

## 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.

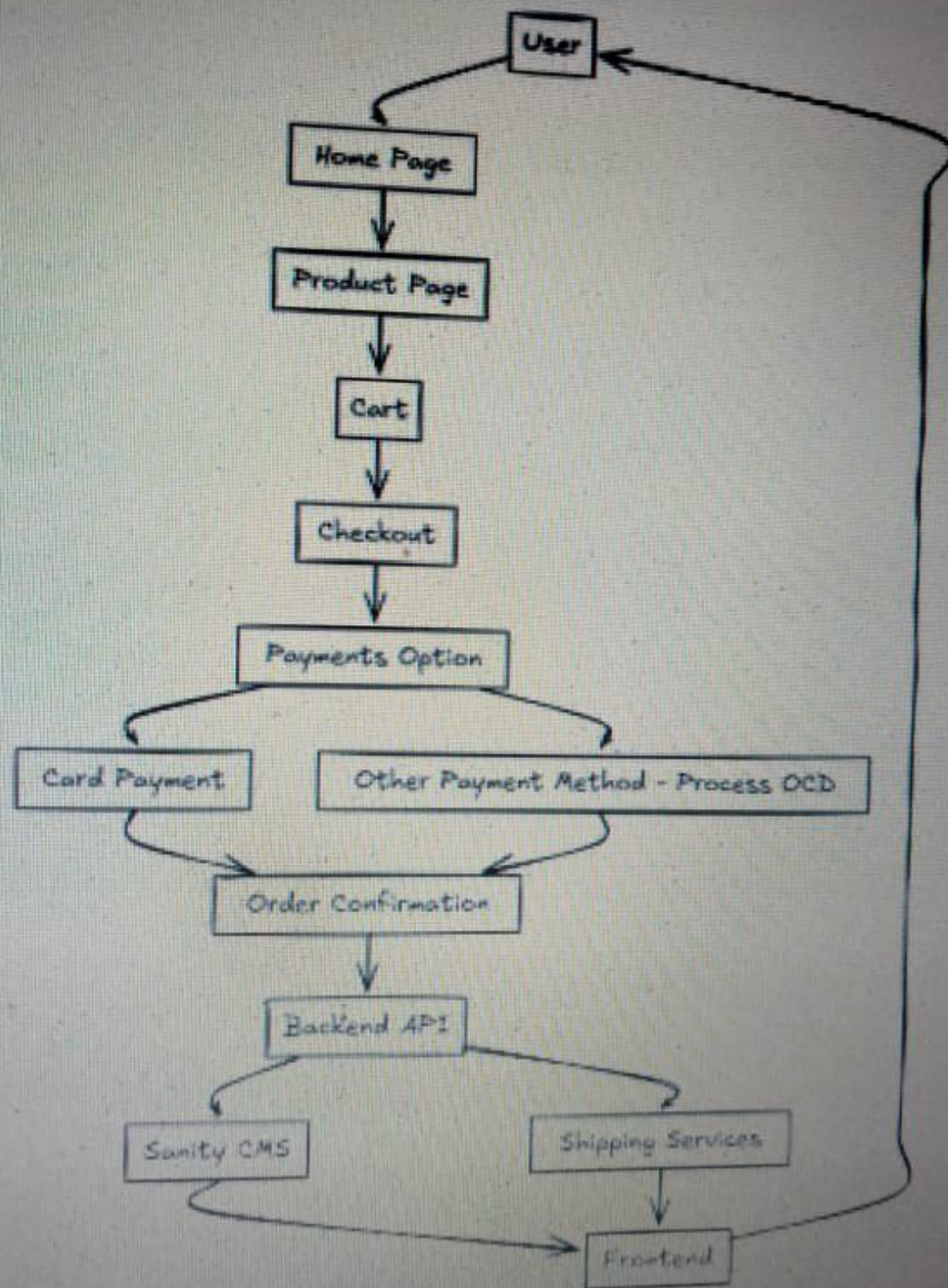
Checkout API.

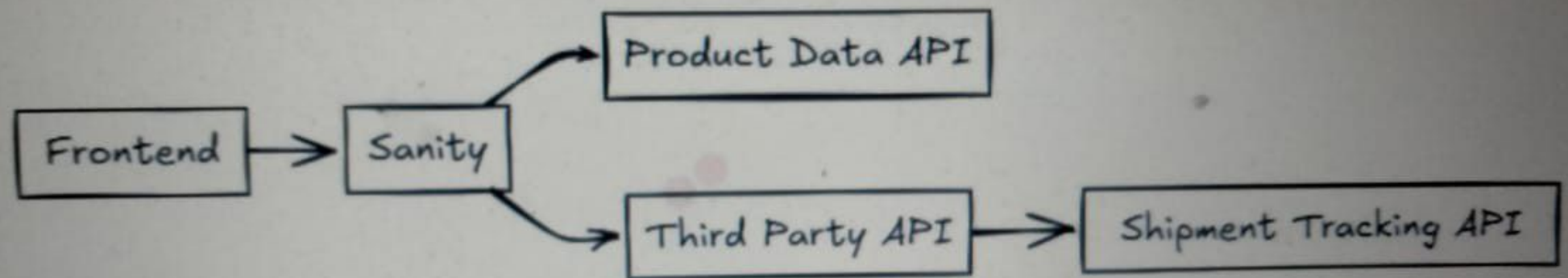
Endpoint: /api/checkout

Method: POST

Description: Process payment & Finalize Orders.









# HACKATHON 3 (DAY 1)

Step 1:-

General E-Commerce (selling various products online)

Step 2:-

Q:- What problems does your market place solve?

- Mobile - friendly design
- One-click payment option like Apple pay or Google pay
- Fast shipping
- Provide a wide range of Nike - product.
- Informative product description (e.g. running shoes, school shoes etc).
- hassle-free return policy, clear return instruction to make stress free.
- Lack of trust, show product review

Q:- Who is your target Audience?

- Athletes and fitness Enthusiast.
- customers who value comfort and style for everyday.

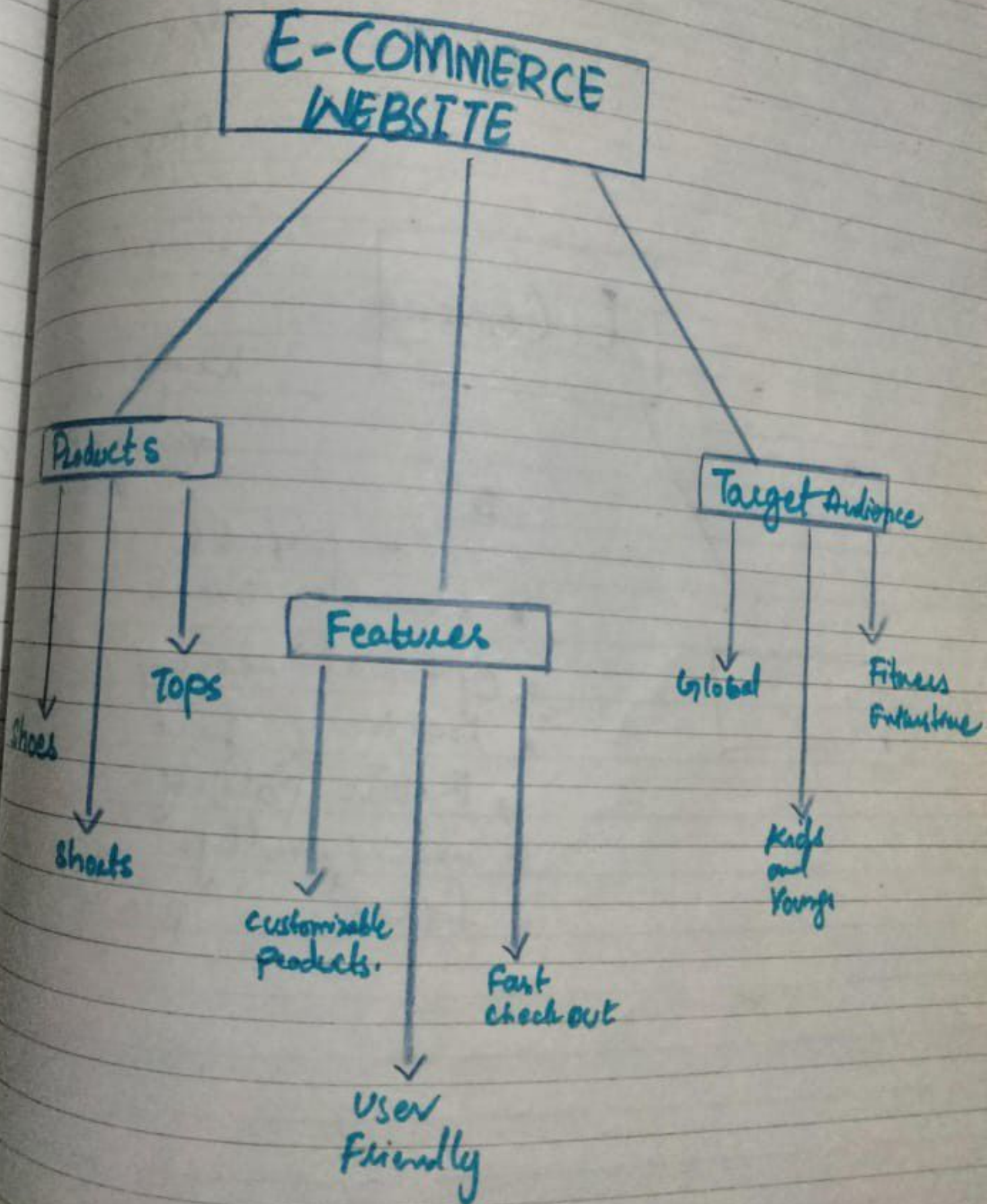
- Stay fashionable while enjoying comfort.
- Affordable and quality product for middle and upper class.

Q<sup>4</sup>:- What products or services will you offer?

- High quality shoes, Top, shorts & training, formal,
- Customization options (size, color, comfortable)
- Local Area shipping with exceptional customer
- Try before you buy.



# Diagram.



## Products

- Product ID
- Name
- Price
- Discount
- Image
- Quantity

## Customers

User ID  
Name  
Email  
Contact  
Address

## Orders

Order ID  
User ID  
Product ID  
Order Date  
Order Status  
Quantity

## Order Item

Order Item ID  
Order ID  
Product ID  
Product Name  
Product Image  
Product Size

## Shipment

Order ID  
Shipping fee  
Tax  
Address  
Carrier detail  
Postal code  
Phone

## Payment

payment ID  
Payment Method  
Order ID  
payment Status  
Transaction Date



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