Store Manager Project Documentation

### INTRODUCTION:

**A Store Manager is a retail leader responsible for the daily operations, team management, customer satisfaction, and financial performance of a store. They oversee everything from staff training and sales strategies to inventory control and operational compliance, ensuring a seamless and profitable retail environment. Strong leadership, communication, and problem-solving skills are essential for success in this dynamic role.**

### PROJECT TITLE:

***STORE MANAGER***

### TEAM LEADER:

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# Project Overview

**The Store Manager project is developed to simplify the management of store activities. It provides functionalities such as adding products, tracking inventory, managing billing, and maintaining customer details. This system helps store owners reduce manual effort and improves efficiency by using a digital platform.**

### Objectives of the Project

**The main objectives of the Store Manager project are:**

**• To provide a simple and efficient store management system.**

**• To automate inventory tracking and reduce manual errors.**

**• To offer quick access to product details and billing information.**

**• To save time and improve customer service through digital management.**

### System Requirements

**The following requirements must be met before executing the project:**

**• Hardware: A computer with minimum 4GB RAM and stable internet connection.**

**• Software:**

**- Node.js (Latest LTS version)**

**- Visual Studio Code (VS Code)**

**- Web Browser (Google Chrome / Microsoft Edge)**

### Modules in the Project

**The Store Manager project consists of the following modules:**

**• Product Management – Add, edit, delete, and view products.**

**• Inventory Control – Track stock availability and prevent shortages.**

**• Billing System – Generate bills and manage sales transactions.**

**• User/Customer Records – Maintain details of customers and store users.**

### Installation Steps

**Follow the steps below to install the required dependencies:**

**1. Download and install Node.js (LTS version) from the official Node.js website.**

**2. Install Visual Studio Code (VS Code) editor.**

**3. Download the Store Manager project source code.**

**4. Extract the project folder (if downloaded as a zip).**

### CODING FOR ST0RE MANAGER:

**import './App.css';**

**import {**

**createBrowserRouter,**

**RouterProvider,**

**} from "react-router-dom";**

**import AddProduct from './components/AddProduct';**

**import ProductCatalog from './components/Product/ProductCatalog';**

**import Layout from './Layout';**

**import Cart from './components/Cart/Cart';**

**import NotFound from './pages/NotFound';**

**import { CartProvider } from './context/CartContext';**

**import Inventory from './components/Inventory/Inventory';**

**import { InventoryProvider } from './context/InventoryContext';**

**import { SalesProvider } from './context/SalesContext';**

**import Sales from './components/Sales/Sales';**

**const router = createBrowserRouter([**

**{**

**element: (**

**<Layout />**

**),**

**children: [**

**{**

**path: "/",**

**element: <ProductCatalog />,**

**},**

**{**

**path: "/add-product",**

**element: <AddProduct />,**

**},**

**{**

**path: "/inventory",**

**element: <Inventory />,**

**},**

**{**

**path: "/cart",**

**element: <Cart />,**

**},**

**{**

**path: "/sales",**

**element: <Sales />,**

**},**

**{**

**path: "\*",**

**element: <NotFound />,**

**},**

**}**

**])**

**const App = () => {**

**return (**

**<InventoryProvider>**

**<CartProvider>**

**<SalesProvider>**

**<RouterProvider router={router} />**

**</SalesProvider>**

**</CartProvider>**

**</InventoryProvider>**

**);**

**}**

**export default App**

### Execution Steps

**1. Open Visual Studio Code.**

**2. Open the Store Manager project folder in VS Code.**

**3. Open a new terminal in VS Code.**

**4. Type the following command and press Enter:**

**npm install**

**(This will download and install all necessary dependencies).**

**5. After installation completes, type the following command and press Enter:**

**npm start**

**6. The application will open in the browser at the following address:**

[**http://localhost:3000**](http://localhost:3000)

### Output

**Once the application runs successfully, the Store Manager interface will be displayed in the web browser. The output screen will show the store dashboard, product management, and related features.**

**Store Manager dashboard opens.**

**Features include:**

**Product Catalog (view products)**

**Add Product (insert new items)**

**Inventory (track stock)**

**Cart (manage billing)**

**Sales (view sales report).**

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# Advantages of the Project

**The Store Manager project offers the following advantages:**

**• Saves time by automating store processes.**

**• Reduces manual errors in billing and inventory tracking.**

**• Easy to use interface suitable for all types of users.**

**• Scalable for both small shops and large stores.**

# Future Enhancements

**In future, the following features can be added to improve the project:**

**• Online payment gateway integration for billing.**

**• Advanced analytics dashboard for sales insights.**

**• Multi-user login system with role-based access.**

**• Cloud storage integration for remote access and backup.**

# Conclusion

**The Store Manager project has been successfully set up and executed. It provides a strong base for managing store operations efficiently. With future enhancements, it can become a complete solution for retail and wholesale businesses.**

THANK YOU