

Wireframe Structure

1. Login and Registration Page

- **Login Form** (Left side of the screen):
 - Fields:
 - Username/Email
 - Password
 - Button: **Login**
 - Link: **Forgot Password?**
 - Link: **Register New Business**
 - **Registration Form** (Right side of the screen):
 - Fields:
 - Business Name
 - Business Address
 - GSTIN Registration Number
 - Type of Business (Dropdown: Sole Proprietorship, Partnership, LLP, etc.)
 - TIN/PAN Number
 - Contact Details (Phone, Email)
 - Logo Upload (File input)
 - Button: **Submit**
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2. Company Setup

- **Step 1: Select Category**
 - Dropdown: Business Categories (e.g., Furniture, Bakery, Clothing, IT).
 - Display Top 10 businesses in the selected category (recommendations).
- **Step 2: Enter Business Details**
 - Sales, expenses, and other relevant business data.
- **Button: Proceed to Dashboard**

3. Main Dashboard

- **Top Bar:**
 - Display Company Name, Logo.
 - Quick links: Notifications, Settings.
- **Key Metrics Cards (Center):**
 - **Sales**
 - **Expenses**
 - **Profit**
 - **Turnover**
 - **Invoices Generated**
 - **Receipts Count**
- **Sidebar Menu:**
 1. **Dashboard:** Overview of sales, expenses, profits.
 2. **Customer Management:**
 - **Add Customer Form:** Name, Address, GSTIN.
 - **Customer List:** Display all added customers with action buttons.
 3. **Product Management:**
 - **Add Product Form:** Product Name, Type (e.g., food, medicine), HSN Code, Tax Rates (CGST, SGST), Price.
 - **Product List:** Display all products with options to edit or delete.
 4. **Invoice Generation:**
 - **Create Invoice:** Select customer, add products (auto-populate HSN Code and GST), adjust quantity, discount, and total.
 - **Invoice List:** All invoices with filters (date, customer, etc.).
 5. **Receipt Generation:**
 - Generate receipts and track payments from customers.
 6. **Expense Management:**
 - Add and track expenses (e.g., utilities, rent).
 7. **Reports:**

- View reports on sales, expenses, and taxes.
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4. Product Management Menu

- **Add Product Page:**
 - **Fields:**
 - Product Name
 - Product Type (Dropdown: Food, Medicine, etc.)
 - Subcategory (Dropdown based on HSN code)
 - HSN Code (Auto-suggest based on product type and subcategory)
 - Product Rate (per unit)
 - CGST/SGST Rates (Auto-filled but editable)
 - **Submit Button:** Save the product.
 - **Product List Page:**
 - Display a list of products with columns: Product Name, Type, HSN Code, Tax Rates, and Price.
 - Action buttons: Edit, Delete.
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5. Invoice Generation Page

- **Fields:**
 1. **Company Details** (Auto-filled from registration).
 2. **Customer Info:**
 - Select customer from a dropdown or manually add (name, address, GSTIN).
 3. **Product Selection:**
 - Dropdown: Select Product (automatically fills in HSN code, tax rates, and price).
 - Enter **Quantity**.

- **Discount:** Apply a discount (percentage or flat).
- Checkbox: **Include GST** or not.

4. **Invoice Summary:**

- Auto-calculated fields: Subtotal, Total Discount, Tax (GST), Grand Total.
- Display individual line items.

5. **Generate Invoice Button:** Creates a PDF invoice.

6. Expense and Receipt Management

- **Expense Management Page:**
 - Fields to add manual expenses (e.g., category, amount, date).
 - Track and view expenses in a list format.
 - **Receipt Generation Page:**
 - Fields: Customer, Payment Method, Amount.
 - Generate receipt in PDF format.
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7. Reports Page

- **Sales Report:** Breakdown of sales by product, customer, or date range.
- **Expense Report:** Track business expenses with filters.
- **Tax Report:** View taxes (CGST/SGST) collected by product and invoice.

Flowchart for Invoice System

1. Start

- Begin with user **Login** or **Registration**.
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2. Login/Registration

- **Decision: Registered User?**
 - If **Yes** → Go to Dashboard.
 - If **No** → Redirect to Registration Form.
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3. Registration Form

- Collect business information:
 - Business Name
 - Business Address
 - GSTIN Registration Number
 - Type of Business (Sole Proprietorship, Partnership, LLP, etc.)
 - TIN/PAN Number
 - Contact Details (Phone, Email)
 - Logo Upload
 - **Submit Form** → Proceed to Company Setup.
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4. Company Setup

- Select **Business Category** (Furniture, Bakery, etc.).
 - Input **Sales and Expenses** for benchmarking.
 - **Submit** → Go to Dashboard.
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5. Dashboard

- Display key metrics:
 - **Sales**
 - **Expenses**
 - **Profit**
 - **Turnover**
 - **Invoice Count**
 - **Receipt Count**
 - Sidebar Menu Options:
 - Customer Management
 - Product Management
 - Invoice Generation
 - Receipt Generation
 - Expense Management
 - Reports
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6. Customer Management

- **Decision: Add New Customer?**
 - If **Yes** → Show Add Customer Form:
 - Customer Name
 - Customer Address
 - GSTIN
 - If **No** → Go to Customer List.
 - **Submit** → Save customer details.
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7. Product Management

- **Decision: Add New Product?**
 - If **Yes** → Show Add Product Form:

- Product Name
 - Product Type (Food, Medicine, etc.)
 - HSN Code (Auto-populate based on type)
 - Product Rate (Price)
 - CGST/SGST (Auto-populate but editable)
 - If **No** → Go to Product List.
 - **Submit** → Save product details.
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8. Invoice Generation

- Select **Customer** from dropdown.
 - Select **Product** (HSN Code, CGST, SGST, Rate auto-populates).
 - Enter **Quantity** and **Discount**.
 - **Decision: Include GST?**
 - If **Yes** → Calculate taxes and totals.
 - If **No** → Skip GST calculation.
 - **Invoice Summary**: Subtotal, Discount, GST, Total.
 - **Generate Invoice** → Save invoice and generate PDF.
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9. Receipt Generation

- Select **Customer** and **Payment Method**.
 - Enter **Amount Paid**.
 - **Generate Receipt** → Save receipt and generate PDF.
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10. Expense Management

- Add **Expense** (e.g., rent, utilities, etc.).
- Track expenses in a list.

11. Reports

- Generate reports:
 - **Sales Report** (by product, customer, or date).
 - **Expense Report** (by category or date).
 - **Tax Report** (GST collected by product and invoice).
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12. End

- System completes invoice and financial tracking.