

Program 2: ReactJS. Due March 31

You are going to create a ReactJS SPA to be the frontend for your program 1. The user will “log in” the site. That username will be used when they create any posts or comments. Until the user logs in, they won’t see any posts or comments. Once logged in the first screen will display a list of all the posts. When the user clicks on a post, it will then display the post with all the comments.

Undergraduate:

1. You will also need a logout on at least the “main” section.
 - a. When the user logs out, no posts or comments will display, just a “login screen”.
2. Your app will use all the APIs from program 1 to list posts, create posts, edit and delete posts. How you choose show “create, edit and delete posts” is up to you. But it uses the username that the user logged in with.
3. Same with comments on posts.
4. When Post and comments are displayed, there should be a button/method to return to the full post list (ie a “back button” or something like it).
5. Lastly, when user creates/edits/deletes a post and/or comment, it should display those changes immediately.
 - a. Display server Error messages if they attempt to edit/delete posts they are not allowed to.

Graduate:

1. All the undergraduate version
2. Change, when the user logs in, it will display the 5 categories you selected from program 1, using the list category API. The user can then click a category and see all the posts.
 - a. There should be a “back” button on the list posts section, go back to the category view.
 - b. The logout button should also be included on the category view and the list posts view.

Use this link to get the GitHub repo: <https://classroom.github.com/a/f7xj9lcy>

Turn in:

1. Make sure the readme has been updated, name, Program 2
2. Update the AI use section
3. Make sure you push everything to GitHub.
4. This will be too difficult to grade without you, so arrangements will be made to have to live demo the site and that everything works. Or You can create a video showing that everything works.