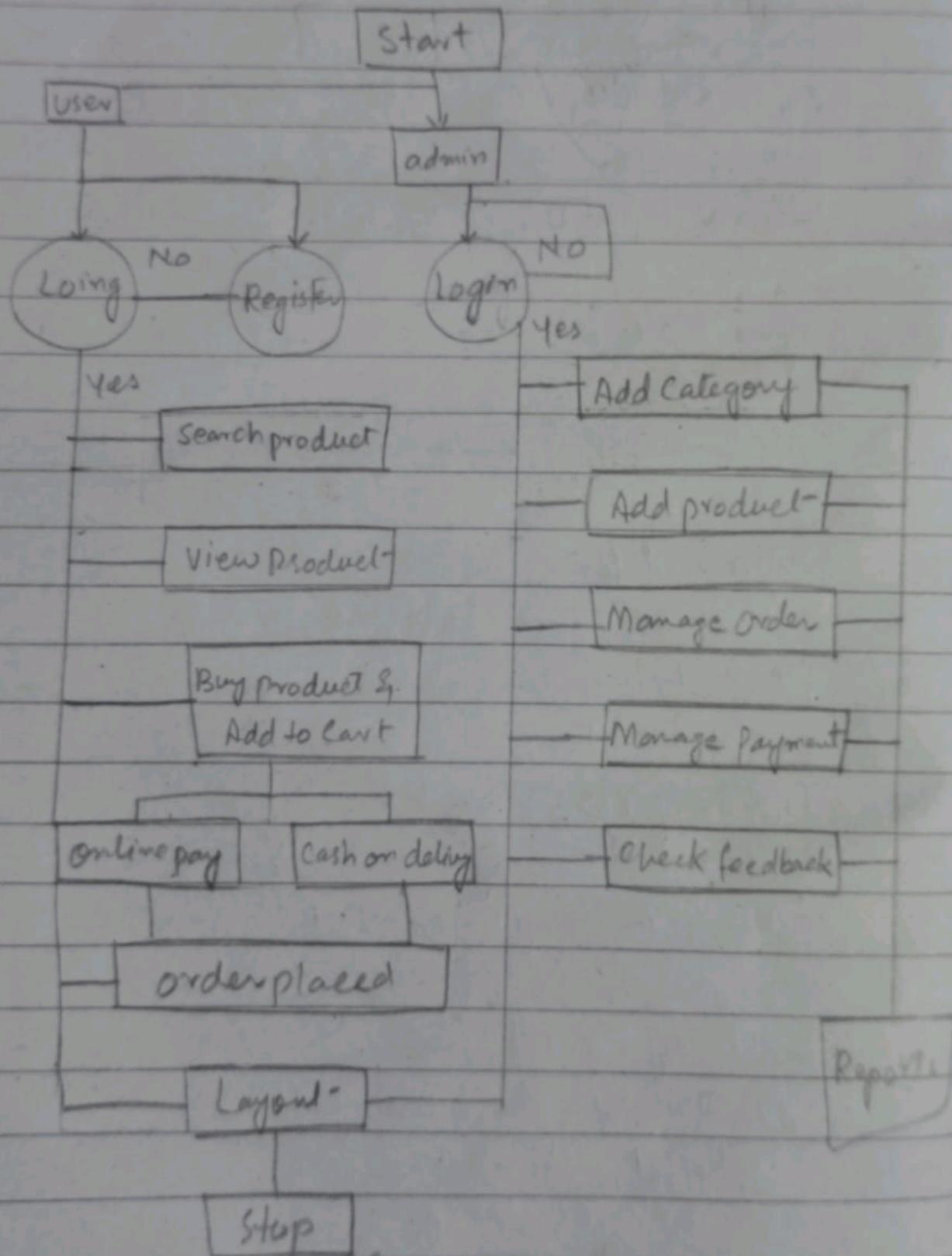


① Flowchart



01-25

-01-

Hackathon-3

Day 2:

Planning the Technical Foundation:-

Planning the Technical foundation is the process of designing the core technological structure and system required for an e-commerce marketplace. Ensure integration of system for performance, security, and scalability.

:- "Marketplace Technical foundation."

"[Fashionista-e-commerce]"

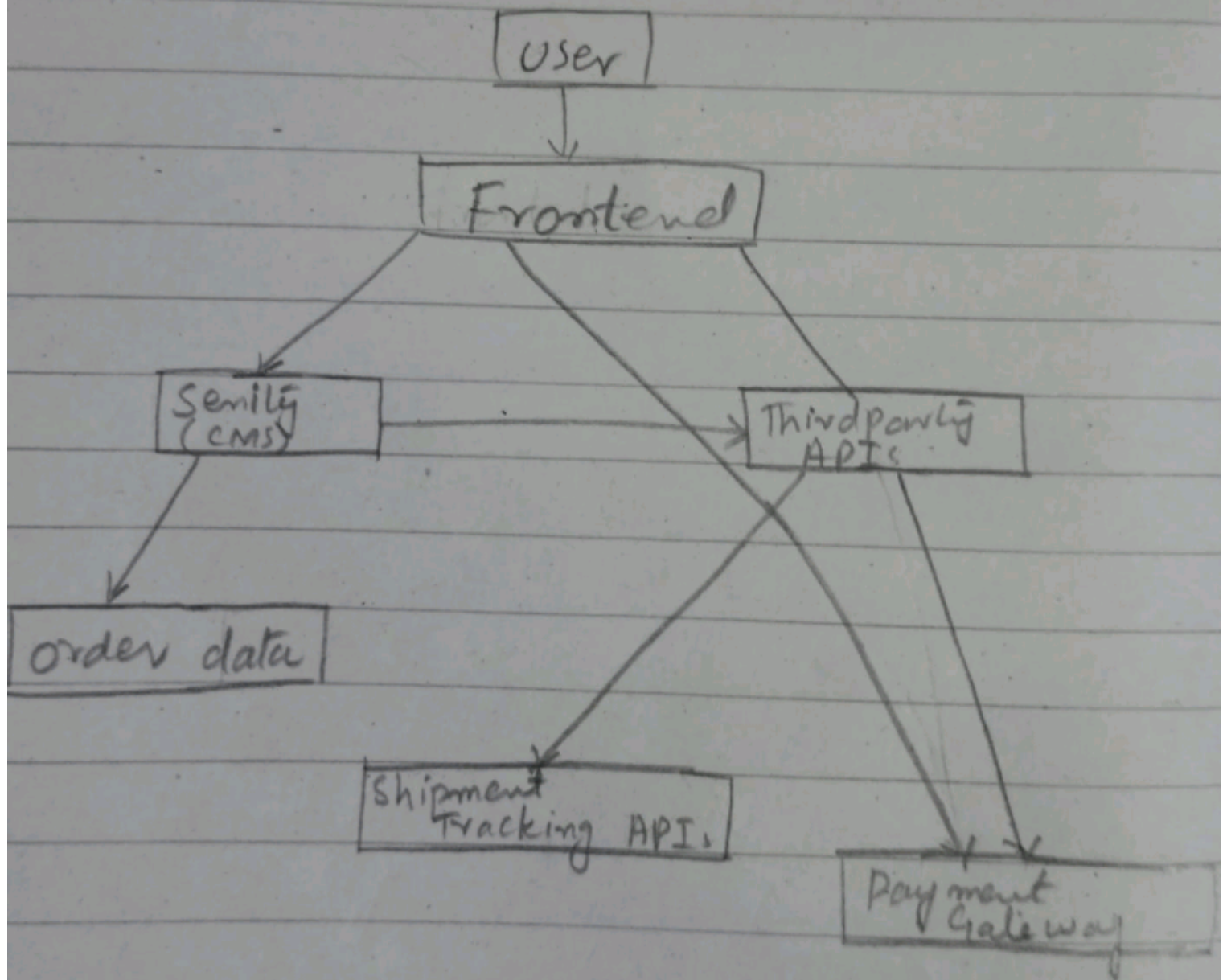
My documents describes the user journey flow for an e-commerce marketplace by outlining the steps-by-step in interactions a user experiences on the platform.

Frontend Requirements:

Flowchart Overview:

Homepage.

Planning Technical Foundation



② Design System Architecture:

- System Architecture Overview

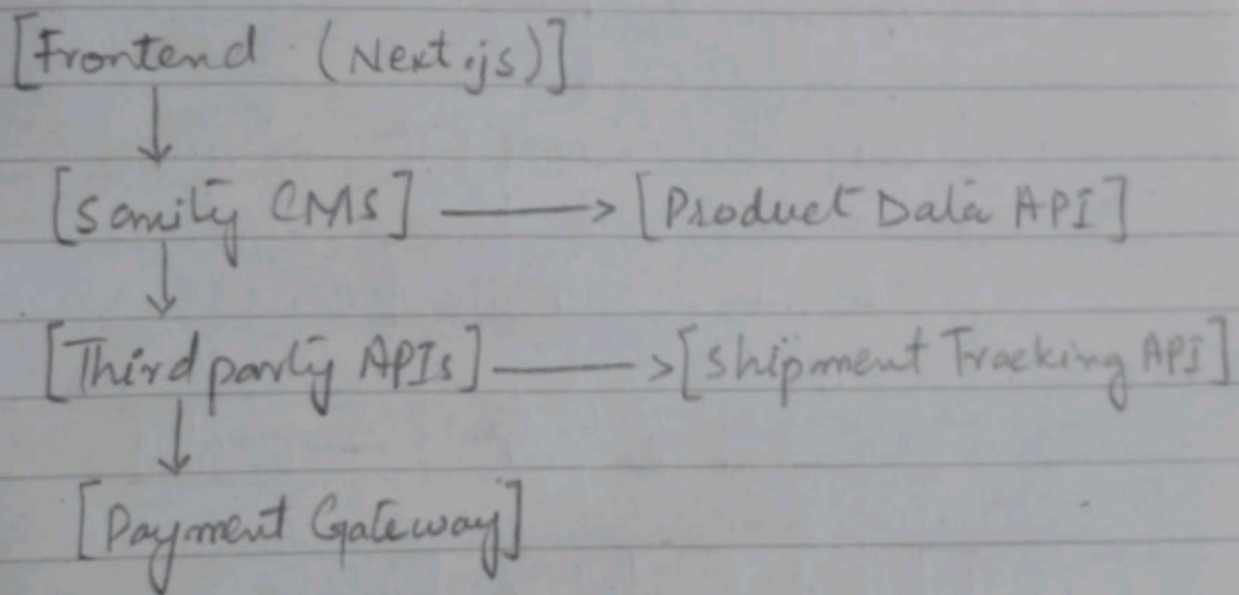
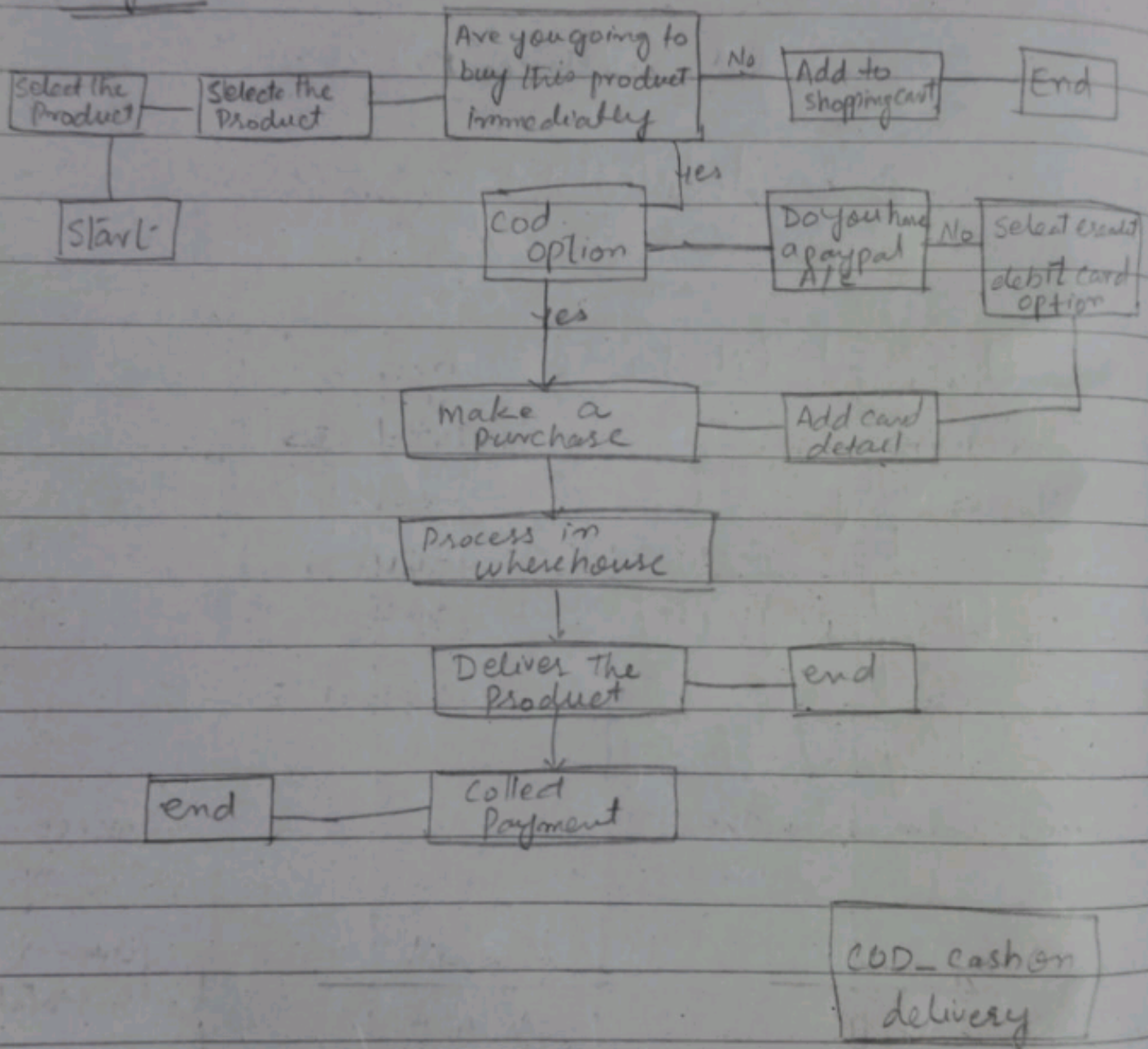


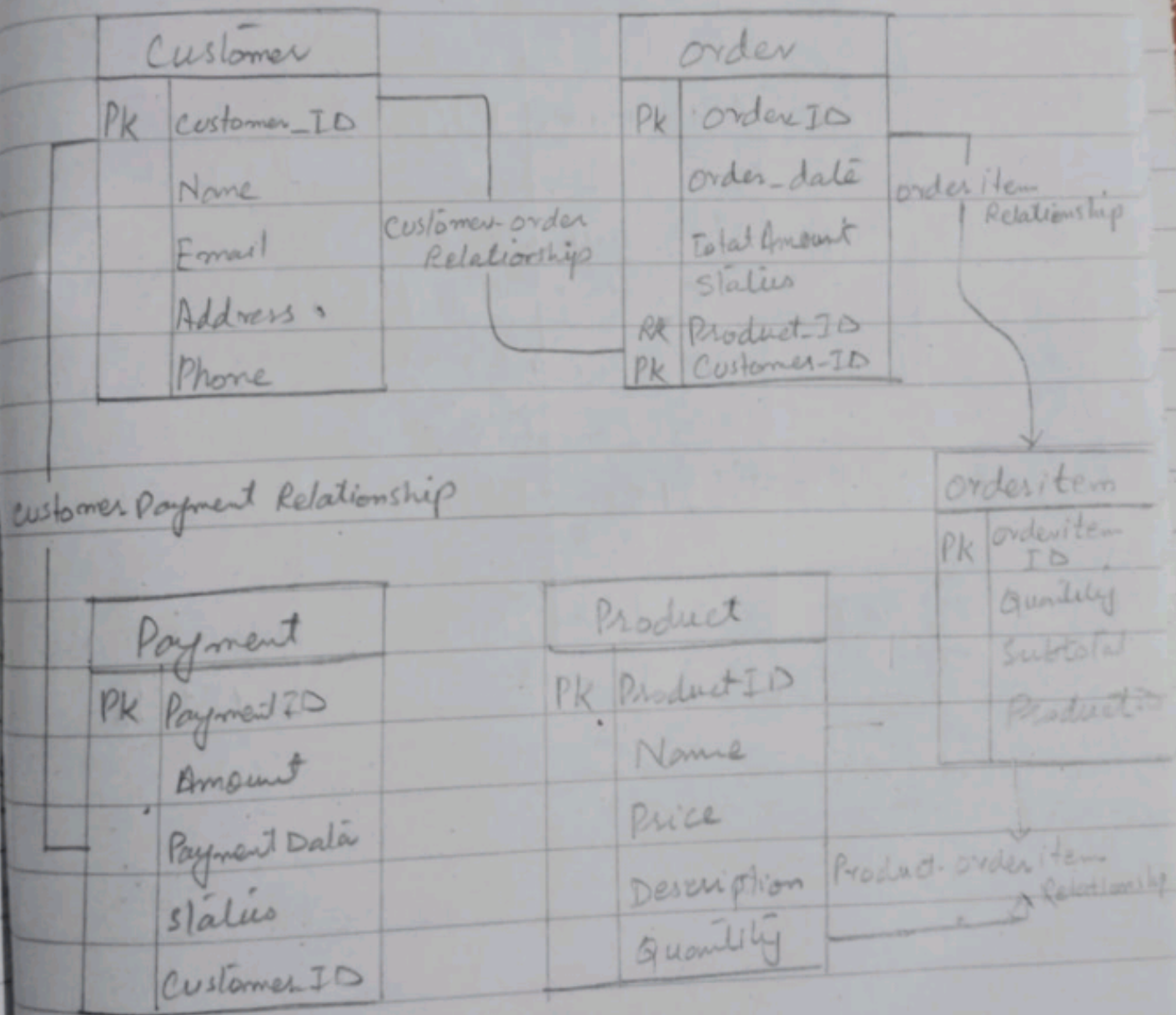
Diagram :



[Diagram System Architectur]

Ecommerce Requirement:

- ER Diagram Sample for Ecommerce project.



API Endpoints .x/sx

Endpoint	Method	Description	Parameter	Response Example
/api/clothes	GET	Fetch all clothes items	None	{id: 1, name: "Maxi"}
/api/clothes/ id	GET	Fetch a Single Item	Id (Path)	{id: 1, name: "skirt"}
/api/clothes	POST	Add a new clothes items	name: Price, category (Body)	{Success: true, id: 5}
/api/clothes/ id	PUT	Update a clothes item	id (Path), name, Price (Body)	{Success: true}
/api/clothes/ id	DELETE	Delete a clothes items	Id (Path)	{Success: true}
/api/category/ id	GET	Fetch all clothes category	None	{categories: ["shirt"]}

Plan API Requirement,

General Ecommerce Marketplace:

1- Endpoint /Product-

- Method: GET
- Description: Select the item.
- Response:

{

 "Product Name": "Maxi/frock",

 "Quantity": 1,

 "Price": 5000,

 "Color": "Black/blue/white",

 "Size": S, M, L,

}

2- Endpoint /order

Method: GET

Description: create a new order.

Response:

{

 "Product ID": "Maxi/frock",

 "Quantity": 1,

 "Total Amount": 5000,

 "Order Date": 17-01-2025

}

3- Endpoint /shipment

Method: GET

Description: Track shipment status for order

Response

```
{  
  "Id": "ship - 10",  
  "order": {  
    "Id": "order - 10",  
    "Total Amount": 5000,  
    "trackingnumber": "track - 10",  
    "Status": "in Transit",  
    "Estimated delivery": "21-01-2025"  
  }  
}
```

- Technical Documentation:

