MAISHA TOP DEVELOPMENT PLAN

Week 1: Requirement Analysis and Initial Setup

- **Requirement Analysis**: Deep dive into understanding each module and feature.
  - **User Roles and Modules**: Map each role (Buyer, Manufacturer, KEMSA, Equity Bank, and Admin) with its permissions and interactions.
  - **Database Design**: Outline the database schema, focusing on entities like Users, Products, Orders, Payments, Notifications, and Reports.
  - **API Endpoints**: Define backend endpoints for functionalities like login, order placement, product browsing, payment processing, and notification.
- **Initial Setup**:
  - Set up project structure and environment for development.
  - Install necessary libraries or frameworks for frontend and backend PHP development.

Week 2: User Authentication and Basic User Modules

- **User Registration and Login**:
  - Develop registration forms and login authentication in HTML/CSS/JavaScript.
  - Create backend logic in PHP for user validation, registration, and secure login sessions.
- **Basic Dashboard**:
  - Develop initial frontend layout for buyer, seller, and admin dashboards with placeholders for main features.
- **Role-Based Access Control**:
  - Implement backend checks to ensure users can only access features based on their role (Buyer, Manufacturer, KEMSA, Equity Bank, Admin).

Week 3: Buyer and Seller Modules

- **Buyer Module**:
  - Build product browsing and product detail view pages, allowing buyers to view and select items.
  - Implement the cart and bulk order functionality (add, view, remove items).
  - Backend processing for order placements, storing order data in the database.
- **Seller Module**:
  - Develop UI for product prelisting, allowing manufacturers to add products with details like availability and pricing.

- o Backend logic for manufacturers to view, accept, or reject orders.
- o Backend integration for dispatch requests to KEMSA.

Week 4: KEMSA and Payment Modules

- **KEMSA Module**:
  - o Create KEMSA's dashboard to monitor consignments and approve releases upon payment confirmation.
  - o Backend implementation for consignment tracking and release authorization.
- **Payment Integration**:
  - o Integrate payment gateway for cash transactions and link to credit approval processing (simulate Equity Bank's credit facility).
  - o Backend for payment processing, including data storage and status updating (approved, pending).
  - o Display payment options and capture transaction details in the buyer's checkout process.

Week 5 - 6: Notifications, Reporting, and Admin Module

- **Notifications and Alerts**:
  - o Develop backend logic for notifications on order updates, payments, and consignment status.
  - o Implement notification display on user dashboards and as email alerts.
- **Reporting and Analytics**:
  - o Develop reporting pages for buyer and seller to view order history, payment status, and product inventory.
  - o Create admin reports for platform oversight, including orders, payments, and commission tracking.
- **Admin Module**:
  - o Build UI for Admin to monitor transactions, manage commissions, handle disputes, and manage users.
  - o Backend implementation for managing app-wide settings and user data.