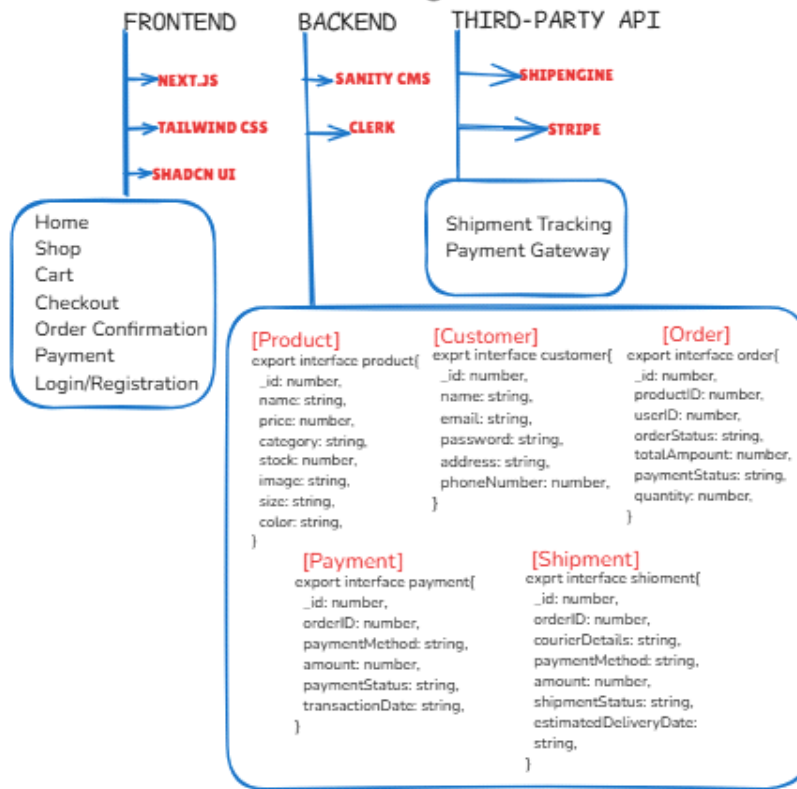


Technical Requirements



Frontend

Technologies:

- Next.js: Framework for building the frontend.
- Tailwind CSS: For styling the user interface.
- Clerk: For authentication and user management.
- ShadCN UI: UI component library.

Features:

- Home, Shop, Cart, Checkout, Order Confirmation, Payment, Login/Registration.

Backend

Sanity CMS:

- Manages product data, customer information, and order details.

Third-Party API

ShipEngine:

- Handles shipment tracking for orders.

Stripe:

- Processes payments securely.

Interfaces (Data Models):

Product:

- Fields: `_id`, `name`, `price`, `category`, `stock`, `image`, etc.

Customer:

- Fields: `_id`, `name`, `email`, `address`, `phoneNumber`, etc.

Order:

- Fields: `_id`, `productID`, `userID`, `orderStatus`, `totalAmount`, etc.

Payment:

- Fields: `_id`, `orderID`, `paymentMethod`, `amount`, `transactionDate`, etc.

Shipment:

- Fields: `_id`, `orderID`, `courierDetails`, `paymentStatus`, `estimatedDeliveryDate`.