Batik and Thread

Full Development & Execution Guide

Project Overview

Batik and Thread is a responsive African fabric eCommerce platform supporting ready-made products, custom bulk orders, WhatsApp communication, secure payments, and a full admin dashboard.

Tech Stack

Frontend: Next.js, React, TypeScript, Tailwind CSS. Backend: Supabase (Auth, Database, Storage, RLS). Payments: Stripe. Deployment via Vercel.

Design System

Primary Color: Deep Burgundy (#7A1F1F). Secondary: Gold (#C89B3C). Accent: Earth Green (#2F5D50). Background: Warm Off-white (#FAF7F2). Typography: Playfair Display (Headings), Inter (Body).

Core Pages

Home Page with hero banner, featured collections, custom order CTA, and craft story. Shop page with product grid. Product detail page with image carousel, size and quantity selection. Cart and checkout pages with tax and shipping.

Custom Orders

Customers can submit special requests including event type, quantity, date, description, and reference images. Requests are stored in Supabase and managed via the admin dashboard.

Admin Dashboard

Admin features include product management, inventory tracking, order management, custom request handling, and site settings. Access is protected via Supabase authentication and role-based permissions.

Payments & Receipts

Stripe Checkout handles payments, tax, and shipping. Receipts are automatically generated and emailed, with references stored in Supabase.

WhatsApp Integration

A floating WhatsApp button allows instant communication with admin using pre-filled messages.

Security

Row-Level Security ensures public read-only access for products and admin-only write access. Orders are restricted to owners and admins.

Development Roadmap

Phase 1: Foundation & layout. Phase 2: Product & cart system. Phase 3: Payments & receipts. Phase 4: Admin dashboard. Phase 5: Custom orders & WhatsApp. Phase 6: SEO, testing, and launch.