🌐 API Documentation

🔐 Authentication & User Management

Method	Endpoint	Description
POST	`/api/auth/register`	Register User (Role: user by default) using Email OTP
POST	`/api/auth/login`	Login using OTP

Method	Endpoint	Description
POST	/api/auth/login-password	Login using email & password (for staff)
POST	/api/auth/send-otp	Send OTP to Email
POST	/api/auth/verify-otp	Verify OTP
GET	/api/auth/me	Get current user profile / Update own profile
POST	/api/auth/logout	Logout user
POST	/api/auth/change-password	Change password (for staff/admin)
POST	/api/auth/reset-password	Send password reset email
POST	/api/auth/reset-password/confirm	Confirm password reset with OTP or Token

👔 Staff Management

Method	Endpoint	Description
GET	/api/users/staffs	Get all staff members (Searchable)
POST	/api/users/staffs	Create new staff (by user)
PUT	/api/users/staffs/:id	Update staff details
DELETE	/api/users/staffs/:id	Delete staff

👤 Customer Management

Method	Endpoint	Description
GET	/api/customers	Get all customers (Searchable)
POST	/api/customers	Add new customer
PUT	/api/customers/:id	Update customer details
DELETE	/api/customers/:id	Delete customer

Method	Endpoint	Description
GET	/api/customers/:id	Get single customer details
GET	/api/customers/:id/details	Get detailed customer profile with sales, payments, dues, statement

🏭 Vendor Management

Method	Endpoint	Description
GET	/api/vendors	Get all vendors (Searchable)
POST	/api/vendors	Add vendor
PUT	/api/vendors/:id	Update vendor details
DELETE	/api/vendors/:id	Delete vendor
GET	/api/vendors/:id	Get single vendor details

🏷️ Category & Brand Management

Method	Endpoint	Description
GET	/api/categories	Get all categories
POST	/api/categories	Add new category
PUT	/api/categories/:id	Update category
DELETE	/api/categories/:id	Delete category

📦 Item & Inventory

Method	Endpoint	Description
GET	/api/items	Get all items (Searchable)
GET	/api/items/:id	Get single item

Method	Endpoint	Description
GET	/api/items/barcode/:barcode	Get item by barcode
POST	/api/items	Add new item
PUT	/api/items/:id	Update item details
DELETE	/api/items/:id	Delete item
GET	/api/items/low-stock	Get list of low-stock items
POST	/api/items/bulk-upload	Bulk import items via CSV/Excel

📥 Purchase Management

Method	Endpoint	Description
GET	/api/purchases	Get all purchase records (search, filter, pagination)
GET	/api/purchases/:id	Get single purchase details
POST	/api/purchases	Create new purchase entry (Add stock)
PUT	/api/purchases/:id	Update purchase details (admin only)
DELETE	/api/purchases/:id	Delete a purchase entry
GET	/api/purchases/vendor/:vendorId	Get all purchases from vendor
PUT	/api/purchases/:id/payment-status	Update payment status
GET	/api/purchases/report	Get purchase report
GET	/api/purchases/summary	Monthly/yearly purchase summary

💰 Sales Management

Method	Endpoint	Description
GET	/api/sales	Get all sales (Searchable)
GET	/api/sales/:id	Get single sale details
POST	/api/sales	Create new sale
PUT	/api/sales/:id	Update sale (optional)
DELETE	/api/sales/:id	Delete sale (optional)
POST	/api/sales/draft	Save sales draft
GET	/api/sales/drafts	List saved drafts
GET	/api/sales/summary	Monthly/yearly sales summary
PUT	/api/sales/:id/payment-status	Update payment status
POST	/api/sales/:saleId/send-invoice	Send invoice via WhatsApp after sales completed

💳 Transaction Management

Method	Endpoint	Description
GET	/api/transactions	Get all transactions
POST	/api/transactions	Add transaction
GET	/api/transactions/:id	Get single transaction

🧾 Invoice Management

Method	Endpoint	Description
GET	/api/invoices	Get all invoices
GET	/api/invoices/:id	Get specific invoice
GET	/api/invoices/sale/:saleId	Get invoice by sale ID

Method	Endpoint	Description
GET	/api/invoices/:id/download	Download invoice PDF

📊 Dashboard & Analytics

Method	Endpoint	Description
GET	/api/dashboard/top-customers	Top customers by sales
GET	/api/dashboard/top-items	Top-selling items
GET	/api/dashboard/sales-graph	Sales data for graphs
GET	/api/dashboard/stock-status	Low-stock items
GET	/api/dashboard/recent-sales	Recent transactions
GET	/api/dashboard/revenue	Revenue metrics
GET	/api/dashboard/recent-activities	System activities
GET	/api/dashboard/today-summary	Today's metrics
GET	/api/dashboard/customer-stats	Customer analytics
GET	/api/dashboard/category-wise-sales	Sales by category
GET	/api/dashboard/vendor-wise-purchase	Purchases by vendor
GET	/api/dashboard/profit-loss	Profit & Loss report

📈 Reporting API Endpoints

Sales Reports

Method	Endpoint	Description
GET	/api/reports/sales	Get detailed sales report (Date range, customer-wise, item-wise, category-wise)

Purchase Reports

Method	Endpoint	Description
GET	/api/reports/purchases	Get detailed purchase report (Date range, vendor-wise, item-wise)

Profit & Loss Reports

Method	Endpoint	Description
GET	/api/reports/bill-profit/:saleId	Get profit & loss report for a specific bill/invoice
GET	/api/reports/customer-profit-loss/:customerId	Get profit & loss summary for a specific customer
GET	/api/reports/item-profit-loss/:itemId	Get profit & loss for a specific item

Customer Reports

Method	Endpoint	Description
GET	/api/reports/customer-statement/:customerId	Get customer statement (Total purchase, total payment, dues)
GET	/api/reports/customers-summary	Get complete customer report with sales, payment, dues
GET	/api/reports/customer-sale-purchase/:customerId	Get sale & purchase report by specific customer

Inventory Reports

Method	Endpoint	Description
GET	/api/reports/item-details/:itemId	Get detailed report of an item (Sales, Purchases, Stock, Profit)
GET	/api/reports/low-stock-summary	Get summary of all low-stock & out-of-stock items

👑 Admin Management

Method	Endpoint	Description
GET	/api/admin/users	Get all users
GET	/api/admin/users/:id	Get user details
POST	/api/admin/users/staff	Create staff
PUT	/api/admin/users/:id	Update user
PUT	/api/admin/users/:id/role	Update role
PUT	/api/admin/users/:id/status	Toggle status
DELETE	/api/admin/users/:id	Delete user
GET	/api/admin/roles	Get all roles
GET	/api/admin/audit-logs	View audit logs

🔄 Optional Modules

Returns & Refunds

Method	Endpoint	Description
POST	/api/returns	Create return
GET	/api/returns	Get all returns
GET	/api/returns/:id	Get return details

Expenses

Method	Endpoint	Description
GET	/api/expenses	Get expenses
POST	/api/expenses	Add expense
PUT	/api/expenses/:id	Update expense
DELETE	/api/expenses/:id	Delete expense

Notifications

Method	Endpoint	Description
GET	/api/notifications	Get notifications

📱 Mobile Endpoints

Method	Endpoint	Description
POST	/api/mobile/sync	Mobile sync
GET	/api/mobile/offline-data	Offline data
POST	/api/mobile/upload-offline-data	Upload offline transactions