

# MADINI

## Mobile App Development Proposal (Web, iOS, Android and USSD)

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## **Project Overview**

An e-commerce platform focusing on peer-to-peer transactions for building materials. This solution will include a web application, iOS and Android mobile applications, USSD functionality, and a dashboard for efficient management. The platform will facilitate the buying and selling of building materials directly between users, creating a seamless marketplace experience.

## **Project Scope**

### **Web Application Development:**

- Responsive design for optimal user experience across various devices.
- User-friendly interface for browsing building material, making purchases, and managing listings.
- Backend development for user authentication, management, and transaction processing.
- Integration of a secure payment gateway for seamless transactions.
- Admin dashboard development for managing users (buyers and sellers), listings, and reporting and analytics.

### **iOS and Android Mobile Application Development:**

- Native app development for iOS and Android platforms.
- Feature-rich applications enabling users to browse, buy, and sell building materials on the go.
- Integration with device functionalities like camera, GPS, and push notifications.

- Seamless synchronization with the web application for consistent user experience.
- App submission to respective regulatory authorities and app stores ensuring compliance with guidelines.

**USSD Mobile App Development:**

- Implementation of USSD functionality to reach users without smartphones or internet access.
- Development of intuitive USSD menus for browsing products, making purchases, and managing accounts.
- Integration with backend systems for real-time transaction updates and notifications.
- Support for USSD-based authentication and secure payment processing.

**Dashboard Development:**

- Admin dashboard for managing the platform, users, and transactions.
- Comprehensive analytics and reporting tools for monitoring platform performance.
- Tools for resolving disputes, managing listings, and enforcing platform policies.
- Role-based access control for different levels of administration.

**Timeline:****Phase 1: Planning and Design (2 weeks)**

- Requirement gathering and analysis.
- Wireframing and UI/UX design.
- Finalization of technical architecture.

**Phase 2: Development (12 weeks)**

- Frontend and backend development of web application.
- Native app development for iOS and Android platforms.

- Integration of USSD functionality into the system.
- Development of admin dashboard with necessary features.

### **Phase 3: Testing and Quality Assurance (4 weeks)**

- Comprehensive testing across all platforms and functionalities.
- Bug fixing and performance optimization.
- User acceptance testing (UAT) to ensure product readiness.

### **Phase 4: Deployment and Launch (2 weeks)**

- Deployment of web application to a production server.
- Submission of iOS and Android apps to the respective app stores.
- Activation of USSD service and testing on relevant networks.

### **Budget**

The total project cost is estimated at **Ugx ,9,232,700 (Nine million, two hundred thirty two thousand, seven hundred uganda shillings only)**. This includes development, deployment, and post-launch support for a period of three months. The cost breakdown is as follows:

<b>Item</b>	<b>Cost (Ugx)</b>
Web Application Development	1,510,000
iOS and Android Mobile Application Development	4,584,000
USSD Mobile App Development	982,700
Dashboard Development	1,686,000
Testing and Quality Assurance	-
Deployment and Launch (Integrations, app store fees, domain, et al)	470,000
Post-launch Support	-
<b>TOTAL</b>	<b>9,232,700</b>

### **Payment Terms:**

20% initial deposit – Ugx 1,846,540

## Our Assurance

**Expertise:** RisiDev has extensive experience in developing e-commerce platforms and mobile applications across various industries.

**Custom Solutions:** We tailor our solutions to meet specific business requirements, ensuring a unique and effective platform.

**Regular Updates:** We shall provide dedicated support and updates on a weekly, throughout the development process and beyond, ensuring your satisfaction.

**Quality Assurance:** We prioritize quality and adhere to industry best practices to deliver robust and reliable solutions.

Please review and let us know if there are any adjustments needed. Upon agreement, we can initiate the project kickoff and commence development.

Thank you for considering RisiDev for your e-commerce platform development needs. We look forward to the opportunity to work with you.