

1. Sales & Billing Module

Purpose: Handle all sales transactions and billing operations.

Functional Requirements:

- Create invoices through POS
 - Support multiple payment modes:
 - Cash
 - Card (Debit/Credit)
 - Digital payments (UPI, Wallets, etc.)
 - Automatic tax calculation.
 - Apply discounts:
 - Item-wise discount
 - Bill-wise discount
 - Handle sales returns
 - Generate credit notes for returned goods
 - Link each transaction to a customer code (if applicable)
 - Role-based access (Admin, Cashier, Manager)
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2. Inventory Management Module

Purpose: Maintain accurate and real-time stock information.

Functional Requirements:

- Track stock levels in real time
 - Automatically update stock after:
 - Sales
 - Returns
 - Purchases
 - Low-stock alert based on predefined minimum quantity
 - View stock availability by product and variation
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3. Product Management Module

Purpose: Manage product catalog efficiently.

Functional Requirements:

- Store product details:
 - Product name
 - Brand
 - Category
 - Price
 - Support barcode and QR code scanning
 - Manage product variations:
 - Size
 - Type
 - Material
 - Enable easy product search and filtering
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4. Customer Management Module

Purpose: Maintain customer data and purchase behavior.

Functional Requirements:

- Save customer details:
 - Name
 - Phone number
 - Address
 - Birthday
 - Anniversary
 - Assign unique customer code
 - Track customer purchase history
 - Support credit/due management:
 - Outstanding balance
 - Payment tracking
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5. Supplier & Purchase Management Module

Purpose: Manage vendors and purchasing operations.

Functional Requirements:

- Create supplier/vendor master records
- Assign unique identification codes to vendors
- Create and manage purchase orders (PO)
- Track:
 - Incoming stock

- Stock in transit
 - Update inventory upon goods receipt
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6. SMS & Email Notification Module

Purpose: Keep customers informed automatically.

Functional Requirements:

- Send automatic SMS and Email notifications for:
 - Sales transactions
 - Payments
 - Returns
 - Credit notes
 - Notifications triggered after every POS transaction
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7. Return of Goods through POS

Purpose: Simplify returns and financial adjustments.

Functional Requirements:

- Allow return of goods directly through POS
 - Automatically:
 - Update inventory
 - Adjust customer account balance
 - Link return to original invoice and customer code
 - Generate credit note for returned items
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8. Loyalty Program Module

Purpose: Reward repeat customers.

Functional Requirements:

- Loyalty points accumulation:
 - Example: RS100 purchase = 1 point
- Point value:
 - 1 point = RS10 credit

- Points credited against customer code
 - Points redemption options:
 - End of financial year
 - Special occasions (festive offers)
 - View loyalty balance in customer profile
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9. Reporting & Export Module

Purpose: Provide business insights and data export.

Functional Requirements:

- Generate reports:
 - Sales report
 - Inventory report
 - Credit note report
 - Customer & vendor report
 - Purchase history
 - Employee performance report
 - Discount report
 - Export all reports to Excel format
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