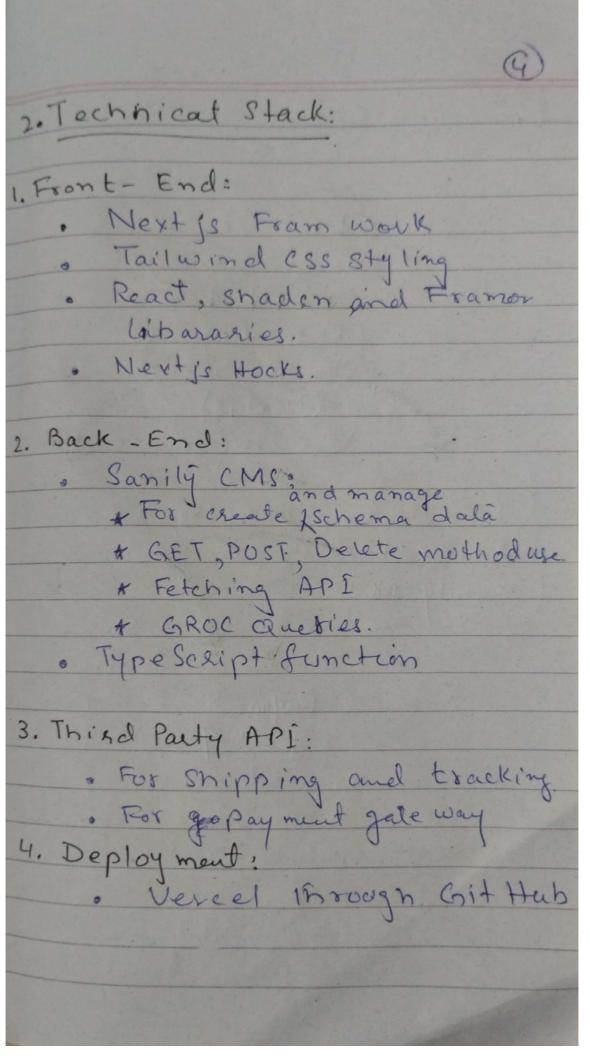
Architectur Of Market place Builder Hackathon - 2025 GIAIC Studen: Transformal of Karach into É-Commelle market " DAY-2:
Planning The Technical Foundation Goal: Than 81 tim Concreting of Day 1 foundation from transition to technical Planning 1) Technical Requirment of Q-Commerce 1. Core Features: 1. Frontend Requirment/User Interfact · Responsive and intuitive design for web and mobile · Personilized recommendation . Multi language and currency

2. Product Managment: . Admin dash board for adding, editing and removing products. · Categories, lags and filter for easy navigation . Real time up dales 3. Search and Filtering; · Advance Seench box with auto suggestions. · Litlers based on price, categories and deals. 4. User Accounts: · Registration via email or phone number for hegular customer or quest checkout · Saved preferences and purchase history · Address book for delivery S. Orderand payment system: · Shopping cart and whishlist functionally

Integration wills multiple  Details and gateways e.g. sale  Details and check out  Shipping and Delivery:  Integration wills logistics  Providers for head time  tracking  Shipping cost calculation  based on location  Customer support:  Customer support:  Customer support:  Charleties and keporting:  Analytics and Reporting:  behavior analysis  Conversion Rate traking.
--





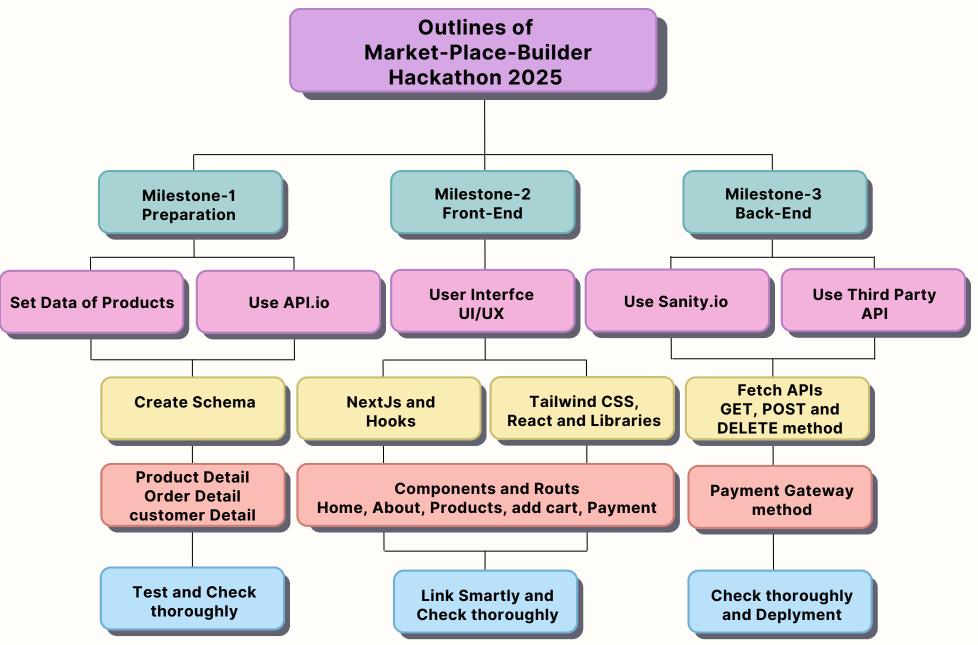
B. Design System Architecho Architecture 1. User initiates a seasch · Main page tsx. (Landing Page) · About / Page, tsx · Product / page + sx. 2. Product catalog setrieves sesults · Produt de Lail. tsx Viewdetail.tsx 3. User filters by tag and catagories 4. Add item to cast · cart.tsx s. Proceeds to Checkout · checkoul. ts 6. System valideles payment · Paymend.ts 7. Order and get Status / delivery scheduls. Order , tsp Status ts x

6 3. Plan API Regjuismout: APF Endpoind .: 1. Endpoint Name / Product. · Method : GET · Description: Fetch all available Products from Sawil · Response: Product detail g\_id, name, price, imagel · description Endpoint Name Order · Method: POST · Description : Creat a new . Rosponse defail. & - 1d, customer name, customer info Product id · Pay load; gid, customer info, Product detail payments Status & 3. End point Name Shipmant · Method: GET · Description · Track order

Status via third-Party · Response: Shipmed id, order id Status, expected delivery time } REQUIRED INSTALATION · npx create-next-appolatest · npm execte- sanity a latest · npm shaden@latest init · nom i leact · npm i reat-leons o npm i framer o apm & framez-motion

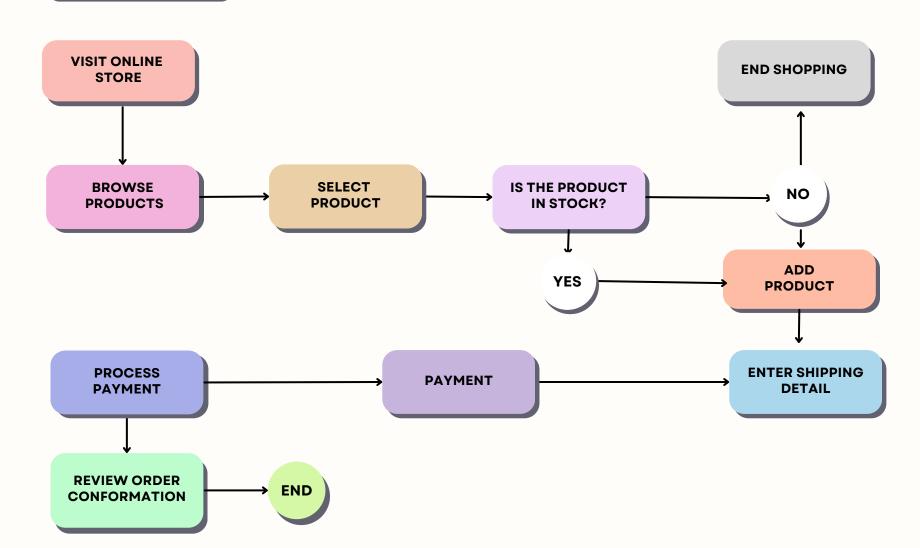


## **ROAD MAP CHART**



## **User Workflow Diagram**

## ONLINE SHOPPING



## **Design System architecture**

