

Technical Requirements

Frontend Requirements

1. User Interface:

- 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:

- Allow users to save products for future consideration.
- Wishlist should persist across sessions using local storage or cookies for guest users.

3. Product Recommendations:

- Use Sanity CMS to tag products with categories (e.g., casual, formal, sports).
- Display recommendations based on:
 - Products from the same category.
 - User browsing history (future enhancement).

4. Responsiveness:

- Ensure all pages and components adapt seamlessly to mobile, tablet, and desktop layouts.

5. Navigation:

- Top Header with
 - Info (Phone / Email), tagline, and social links
- Include a sticky/hamburger navbar with:
 - Logo, product categories dropdown, search bar, cart icon, and wishlist icon.

Backend Requirements (Sanity CMS)

1. Schemas:

- **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.