## Page:1

# GoogleAuth

## package.json

"dependencies": {

"axios": "^1.7.2",

"firebase": "^10.12.3",

"react": "^18.3.1",

"react-dom": "^18.3.1",

"react-firebase-hooks": "^5.1.1",

"react-google-button": "^0.8.0",

"react-router-dom": "^6.24.1"

## main.jsx

import ReactDOM from "react-dom/client";

import App from "./App.jsx";

import "./index.css";

import { BrowserRouter } from "react-router-dom";

ReactDOM.createRoot(document.getElementById("root")).render(

<BrowserRouter>

<App />

</BrowserRouter>

);

## App.jsx

import AllRoutes from "./AllRoutes";

import Navbar from "./Components/Navbar";

import "./App.css";

## page:2

function App() {

  return (

    <>

      <Navbar />

      <AllRoutes />

    </>

  );

}

export default App;

## AllRoutes.jsx

import { Route, Routes } from "react-router-dom";

import Login from "./Components/Login";

import Dashboard from "./Components/Dashboard";

import PrivateRoute from "./Components/PrivateRoute";

// import Navbar from "./Components/Navbar";

const AllRoutes = () => {

return (

<div>

<Routes>

{/\* <Route path="/" element={<Navbar />}></Route> \*/}

<Route path="/login" element={<Login />}></Route>

<Route

path="/dashboard"

element={

<PrivateRoute>

<Dashboard />

</PrivateRoute>

}

></Route>

</Routes>

</div>

);

};

export default AllRoutes;

## page:2

function App() {

  return (

    <>

      <Navbar />

      <AllRoutes />

    </>

  );

}

export default App;

## page:2

function App() {

  return (

    <>

      <Navbar />

      <AllRoutes />

    </>

  );

}

export default App;

# Page:3

# Components

# Dashboard.jsx

import axios from "axios";

import { useEffect, useState } from "react";

import { useAuthState } from "react-firebase-hooks/auth";

import { auth } from "../Services/Firebase";

const Dashboard = () => {

const [data, setData] = useState([]);

const [user] = useAuthState(auth);

console.log(user);

const fetchdata = () => {

axios

.get("https://fakestoreapi.com/products")

.then((res) => setData(res.data))

.catch((err) => console.log(err));

};

useEffect(() => {

fetchdata();

}, []);

return (

<div>

{/\* optional training \*/}

<img src={user?.photoURL} alt="" />

<h3>{user?.displayName}</h3>

<h1>Product</h1>

<div

style={{

# Page:4

display: "grid",

gap: "100px",

gridTemplateColumns: "repeat(3,1fr)",

}}

>

{data.map((el) => (

<div key={el.id}>

<img src={el.image} alt="" height={200} width={200} />

</div>

))}

</div>

</div>

);

};

export default Dashboard;

# Login.jsx

import { signInWithPopup, signOut } from "firebase/auth";

import { auth, provider } from "../Services/Firebase";

import GoogleButton from "react-google-button";

const Login = () => {

const handleClick = () => {

signInWithPopup(auth, provider)

.then((res) => console.log(res))

.catch((err) => console.log(err));

};

const handleLogout = () => {

signOut(auth)

// eslint-disable-next-line no-unused-vars

# Page:5

.then((res) => {

alert("logout");

})

.catch((err) => console.log(err));

};

return (

<div>

<GoogleButton onClick={handleClick}>Login with Google</GoogleButton>

<button onClick={handleLogout}>Logout</button>

</div>

);

};

export default Login;

# Navbar.jsx

import { Link } from "react-router-dom";

const Navbar = () => {

return (

<div style={{ display: "flex", justifyContent: "space-between " }}>

<Link to={"/login"}>Login</Link>

<Link to={"/dashboard"}>Dashboard</Link>

</div>

);};

export default Navbar;

# PrivateRoute.jsx

/\* eslint-disable react/prop-types \*/

# Page:6

import { useAuthState } from "react-firebase-hooks/auth";

import { Navigate } from "react-router-dom";

import { auth } from "../Services/Firebase";

const PrivateRoute = ({ children }) => {

const [user] = useAuthState(auth);

// const isAuth = false;

if (!user) {

return <Navigate to={"/login"} />;

}

return children;

};

export default PrivateRoute;

# Service Folder

## Firebase.js

// Import the functions you need from the SDKs you need

import { initializeApp } from "firebase/app";

import { GoogleAuthProvider, getAuth } from "firebase/auth";

// TODO: Add SDKs for Firebase products that you want to use

// https://firebase.google.com/docs/web/setup#available-libraries

// Your web app's Firebase configuration

const firebaseConfig = {

apiKey: "AIzaSyDzSmJuZxy1kvQJSj8\_Y8nqS6lo8kQ084w",

authDomain: "auth-8541b.firebaseapp.com",

projectId: "auth-8541b",

storageBucket: "auth-8541b.appspot.com",

# Page:7

messagingSenderId: "744786592612",

appId: "1:744786592612:web:90a44fe4c197e6a9c67071",

};

// Initialize Firebase

const app = initializeApp(firebaseConfig);

export const auth = getAuth(app);

export const provider = new GoogleAuthProvider();