HACKATHON:03

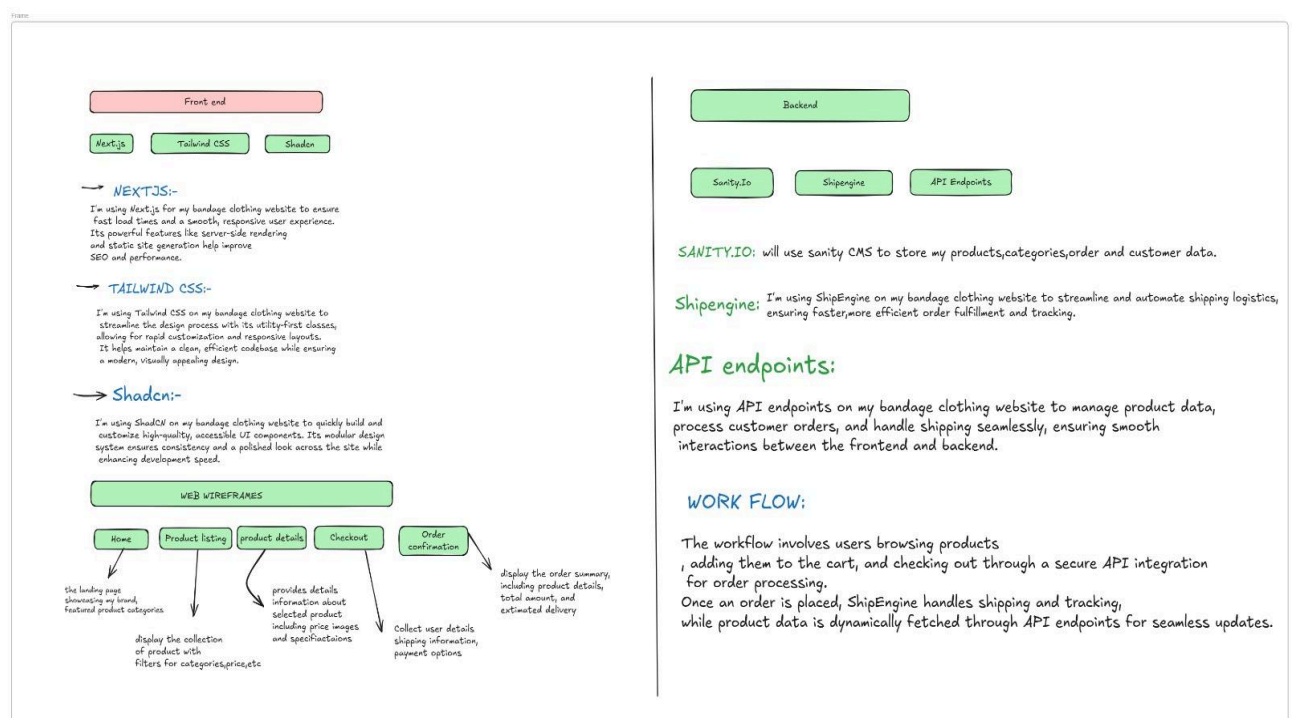# DAY:02

TECHNICAL FOUNDATION FOR OUR E-COMMERCE WEBSITE
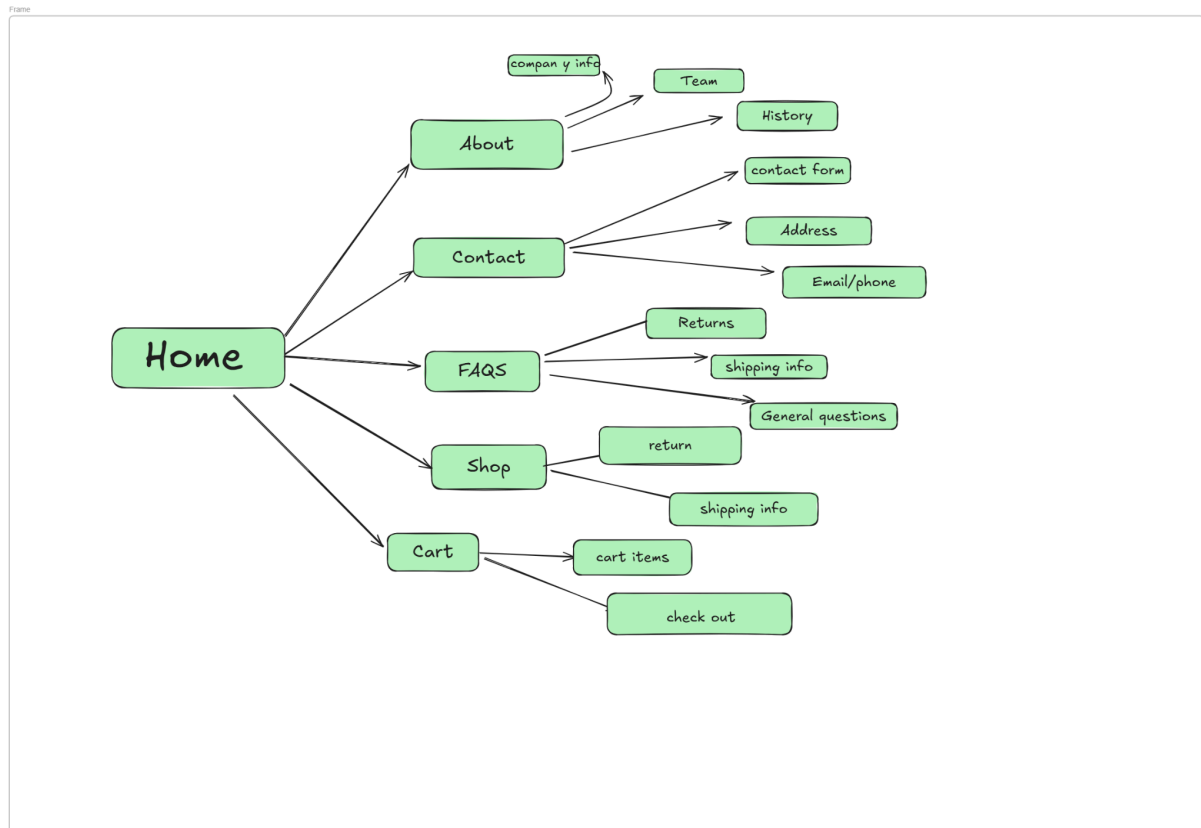
Project Overview:-

BANDAGE :

Bandage is a fully e-commerce marketplace targeting the trendy cloth market . This platform specialises in selling trendy clothes, unique design ideas, and other fashion related

items,offering a seamless shopping experience to our customers.

System Architecture:

Provide a high level overview of the systems architecture .include a diagram to visualize the interactions between components like the frontend ,database and many services.

Schemas:

Product Schema;

```
"id": "string",
"name": "string",
"description": "string",
"price": "number",
"category": "string",
"images": ["string"],
"stock": "number",
"createdAt": "date",
"updatedAt": "date"
```

User Schema;

```
"id": "string",
"name": "string",
"email": "string",
"password": "string",
"address": "string",
```
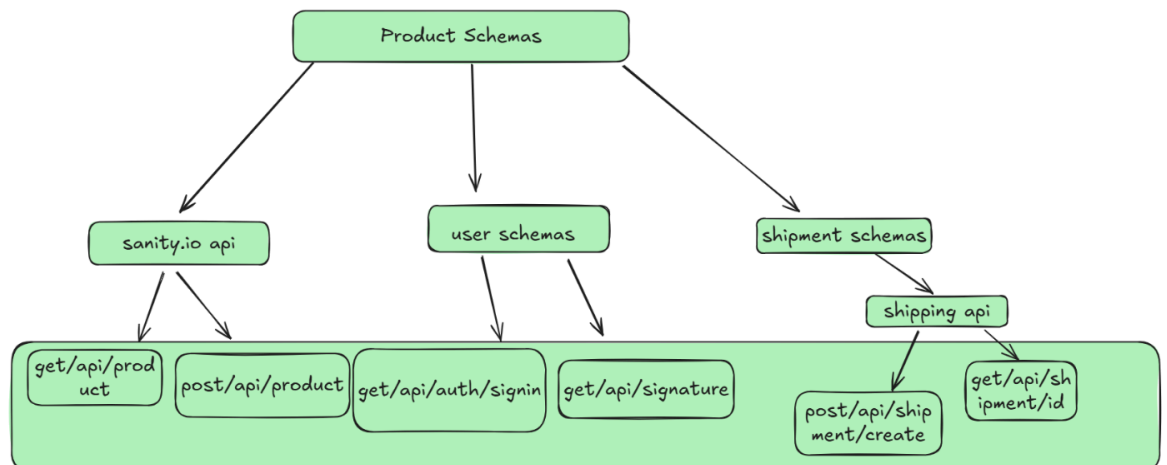
"role": "string",
  "createdAt": "date",
  "updatedAt": "date"

ShipEngine Schema;

  "shipmentId": "string",
  "carrier": "string",
  "trackingNumber": "string",
  "status": "string",
  "estimatedDeliveryDate": "date",
  "createdAt": "date",
  "updatedAt": "date"

Category Schema;

  "slug": "string",
  "title": "string",
  "description": "string",
  "createdAt": "date",
  "updatedAt": "date"

API Endpoints:

Detail the API endpoints that support the functionality of Comforty. Below are some examples:

Authentication Endpoints

POST /api/auth/register - Register a new user

POST /api/auth/login - Log in a user

Product Endpoints

GET /api/products - Fetch all products

POST /api/products - Add a new product (Admin only)

GET /api/products/:id - Fetch a product by ID

Order Endpoints

POST /api/orders - Create a new order

GET /api/orders - Fetch all orders for a user

Sanity CMS Integration

Explain how the Content Management System (CMS) integrates with Comforty. Highlight the role of the CMS in managing content like product descriptions, blog posts, or promotional banners.

Feel free to fill in the placeholders with actual images, URLs, and additional information as your project develops