

Day 2 Activities: Transitioning to Technical Planning

1. Define Technical Requirements

a) Frontend Requirements:

- **User-friendly interface for browsing products:**
 - Implement navigation (Home, Product Listing (Medicines, Personal Care, Baby Care, Health Care Devices) ,About, Contact)
 - Utilize high-quality product images and detailed descriptions.
- **Responsive design for mobile and desktop users:**
 - Ensure seamless user experience across all devices (desktops, tablets, and smartphones).
- **Essential pages:**
 - **Home:** Showcase featured products, promotions, and user-friendly navigation.
 - **Product Listing:** Display products with filters (category, price, brand, etc.) and sorting options.
 - **Product Details:** Provide comprehensive information (description, images, specifications, reviews).
 - **Cart:** Allow users to add, remove, and modify items in their shopping cart.
 - **Checkout:** Secure payment gateway integration and order summary.

b) Sanity CMS as Backend:

- **Product data management:**
 - Sanity CMS to store and manage product information (name, description, price, images, categories, inventory).
- **Customer details management:**
 - Store customer data (name, address, contact information, order history) securely within Sanity.
- **Order records management:**
 - Track order status, payment details, shipping information, and any relevant order history within Sanity.

c) Third-Party APIs:

- **Payment gateways:** Integrate with secure payment gateways (PayPal or Stripe) to facilitate online transactions.
- **Other required backend services:**
 - Explore APIs for services like SMS notifications, email marketing, and customer support integrations.

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API Requirements

1. **User:**
 - **POST /register:** Register a new user.
 - **POST /login:** Authenticate a user.
 - **GET /profile:** Fetch user profile details.
2. **Product Listings:**
 - **GET /cars:** Retrieve a list of available cars.
 - **GET /cars/:id:** Fetch details of a specific car.
3. **Orders/Bookings:**
 - **POST/order:** Create a new booking.
 - **GET /order:** Retrieve all bookings for a user.
 - **DELETE /order/:id:** Cancel a order.
4. **Payments:**

POST /payments: Process a payment.

Sanity Schema Example:

```
export default{
```

```
  name:'product1'
```

```
  type:'document'
```

```
  fields:[{define fields here}]
```

