

Requirement 4: Creating login authentication (pushed onto “firebase” branch on team github).

For this requirement, I started setting up google firebase for login authentication. Due to short time span and last minute notice from another member who was unable to complete it.

I have been following webdev simplified's tutorial and react and firebase:

<https://www.youtube.com/watch?v=PKwu15ldZ7k&t=1734s>

Through the tutorial:

I learned to setup the configuration file for firebase.js and authentication context.

The context is used to save the state of the current user who is logged in and contains signup methods for signing a user up, logging in and logging out. The context page also takes advantage of react state, to verify if users are inside and to track loading state (disable users for creating the same account multiple times while loading).

I also started setting up a simplified sign in page. It uses useRef() objects to get the information stored in the text fields and useNavigation from the react-router-dom library to change pages. The project is failing here because of a problem with the routing.

If it had succeeded, the plan would have been to add routing to the login page and then throw the data to the welcome message on the navigation bar.