**Final Project Part-3 (Auth Recap)**

73-1 Module Introduction and Firebase Project setup

#### 73-2 Setup Login page, Implement Sign in with Google

import React from "react";

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

import auth from "../../firebase.init";

const Login = () => {

  const [signInWithGoogle, user, loading, error] = useSignInWithGoogle(auth);

  return (

    <div className="flex h-screen justify-center items-center">

      <div className="card w-96 bg-base-100 shadow-xl">

        <div className="card-body">

          <h2 className="text-center text-2xl font-bold">Login</h2>

          <div className="divider">OR</div>

          <button

            onClick={() => signInWithGoogle()}

            className="btn btn-outline"

          >

            Continue with Google

          </button>

        </div>

      </div>

    </div>

  );

};

export default Login;

#### 73-3 Explore React Hook Form and create email input

#### 73-4 Create Login Form using React Hook Form Validation

#### 73-5 Handle Login Error and display loading spinner

import React from 'react';

const Loading = () => {

    return (

      <div className="h-screen flex items-center justify-center ">

        <div className="w-16 h-16 border-b-2 border-gray-900 rounded-full animate-spin"></div>

      </div>

      // another loading

      // <div className="h-screen flex justify-center items-center">

      //   <button className="btn loading">loading</button>;

      // </div>

    );

};

export default Loading;

#### 73-6 Implement Registration Form to create new user

#### 73-7 Update User name and implement conditional sign out

#### 73-8 Require Auth and redirect user to the page they wanted to go

import React from "react";

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

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

import auth from "../../firebase.init";

import Loading from "../Shared/Loading";

const RequireAuth = ({ children }) => {

  const [user, loading] = useAuthState(auth);

  const location = useLocation();

  if (loading) {

    return <Loading></Loading>;

  }

  if (!user) {

    return <Navigate to="/login" state={{ from: location }} replace></Navigate>;

  }

  return children;

};

export default RequireAuth;

#### 73-9 Module Summary and clear all warnings