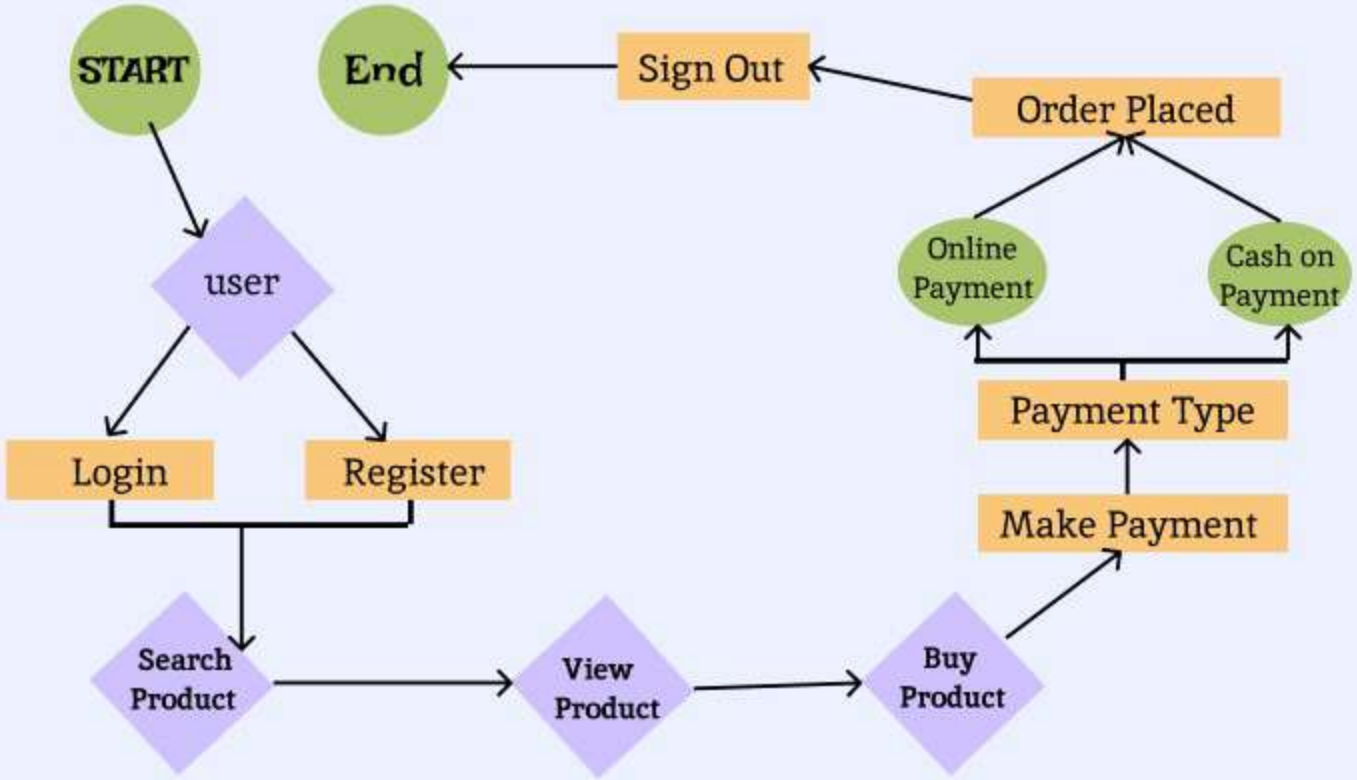
DAY:02 __ PLANNING THE TECHNICAL FOUNDATION



Soniya dawood

Tools

- **GitHub** → Version control and collaborative development.
- **Postman** → For testing and documenting APIs efficiently.
- **Vercel** → Fast and reliable deployment for Next.js applications.

APIs

- **ShipEngine** → Simplifies shipment tracking and delivery.
- **Stripe** → Handles secure and efficient online payments.

Backend

- **Sanity CMS** → For manage and structure content effectively.
- **Clerk** → For seamless user authentication and management.

Frontend

- **Next.js** → For building modern, dynamic, and server-rendered UIs.
- **Tailwind** → For responsive and visually appealing designs.
- **ShadcnUI** → For pre-designed, customizable components.

API ENPOINTS DOCUMENTATION

Authentication Endpoints

/api/auth/signup

POST_ Register new user with clerk

/api/auth/signIn

POST_ authenication user with Clerk

/api/auth/profile

GET_ Fetch user profile data

Products Endpoint

/api/products

GET_ Fetch products from sanity CMS

/api/products/[id]

GET_ Get Single product details

/api/products/search

GET_ Serach products with filer

Orders Endpoint

/api/order/create

POST_ create new order with stripe

/api/order/history

GET_ get user 's order histoy

/api/order/track/[id]

GET_ Track order status

Shipping endpoints

/api/shipping/rates

GET_ Shipping rates

/api/shipping/labels

POST_ Generate shipping labels

/api/shipping/track

GET_ Track Shipping status