\*\*\* React Hooks \*\*\*

(1)create an app

(2)add routing

(3)login api

(4)register api

(5)listing api

(6)login auth

<https://reactrouter.com/web/guides/quick-start>

open terminal and run below command aside folder location:

npm install react-router-dom

right click on ‘src’ folder and create a new folder name of ‘**cmp**’ and right click on cmp folder and create 5 components:

About.js , Auth.js , Home.js , Listing.js , Protected.js

Open About.js file and paste below code:

import React,{Component} from 'react';

class About extends Component{

    render()

    {

        return(

            <div>

                About Component

            </div>

        )

    }

}

export default About;

open Auth.js file and paste below code:

import React,{Component} from 'react';

import {

    Redirect

   } from "react-router-dom";

class Auth extends Component{

    constructor()

    {

        super();

        this.state={

            isRegister:false

        }

    }

    login()

    {

        console.warn("login called",this.state);

        fetch('http://127.0.0.1.8000/api/login',{    // use self api to solve error

            method:"POST",

            headers:{

                "Accept" : "application/json",

                "Content-Type" : "application/json",

            },

            body:JSON.stringify(this.state)

        }).then((result)=>{

            result.json().then((resp)=>{

                console.log(resp)

                localStorage.setItem("auth",JSON.stringify(resp.success.token))

            })

        })

    }

    register()

    {

        console.warn("login called",this.state);

        fetch('http://127.0.0.1.8000/api/register',{    // use self api to solve error

            method:"POST",

            headers:{

                "Accept" : "application/json",

                "Content-Type" : "application/json",

            },

            body:JSON.stringify(this.state)

        }).then((result)=>{

            result.json().then((resp)=>{

                console.log(resp)

                localStorage.setItem("auth",JSON.stringify(resp.success.token))

            })

        })

    }

    render()

    {

        var auth = JSON.parse(localStorage.getItem('auth'))

        return(

            <div>

                {

                    auth ?  <Redirect to="home"></Redirect>:null

                }

               {

                   !this.state.isRegister?

                   <div>

                   <input type="text" placeholder="email" onChange={(e)=>{this.setState({email:e.target.value})}} /><br /><br />

                   <input type="text" placeholder="password" onChange={(e)=>{this.setState({password:e.target.value})}} /><br /><br />

                   <button onClick={()=>this.login()}>Login</button>

                   <button onClick={()=>this.setState({isRegister:true})}>Goto Register</button>

               </div>

               :

                <div>

                    <input type="text" placeholder="name" onChange={(e)=>{this.setState({name:e.target.value})}} /><br /><br />

                    <input type="text" placeholder="email" onChange={(e)=>{this.setState({email:e.target.value})}} /><br /><br />

                    <input type="password" placeholder="password" onChange={(e)=>{this.setState({password:e.target.value})}} /><br /><br />

                    <input type="password" placeholder="confrim password" onChange={(e)=>{this.setState({c\_password:e.target.value})}} /><br /><br />

                    <button onClick={()=>this.register()}>Register</button>

                    <button onClick={()=>this.setState({isRegister:false})}>Goto Login</button>

                </div>

                }

            </div>

        )

    }

}

export default Auth;

Open Home.js file and paste below code:

import React,{Component} from 'react';

class Home extends Component{

    render()

    {

        return(

            <div>

                Home Component

            </div>

        )

    }

}

export default Home;

Open Listing.js file and paste below code:

import React,{Component} from 'react';

class Listing extends Component{

    constructor()

    {

        super()

        this.state={

            items:null

        }

    }

    componentDidMount()   // use self api to solve error

    {

        fetch('http://127.0.0.1.8000/api/product').then((result)=>{

            result.json().then((data)=>{

                console.warn("data",data)

                this.setState({items:data})

            })

        })

    }

    render()

    {

        return(

            <div>

                {

                    this.state.items ?

                    this.state.items.map((item)=>

                    <div>

                        <h1>{item.name}</h1>

                        <h1>{item.category}</h1>

                    </div>

                    )

                    : null

                }

            </div>

        )

    }

}

export default Listing;

Open Protected.js file and paste below code:

import React,{Component} from 'react';

import {

   Redirect

  } from "react-router-dom";

function Protected(props){

        const Cmp = props.cmp;

        var auth = JSON.parse(localStorage.getItem('auth'))

        console.warn(auth)

        return ( <div>

                {auth ? <Cmp /> : <Redirect to="login"></Redirect>}

               </div>

        )

}

export default Protected;

open App.js file and import below components:

import About from './cmp/About';

import Home from './cmp/Home';

import Listing from './cmp/Listing';

import Auth from './cmp/Auth';

import Protected from './cmp/Protected';

import {

  BrowserRouter as Router,

  Switch,

  Route,

  Link

} from "react-router-dom";

and paste below code instead of App() function:

class App extends React.Component

{

  render() {

    return (

      <div className="App">

     <h1>welcome</h1>

     <Router>

        <Link to="home" >Home</Link>

        <Link to="about">About  </Link>

        <Link to="list">Product Listing  </Link>

        <Link to="/">Login</Link>

        <Switch>

          <Route path="/about">

            <About />

            {/\* <Protected cmp={About} /> \*/}

          </Route>

          <Route path="/home">

            <Home />

            {/\* <Protected cmp={Home} /> \*/}

          </Route>

          <Route path="/list">

            <Listing />

            {/\* <Protected cmp={Listing} /> \*/}

          </Route>

          <Route path="/">

          <Auth />

          </Route>

        </Switch>

     </Router>

      </div>

    )

  }

}

Open index.css file and add below code:

a{

  padding: 10px;

}

Than save and check browser with console.