what is the difference between Link and NavLink in React.js?

 both **Link** and **NavLink** allow us to create links to different pages in our application, but **NavLink** offers us more advanced capabilities, such as the ability to display different styles for the link depending on whether we are on its path or not. The use of each component depends on your needs: if you need a simple link, **Link** will be sufficient. If you need more control over the appearance of the link, **NavLink** will be the right choice.

what is useNavigate hook?

The useNavigate hook is part of the react-router-dom package that allows programmatic routing inside a React application. The method returns a function that can be invoked with a URI to redirect the client to the respective page.

what are protected routes?

Protected routes are routes that allow access to authorized users only. This means that users must first meet certain conditions before accessing that specific route. This is essential for securing certain routes or information