Marketplace Hackathon Say # 2 Define Technical Requirements (2) Frontend: \* PAGES: · Home: display feathered products
· product listing: show all products with
sorting and fittering options
· Product details: Detailed view of a product With reviews and ratings.
Cart: Items added to the cart for punchase · Checkout: Finalize orders with payment Order confirmation: Show order summary with tracking information. \* DE SIGN: · User-friendly and responsive for mobile/desktop. · Real-time updates (e.g. reviews or stock changes)

(2) Sanity CMS (Backend): Purpose: Manage:

· Products (e.g.: name, pine, stock)

· Customers (e.g.: names, addresses)

· Orders (e.g.: items purchased, order status) 3 Third-Party APIs:

· payment Cateway: Handle secure transaction

· Shipment Tracking: Provide real-time delivery

updates.

System Architecture Design
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D'Flow Diagram:
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* Frontend: usee interacts with UI  (brouse products, add to cart)  * Sanity CMS: Data with Ille
* (a it Case of products, add to cart)
Sandy (NIS: Data fetched/stored via
* Sanity CMS: Data fetched/stored via  APIs for products, orders, and  Cust omess.  * Third-Party APIc:
* Third-Party Ant
Shipment touch
- Dayment arterior by coses
* Third-Party APIs:  Shipment tracking tetched for users:  Payment gateway for secure transaction  Byorkflow Examples:
User Browsing:
User Browsing: User -> Frontend -> Product API -> Display Products  Order Marcement:
et puit in ant.
User -> Frontend -> Create Order API
Shipment Updates:
leser -> Frontend -> Shipment API -> Real-time update

## API Requiments

D'Fetch All Products: Endpoint:/products Method: GET Response:

{"id": 1, "name": "Laptop", "price": 500}

2) Create Order: Endpoint: forders Method: POST Payload:

{"customer Id": 123, "product Id"; 456,
"quantity": 2}
'Response:

{"oxder Id": 789, "staters": "confinmed"}

3 Track shipment: Endpoint: /shipment Method: GET

Response: "In Transit", "ETA": "2 days"}

## API Requirements

D'Fetch All Products: Endpoint: / products Method: GET Response:

{"id": 1, "name": "Laptop", "price": 500}

(2) Create Order: Endpoint: forders Method: POST Payload:

{"customer Id": 123, "product Id"; 456,
"quantity": 27
'Kesponse:

{"Order Id": 789, "staters": "confinmed"}

3 Track shipment: Endpoint: / Shipment Method: GET Response:

Response: "In Transit", "ETA": "2 days"}