

Scope Document for E-Commerce Shop (Shoes & Clothing)

1. Project Overview

The **E-Commerce Shop** will be an online platform for selling shoes and clothing, offering a seamless shopping experience for customers. It will include product browsing, cart management, secure checkout, order tracking, and customer support. The platform will be mobile-friendly and optimized for performance.

2. Objectives

- Provide a user-friendly interface for customers to browse and purchase shoes and clothing.
- Enable secure payment processing and order management.
- Support inventory management for real-time stock updates.
- Allow users to track orders and manage returns/exchanges.

3. Features & Functionalities

3.1 User Module

- User Registration & Login in and out (Email, OTP)
- Profile Management (Address, Wishlist)
- add products to cart
- make order
- cancel order
- update order
- Order History & Tracking

3.2 Product Catalog

- Categories: Shoes, Clothing, Accessories
- Product Search & Filters (Brand, Size, Color, Price)
- Detailed Product Pages (Images, Description, Reviews)

3.3 Shopping Cart & Checkout

- Add/Edit/Remove Items from Cart
- Allow mpesa payment
- Address & Shipping Selection

3.4 Order Management

- Order Confirmation & Invoice Generation
- Order Tracking with Notifications
- Returns & Refunds Process

3.5 Admin Panel

- Product & Inventory Management
- Order & Customer Management
- Analytics & Reporting

4. Technology Stack

- **Frontend:** React.js / Next.js (for fast and responsive UI)
- **Backend:** Node.js with Express
- **Database:** MySQL

Authentication: JWT / OAuth

- **Payment Gateway:**
- **Hosting:** AWS, / //your own choice

5. Constraints & Assumptions

- The platform will initially support **domestic shipping only**, with international shipping added later.
- Customers must create an account to place an order.
- Secure SSL encryption will be used for all transactions.

6. Timeline & Deliverables

Phase	Deliverable	Timeframe
Planning & Design	Wireframes, UI/UX Design	2-3 weeks
Development	Core Features Development	8-10 weeks
Testing	QA Testing, Bug Fixing	3 weeks
Deployment	Live Platform Launch	1 week

8. Future updates

- Allow multiple payment options
- Recommend products and items to users based on their preference
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7. Conclusion

This e-commerce shop will provide an efficient and modern online shopping experience for customers purchasing shoes and clothing. The system will be scalable, secure, and user-friendly, ensuring smooth operations for both customers and administrators.