

## User Visits Website

Action: User lands on the website.

Next Step: User chooses to log in or sign up.

Login or Sign Up

Action: User logs in or creates an account.

Next Step: User is redirected to the Home Page.

Home Page

Action: User interacts with the homepage.

Next Step: User clicks the "Shop" button.

Shop Button

Action: User presses the "Shop" button.

Next Step: The product API is triggered to fetch product data from Sanity CMS.

Product Listing Page

Action: User views the list of products.

Next Step: User selects a product and adds it to the cart.

Add to Cart

Action: User adds the selected product to the cart.

Options:

Continue Shopping: Redirects the user back to the Home Page.

Checkout: Redirects the user to the Checkout Page.

Checkout Page

Action: User views the checkout page and selects a payment method:

Card Payment

Cash on Delivery (COD)

Next Step: Payment API (e.g., Stripe or PayPal) is integrated to process the payment.

Confirm Payment

Action: Payment is successfully processed.

Next Step: The order is confirmed, and the order API is triggered to save the order details to Sanity CMS.

Order Confirmation

Action: The user sees an order confirmation page.

Options:

Continue Shopping: Redirects the user back to the Home Page.

Track Order: Redirects the user to the Order Tracking Page.

Track Order

Action: The Shipment API (e.g., Shippo or ShipEngine) is triggered to display delivery status and tracking information.

Next Step: User views delivery progress.

Framework: Next.js

Programming Language: TypeScript

UI Tools:

ShadCN

Sanity (Headless CMS)

Figma (for UI design)

React Icons

Tailwind CSS

Third-Party APIs:

Shipment services

Tracking services

Custom API Endpoints:

Products

Orders

Shipments

Endpoint	Method	Description	Response Example
/products	GET	Retrieve a list of all available products.	{ "products": [{ "id": 1, "name": "Laptop", "price": 1200 }, { "id": 2, "name": "Phone", "price": 800 }] }
/shipment	GET	Get shipment details for the requested data.	{ "shipment": { "id": 123, "status": "Dispatched", "expectedDelivery": "2025-01-20" } }
/delivery-status	GET	Check the delivery status of an order.	{ "orderId": 456, "status": "In Transit", "location": "Distribution Center, City A" }
/orders	POST	Place a new order with required details.	{ "orderId": 789, "message": "Order placed successfully", "orderSummary": { "items": 3, "total": 1500 } }