



Client Requirements ♦ Core Project Overview

- Develop a **multi-purpose e-commerce platform** for a clothing and accessories business.
 - Integrate with **Power POS** or any other compatible POS system.
 - Ensure **scalability and reusability** for other businesses.
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♦ Must-Have Features



E-Commerce Site

- Full product catalog with:
 - Categories, subcategories, filters (size, color, price), search
 - High-quality product images, descriptions, pricing, and stock visibility
- Shopping cart and wishlist with persistent storage
- Order tracking by customers



User Management

- Registration/login via email, phone, or social login
- Password recovery and account profile management
- User preferences for communication via SMS, Email, or WhatsApp



Payment Integration

- Multiple payment gateways (Stripe, PayPal, Afterpay AU, etc.)
- Secure payment processing with PCI compliance



Order & Inventory Management

- Admin dashboard with:
 - Product, order, customer, and inventory management
 - Bulk upload/download of products (CSV/Excel)
 - Real-time inventory sync and alerts

➡ WhatsApp Store

- Customers can browse and place orders via WhatsApp (no API dependency)
- Automated WhatsApp order confirmation messages

POS System

- Real-time inventory synchronization with POS
- Invoice generation and payment processing

Notifications & Communication

- Bulk communication via Email, SMS, and WhatsApp
- Communication preferences captured during registration

◆ Technical Requirements

- **Frontend:** React.js / Vue.js or HTML5 + Tailwind CSS / Bootstrap 5.3
 - **Backend:** Node.js with Express / Django / Laravel with PhpMyAdmin
 - **Database:** PostgreSQL or MongoDB
 - **Optional:** Open-source POS like Odoo or custom POS
 - **Responsive Design:** Optimized for desktop, tablet, and mobile
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♦ **Deliverables**

1. Fully functional e-commerce platform
2. Admin dashboard
3. POS integration
4. WhatsApp store feature
5. Documentation for implementation and future reuse

♦ **Testing & Support**

- Stress testing, system integration testing, user acceptance testing
- 6 months of post-launch support for bug fixes and performance issues