

Date :
17-2-2025

Hackathon

"Day 2"

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As I am designing single page website.

Sections on Home Page :

- 1) Hero Section : This will welcome visitors with my business logo and tagline (e.g. "Fresh, Fast, Flavorful!") and a big food's image .
- 2) Product Section : Display all of my food items with :

- Name
- Image
- Price
- "View Details" or "Add to Cart" button for each product .

(2)

- 3) About Us section: Briefly explained here who I am and why my food is special.
- 4) Footer: Contact information and links to my special media (e.g. LinkedIn, Instagram)

- Interaction:

- when a user clicks on "Add to Cart":
 - 1) A pop up or modal opens to select quantity for each food item and Add to Cart
 - 2) They can proceed to "Order" and pay the payment to place order.

★ Backend with Sanity CMS:

Sanity CMS will:

- 1) Store Product Data:

- ID, Name, Price, Description, images, & Stock Quantity for each food item.

- 2) Track Order:

- Save Customer details details and order information.

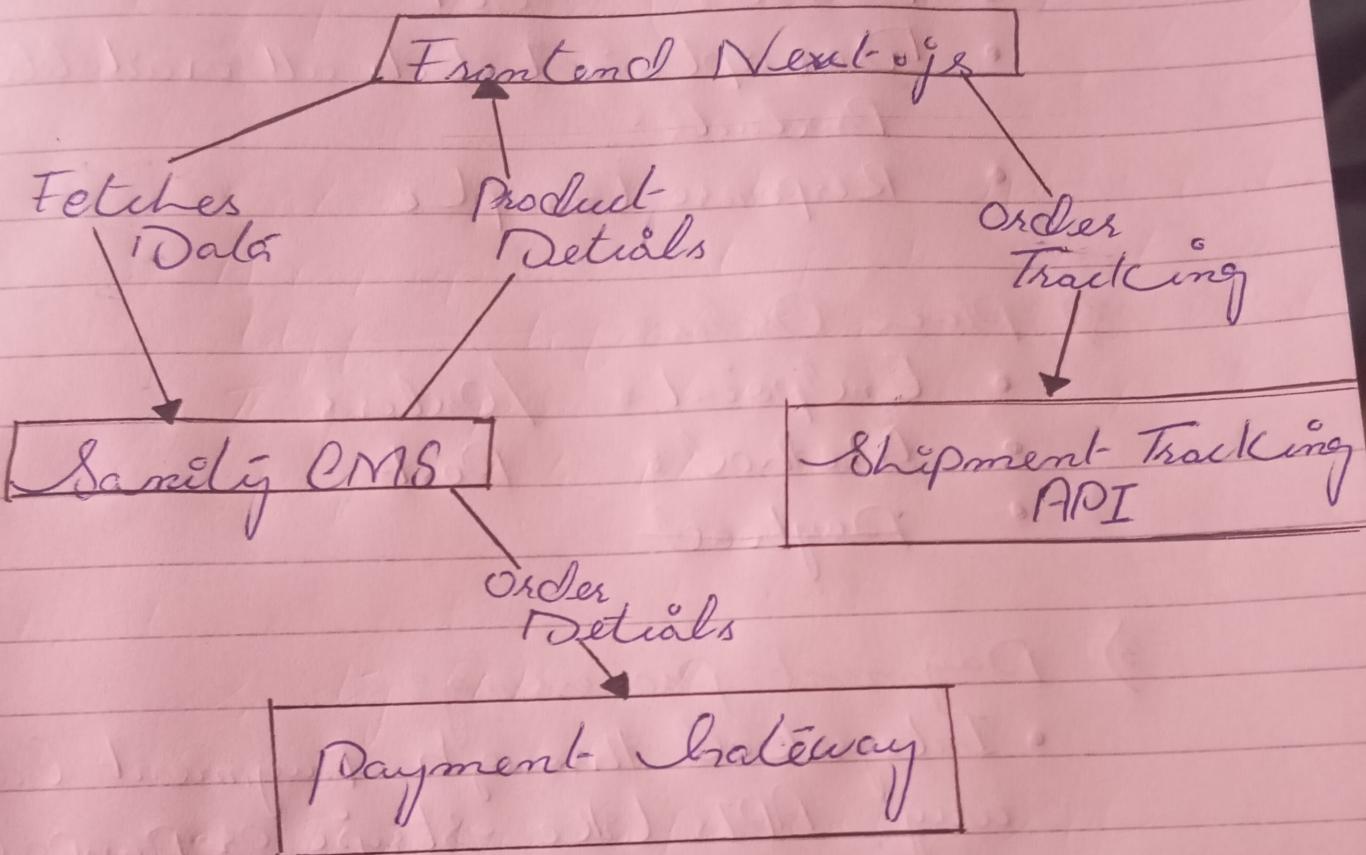
- 3) Enabling Easy Updates:

- Add remove, or edit products without coding.

(3)

* System Architecture :

My system's architecture would look this.



- 1) User visits my site (Frontend).
- 2) Product data is fetched from Sanity CMS.
- 3) Orders and payments are sent securely through the Payment Gateway.
- 4) Sanity CMS stores the order details for your tracking.

(4)

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★ API Requirement :

I will need the following APIs:

1) Get Products :

- Endpoint : /Products
- Method : GET
- Description : Fetch all available products.
- Response Example

2) Place Order :

- Endpoint : /Orders
- Method : Post-
- Payload

3) Payment Processing :

- Integrated through Payment Gateway APIs like Stripe or Paypal and EasyPaisa or Jazz Cash.

★ User Interaction Workflow :

1) User lands on the homepage.

2) Browses through the product grid.

3) Clicks "Order Now" on a product.

- Quantity.

- "Add to Cart" options.

(5)

4) Chooses an Option :

- Add to Cart : The item is saved in the Cart for Order.
- Place Order : Redirects to Cart in the same popup.

5) Checkout involves :

- Filling in name, address, and email and phone number.
- Clicking a Payment button (e.g. "Pay with Card" / "Cash on Delivery").

6) Payment gateway opens and processes the transaction.