React Router

Q : Create React app with modules and lazy loading (Admin-user module with child router and outlet).

Code:

1.Header.jsx

import React from 'react'

import { NavLink } from 'react-router-dom'

function Header() {

    return (

        <nav className="navbar navbar-expand-lg navbar-light bg-light">

            <div className="container-fluid">

                <button className="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarTogglerDemo01" aria-controls="navbarTogglerDemo01" aria-expanded="false" aria-label="Toggle navigation">

                    <span className="navbar-toggler-icon" />

                </button>

                <div className="collapse navbar-collapse" id="navbarTogglerDemo01">

                    <ul className="navbar-nav me-auto mb-2 mb-lg-0">

                        <li className="nav-item">

                            <NavLink to="/HOME" className="nav-link" aria-current="page">Home</NavLink>

                        </li>

                        <li className="nav-item">

                            <NavLink to="/ABOUT" className="nav-link">About</NavLink>

                        </li>

                        <li className="nav-item">

                            <NavLink to="/CONTACT" className="nav-link">About</NavLink>

                        </li>

                    </ul>

                </div>

            </div>

        </nav>

    )

}

export default Header

2.Home.jsx

import React from 'react'

function HOME() {

  return (

    <div>

      <h3 className='text-center'>This is a Home Page</h3>

    </div>

  )

}

export default HOME

3.About.jsx

import React from 'react'

function ABOUT() {

  return (

    <div>

      <h3 className='text-center'>This is a About Page</h3>

    </div>

  )

}

export default ABOUT

4.Contact.jsx

import React from 'react'

function CONTACT() {

    return (

        <div>

            <h3 className='text-center'>This is a Contact Page</h3>

        </div>

    )

}

export default CONTACT

5.App.js

import React, { Suspense } from 'react'

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

import Header from './Header';

const HOME = React.lazy(() => import('./HOME'));

const ABOUT = React.lazy(() => import('./ABOUT'));

const CONTACT = React.lazy(() => import('./CONTACT'))

export default function MainLazy() {

    return (

        <>

            <BrowserRouter>

                <Routes>

                    <Route path='/' index element={<><Header /></>}></Route>

                    <Route path='/HOME' element={<><Header /> <Suspense fallback={<div className="spinner-border" role='status' />}> <HOME /> </Suspense></>}></Route>

                    <Route path='/ABOUT' element={<><Header /> <Suspense fallback={<div className="spinner-border" role='status' />}> <ABOUT /></Suspense> </>}></Route>

                    <Route path='/CONTACT' element={<><Header /> <Suspense fallback={<div className="spinner-border" role='status' />}></Suspense> <CONTACT /></>}></Route>

                </Routes>

            </BrowserRouter>

        </>

    )

}

Output:

