Frontend Requirements

- **Attractive Design:** Simple and clean layout, Beautiful color and font that attract to user.

- **User Account :** We have to make user account it will help the user they can save Their favorite product, they can easily track order.

- **Responsive Design:** Website should be responsive user can easily use through Laptop and mobile or tablet.

- **Product Pages:** Highly-quality images use have to upload that looks perfect.

- **Real-Time Updates :** Web Socket's for live order status, inventory, and notification.

- **Easy Navigation:** Menu bar and categories should define clearly. We should use search bar that help user to find their product easily

User Login and Sign In

What it is: This allows users to create an account, sign in, and access their order history, preferences, and saved details.

How it works: We'll implement a secure login system using email/password authentication. You could also consider social media logins (Google, Facebook) for convenience. The system will store user information in a secure database, and sessions will keep users logged in as they browse.

Add to Cart

What it is: This feature lets customers select products and store them in a virtual shopping cart before purchasing.

How it works: When users click "Add to Cart," we will save the shoe information (size, color, quantity) in the user's session or database (if they're logged in). The cart will update in real-time and show the total price.
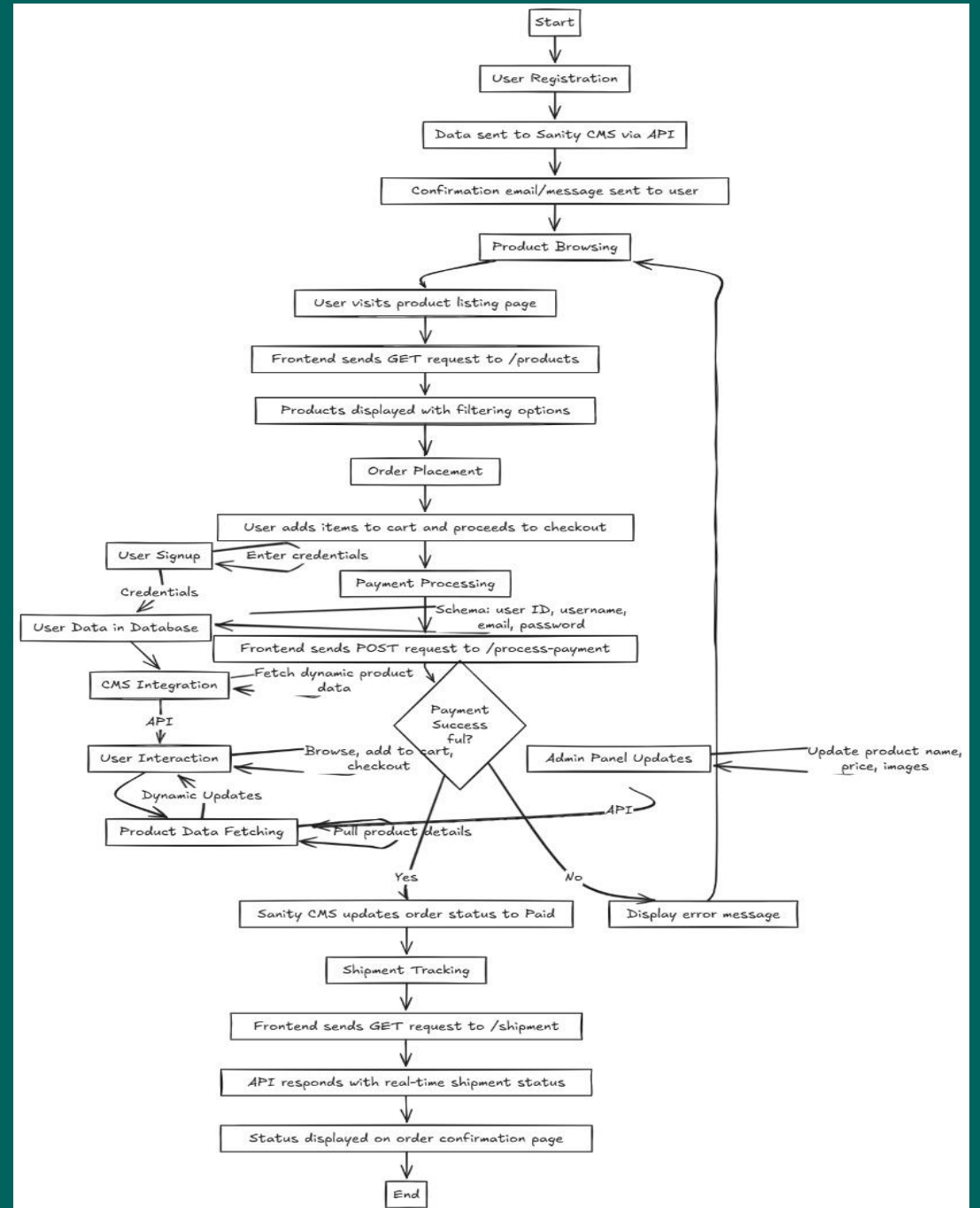
Sanity Data Management

Sanity provides a flexible way to define and structure your content. In our case, for our **E commerce website**, we will create a **Product Schema** that defines key attributes like product title, price, description, images, and stock levels.

Either

To fetch product data from Sanity, we use the Sanity API to query a custom schema for product details like title, price, description, and images. This data is then retrieved in the Next.js application using `**getServerSideProps**`to ensure server-side rendering. The fetched product information is dynamically displayed on the website.

Website overview with diagram

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Shipment Data

Shipment Data Integration: Use Sanity's API to store and manage shipment data, including shipping addresses, tracking numbers, and delivery statuses for easy retrieval in the front-end application.

Thank You

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