Sukoyo Store - Flinox Enterprises
Supermarket - purchase order, sales order, tracking sales, expiry date
Trend analysis , stock holding is 45 days ,
Bar Scanning
5 pos system -

✅ Supermarket Software Requirement Specification

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2. Core Modules

A. Point of Sale (POS) System

- Barcode scanning
- Quick product search
- Add discount/offers
- Tax calculation (GST/18%)
- Multi-payment mode (cash, card, UPI, wallets)
- Generate printed/digital receipt
- Hold/Resume billing

B. Inventory Management

- Add/edit products with barcode/SKU
- Stock in/out management
- Low stock alerts
- Expiry date alerts (for perishable goods)
- Batch number tracking
- Units & packaging management

C. Purchase & Supplier Management

- Purchase order creation
- GRN (Goods Receipt Note)
- Supplier database
- Track payments and due amounts
- Return to supplier

D. Sales Management

- Sales reports (daily/weekly/monthly)
- Product-wise and category-wise sales
- Returns & refunds

● Customer receipts and invoices

E. Customer Management (Optional Loyalty)

● Customer profile creation
  Loyalty points system
● Customer feedback
● SMS/email on billing

F. Employee Management

● Login access with roles
● Attendance & shift tracking
● Sales per cashier
● Target and performance reports

G. Reports & Analytics

● Sales & Profit Report
● Stock Report
● Expiry Report
● Purchase Report
● Tax Report (GST-ready)
● Payment Mode-wise Report

H. Multi-Branch Support (Optional)

● Centralized dashboard
● Branch-wise stock & sales tracking
● Head office control

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3. Add-On Features (Optional)

● **Mobile App** for owner/manager (track live sales)
● **E-commerce integration** for online orders
● **WhatsApp/SMS integration** for billing or offers
● **QR Code-based billing** for customers
● **Self-checkout kiosk module**

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4. Technology Stack Suggestion

- Frontend: React/Vue.js (for web), Flutter (for mobile)
- Backend: Laravel / Node.js
- Database: MySQL / PostgreSQL
- Desktop POS: Electron.js / Java
- Cloud Hosting: AWS / DigitalOcean / Local Server Support

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5. Hardware Integration

- Barcode scanner
- Receipt printer
- Cash drawer
- Weighing scale (optional)
- RFID (for smart inventory)

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6. Security & Backup

- Encrypted logins & data
- Role-based access control
- Daily auto backup
- Cloud sync (if required)