**Documentation**

1. **setup**
   1. Install the necessary package from package.json
   2. In index.html
      1. Include the font link form google font in <link> tag, <style> in <link>
   3. Remove all the css from app.css and index.css
2. **In App.js** // refer the code for understanding
   1. Create all the routes required for routing through the pages.
   2. Import all the pages from page folder use it in routing.
   3. First use dummy data from dummy data folder, and later on use live data from firebase
   4. Dark.scss/style is imported, which is normally used for creating the dark mode.
   5. Import darkMode, currentUser from respective context assigned in context file.
   6. RequiredAuth is used to protect the routes using currentUser state, need to surround the components involved in <route> in the same file.
   7. darkMode is used for toggling the dark and light mode
3. **Components**
   1. **Chart**
      1. Import boiler plate code from rechart
      2. Use mock data to populate the chart, later on fill the chart with firebase data.
      3. Change <Areachart data = { user data to populate }>
   2. **Datatable**
      1. Import table code from Material Ui.
      2. Refer code for better understanding
      3. Use code snippet from the firebase docs to display and delete the user data
   3. **Featured,** 
      1. Just jsx
   4. **Navbar**
      1. Dispatch is imported from reducer from context api (dark mode)
      2. Type = toggle is dispatch to global context while clicking on darkmode icon
   5. **sidebar**
      1. Just jsx
      2. And dispatching the dark mode to context file
   6. **TableChart**
      1. Import table from material ui.
      2. Use dummy data first later on use data from firebase
   7. **widget**
      1. Import table from material ui.
      2. Use dummy data first later on use data from firebase
4. **Pages**
   1. **Home**
      1. Import sidebar, Navbar, Widget, chart, featured, tablechart and use it here to render
   2. **SinglePage**
      1. Use jsx to display to user content
   3. **List**
      1. Use jsx to show datatable
   4. **login**
      1. first write for password and email and set the value to state.
      2. import authContext for dispatching the login payload.
      3. On login -> handlelogin -> use siginwithemailandpassword() and use dispatch upon authentication.
      4. Refer code more details are provided
   5. Add
      1. Write the necessary jsx
      2. Use the dummy data userInputs for mapping and duplicating the input field which is pass down from app.js
5. **firebase**
   1. first the use npm i firebase dotenv –> dotenv for vite only
   2. create the .env file
   3. use( VITE\_xxx ) vite at first to recognize by the vite engine
   4. in apiKey: use import.meta.env.xx in boiler code pasted from the docs.
6. **Context**
   1. Read authReducer file
   2. Read authContext file