Flowchart Start Usen admin No Loing Login Register Yes Yes Add Category Search product Add product View Product Manage Order Buy product & Add to Cart Manage Payme Online pay cash on deliny Week feedback orderplaced Layout-Stop

-01-01-25 Hackathon-3 Day 2: Planning the Technical foundation: Planning the Technical goundation is the process of designing the lose technological Structure and Eystern réquired por an e-commerce markelplace Security, and Scalability. Markelplace Technical foundation! [fashionista-ecomoree] My documents decrebes the user journey from por an e- Commerce market place by outlining the sleps by slep in interactions a user Experiences on the platform. Frontend Requirements: Flowchart overview; Home page.

Planning Technical Soundation User rontend Senily (cms) Thirdporty order data Shipment Tracking API.

## Ecommerce Requirement:

- ER Diagram Sample for Ecommerce project:

(	Customer		order			
PK	customer_ID	100	Pk	orderIs		
	Name			order-date	order item.	
	Formail	Customer-order Relationship		Total Amount	Relationsh	
	Address >		RK	Status Product-10		
	Phone		IPK	Customer-ID		
mes 0	agment Relation	mship			orderiten	
,					PK orderite	
T	agment	T P	rod	uet	Quality	
	Med mount			THE RESERVE THE PARTY OF THE PA	Subtol	

Payment Product Quantity

Pk Payment TD

Pk Product ID

Pk Product ID

Product Subtotal

Pk Product ID

Product Subtotal

Product ID

Product Subtotal

Product ID

Product Subtotal

Product ID

Product Subtotal

Product ID

Product ID

Quantity

Customer ID

Quantity

## API Exploints.x/sx

Endpoint	Method	Description	Parameter	Response Example
Vapi / clothes		Fatch all clothe	None	{id: 1 . nome:
1		items		+ maxi'3
1api/cloThes	GET	Fetch a Single	Id (Path)	§ id . 2. none:
id		Fetch a Single	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	*skirt" }
lapi / clother	600 1	Adda new	none: Price,	{success: trues
info to and		Clothes Hens	category (Bady)	id:5 }
Api/clothes/	PUT	update a	id (Path), none,	{Success: true}
Api/clothes/		elother item	Price (Body)	
poilclother	DELETE	Delete a		{Successativus
apifclother)		clother items		
apileatean	GET	Fetch all clothes	None.	Ecategories.
api/category	A 17 3 4 19	category		["shirt"]3

-10-
- Plan API Requirement.
- General Ecommerce Marketplace.
The state of the s
1- Endpoint / Product-
· Method: GET
· Description: Select the Herrica
· Rosponse:
2
"Product Nome": "Maxilfrock",
'Quantily: 1.
Price: 5000,
"Color: Black Iblue   white".
"Size": S, M, L,
3
2- Endpoint/order
Method: GET.
Description: create a new order.
Response:
Product ID: "Maxi/frock",
o Au artily". 2,
A 1-1 A
Total Amount.  Total

3- Endpoint/Shipment Method: GET Description: Track Shipment status for order Response " Id": "Ship - 10", "order": { " Id " . order\_10", "Total Amount": 50001 "trackingnumber": track - 10", " Stalus": in Transit, " Estimated delivery": 21-01-2025