

## HACKATHON DAY 2.

### Technical Foundation Of Our E-Commerce Website.

Technology Stack:-

Frontend

Nextjs, Tailwind CSS

Features:-

Home page: Display products including search bar.

Product detail page: Display details like title, description, price, quantity, image etc.

Cart page: Display selected item, allowing review items

login page: Allow user to enter credential to access account.

checkout page: collects details such as shipping and payments

Backend

Sanity CMS

Features:-

Product Data: Title, price, inventory etc

Customer Data: Name, Id, Contact

Customer Address: Address, postal code etc

Product Schema:- Product ID, Name, price, stock etc

Customer Schema: Customer ID, Email, Password, Phone

Order Schema:- Order ID, details, quantity etc

Third-Party APIs:-

Shipping, payment Gateway

Features:-

- Shipping Tracking APIs (Real-time Tracking)
- Payment Gateway APIs (Secure payment)
- Other APIs.

## \* API Requirements.

Authentication API.

Endpoint: /api/auth/signup

Method: POST

Description: Register new user.

Product API.

Endpoint: /api/products

Method: GET

Description: Fetch product detail from CMS.

Cart API.

Endpoint: /api/cart/add

Method: POST

Description: Add items to user's cart.

Checkout API.

Endpoint: /api/checkout

Method: POST

Description: Process payment & Finalize Orders.





