

PROPOSAL FOR MULTI-BRANCH SUPERMARKET POS AND INVENTORY SYSTEM

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PROJECT TITLE:

Custom Retail Management Software for Supermarket Chain (5 Branches)

OBJECTIVE

To design, develop, and deploy a robust, cloud-connected retail management system that enables efficient sales, inventory control, and admin oversight across 5 supermarket branches.

FEATURES TO BE IMPLEMENTED

Point of Sale (POS)

Retail and wholesale pricing on the same screen
Support for barcode scanning & search
Tab minimization (hold/resume transactions)
Offline fallback with sync
Print/email receipts

Inventory Management

Real-time inventory tracking (branch & central)
Product creation, category assignment, unit measures
Stock in/out history
Low-stock alerts

Stock adjustments (admin-controlled)

User Roles & Access Control

Cashier, Manager, Supervisor, Admin roles
Role-specific permissions and dashboards
Branch-based access restriction

Reporting & Accounting

Daily/weekly/monthly sales reports
Profit margin, top-selling items, dead stock
Branch-level performance comparison

Admin Dashboard

Centralized stock control
Branch performance overview
Manual stock movement and adjustments
System configuration tools

SYSTEM ARCHITECTURE

Frontend: React / Next.js
Backend: Node.js (Express) or Django
Database: PostgreSQL or MySQL
Deployment: Cloud-based (e.g., Render, Railway, DigitalOcean)
Optional: Offline-first POS module with local sync

PROJECT TIMELINE (Estimated: 4–5 Weeks)

Phase Duration

Requirements Gathering	2–3 days
UI/UX Design & Wireframing	3–5 days
Backend + DB Setup	5–7 days
POS + Admin Panel Dev	10–14 days
QA Testing + Feedback	5–7 days

Deployment & Staff Trainin	2–3 days
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QUOTATION (Cost Estimate)

Item	Cost (₦)
System Development (5 Branches)	₦ 600,000
UI/UX Design Included	Included
Database Setup + Integration	Included
Admin Panel + Dashboard	Included
POS Module (5 terminals)	Included
Inventory Module	Included
Report & Accounting Module	Included
Deployment + Configuration	Included
Staff Training (virtual/on-site)	₦ 50,000
Total Project Cost	₦650,000

Optional:

Domain name & hosting: ~~₦~~25,000/year

Extra support after 3 months: ~~₦~~50,000–~~₦~~100,000/year

DELIVERABLES

Fully working POS & inventory system (Web-based)

Admin access for monitoring & adjustments

Installation at 5 branches (or cloud access)

User manual + training videos

3 months free support/bug fixes

TERMS

50% upfront, 30% after testing, 20% on delivery
Timeline may shift slightly depending on feedback delays
NDA can be signed upon request

ACCEPTANCE

By signing below, you approve the proposal and authorize the start of development.

Client Name: _____

Signature: _____

Date: _____