

App Navigation

1. Index.js renders App.js
2. App.js routes the separate pages to their URLs and the log in page is the default ('/')
3. From the login page,
 - a. If logged in successfully, the login button uses `navigate()` to move to the homepage ('/homepage'). The returned token is stored in `localStorage` in an item called 'JWT' which is accessible from all components.
 - b. The 'create an account' button is a link to the registration page ('/register')
4. From the register page,
 - a. If registered successfully, the submit button uses `navigate()` to move to the login page.
5. The homepage is consistently on the screen but the main component it displays changes.
 - a. Conditional rendering allows one component on the screen at once.
 - b. Search is passed the value searched through a context provider and can be accessed by the value `finalSearch`.
 - c. Log out calls the log out endpoint, clears `localStorage`, and uses `navigate()` to direct to the login page.
 - d. The JWT can be accessed using `localStorage.getItem('JWT')`
 - e. The rest of the buttons also lead to their own independent components.