**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.