



Date: 17/01/25

HACKATHON DAY 2

Planning Technical foundation

Technical Requirements:-

- Front-end :-
 - User friendly
 - Design Responsiveness
 - Pages :-
Home, Cart, products, category, Order, Contact Us.
- Backend :-
 - Content Management System :- **Sanity**
for data management
- API's :-
 - Shipment tracking
 - Payments / gateways
 - Cart

Work-flow :-

- User interacts w/ website.
- User browse data
- Front-end fetch data thru CMS (Sanity)
- User place Order in Sanity
- Shipment Tracking via -third party API.

API Endpoint :-

GET /products :- Show product .

POST /order :- Save order data.

GET /shipment :- Tracking delivery.

POST /registration :- User sign in / sign up

POST /login :- user login-in.

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Frontend :-

- Next.js
- fetching data
- displaying products
- checkout products

Sanity
(CMS)

Backend :- (API's)

- Cart system
- Payments / Gateway
- Handling reviews

Third party
API

- Shipping API

Shipping data

Payment Response

Success = Tracking
Failure = msg :-

⚠ Payment failed.

Updating Frontend :-

- Confirmation
- Shipment
- Tracking
- Customer Support
- Delivery