Technical Requirements

Frontend Requirements

1. **User Interface**:
   o Create the following pages:
      ▪ **Home Page**: Showcase featured footwear categories, featured products, featured posts about site, and promotional banners.
      ▪ **Shop Page**: List all categories, and products with filters (e.g., size, price range, style, color) and pagination.
      ▪ **Product Details Page**: Include:
         ▪ Product name, price, description, size options, color options, stock availability, rating and reviews, and multiple images
         ▪ **Product Complete Description**.
         ▪ **Add to Wishlist** button.
         ▪ **Recommended Products** section (similar or complementary items).
      ▪ **Cart Page**: Show selected products with quantity adjustment, total price, and **Proceed to Checkout** button.
      ▪ **Checkout Page**: Allow guest users to fill in shipping and payment details.
      ▪ **Order Confirmation Page**: Display order summary, shipping details, and a thank-you message.
2. **Wishlist Feature**:
   o Allow users to save products for future consideration.
   o Wishlist should persist across sessions using local storage or cookies for guest users.
3. **Product Recommendations**:
   o Use Sanity CMS to tag products with categories (e.g., casual, formal, sports).
   o Display recommendations based on:
      ▪ Products from the same category.
      ▪ User browsing history (future enhancement).
4. **Responsiveness**:
   o Ensure all pages and components adapt seamlessly to mobile, tablet, and desktop layouts.
5. **Navigation**:
   o Top Header with
      ▪ Info (Phone / Email), tagline, and social links
   o Include a sticky/hamburger navbar with:
      ▪ Logo, product categories dropdown, search bar, cart icon, and wishlist icon.

Backend Requirements (Sanity CMS)

1. **Schemas**:
   o **Products**:
      ▪ Fields: Id, Name, description, price, stock, size options, color options, category (ref), tags, images.

- **Category**
  - Fields: Id, name, description, image, parentCategory (ref to same schema).

  - **Orders**:
    - Fields: Id, CustomerId (ref), order date, status, total amount, shipping address
  - **Order Item**:
    - Fields: Id, orderId, productId, quantity, price
  - **Customers**:
    - Fields: Id, Name, email, phone number, shipping address.
  - **Inventory**:
    - Fields: product (ref), stock, last updated,
  - **Wishlist**:
    - Link products to guest sessions or user accounts.
2. **Third-Party APIs**:
   - **ShipEngine**:
     - Use to calculate shipping costs and provide real-time tracking updates for customers.
   - **Stripe**:
     - Integrate for secure payment processing during checkout.