**Sales App**

**Frontend**

1. **Create react app using ---** npx create-react-app sales-app
2. **Created a two folder inside src**

* Components: In the component folder created Navbar.jsx and making responsive using bootstrap
* And Render all the component it in root component i.e. App.js by using BrowserRouter ,Routes ,Route From react router dom lib. Install by command npm I react-router-dom
* Inside Component folder required components are Navbar.js,Form.js,Login.jsx,Registration.jsx,Revenue, Topsales.jsx
* Give proper font by Google Fonts
* Navbar.jsx: Create Navigation Bar to navigate on specific Component user can access that when the user have Authentication From Backend
* By Default the Login Page will render when the app will start , if the user is not register then register through Registration Tab with required information
* When User Login Token and user Data is stored in localStorage and after logout localStorage will remove and user is not Authenticated to Add Sales and Top Sales and Revenue
* To maintain the login and Logout state using Redux
* All validation done in Backend and access the validation using axios library and fronted connected to Backend using Axios

**Backend**

* Created a Package .json file using > npm init -y
* Install All the library using > npm I express cors mongoose jsonwebtoken bcryptjs
* Created a Backend Server 4000
* Now created connecion with MongoDB using connect function of mongoose libray
* Use some Middleware sunch as cors and express.json()
* Created different REST APIs to post the login , register or add sales and get all sales data from MongoDB
* I created Middleware to protect the addsales and getallsales route to check the user is authenticated or not
* All the APIs have validated andprotected
* We have created Schemas to create MongoDB Document for salesData and userData

**All the API are tested successful and working properly**

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