

- Discord Meeting:
  - Editing posts and comments:
    - A few concerns were brought forth in regards to editing posts and comments. The main concern is how we were returning and handling our objects.
    - There was no way to currently check if the user is the owner of the post/comment as we were hiding their username and setting it to Anonymous so we can keep our user's identity safe.
    - However, by returning the objects as anonymous, there was no way for the front end to ever know if the post belonged to the user unless it used the "getPostsByUser" endpoint.
    - We discussed whether we wanted to make it so that posts could only be edited from the "MyPosts" page and decided to go forward with this.
    - After some testing, we found that the state being passed between views ended up getting reset upon page reload. This could cause problems and would most certainly be seen as a bug.
    - We went back to the drawing board to find a backend solution. We decided to include only the user's id instead of hiding the username as anonymous.
    - The advantages of this would make it much easier for the frontend development, allowing for us to develop quickly. The only downside is that we are still returning the user's uid, which might still have some security issues. However, the risks outweigh our priorities for developing.
      - It is also worth noting that all of our users' information is protected by Cognito, which is kept secure by an AWS IAM role.
    - We proceeded to update the entire backend to show uid instead of username.
  - VM:
    - We got access to the VM and we can now set up the CI/CD stack once we've got the chance.
  - Acceptance Tests:
    - Mobile integration tests do not seem to work and are very flaky with the website login screen for Cognito.
    - We decided to continue writing our acceptance tests for mobile as a manual process due to the complexity and

inconsistent nature that came with testing it automatically.

- There will be similarities between the website and mobile, but their workflows are not identical, so they are both still documented.
- Communication:
  - Today, we learned a lot about the hidden intricacies of communicating online. While we came across some differences, we came through and learned about how to better communicate with each other.
  - We are going to strive to be better with text communication as we are all very busy students and don't necessarily have the time to stay for a meeting after class.
  - But we also explored the idea of hopping into a quick Discord call to expedite our conversations.
  - We also realized that it is very important to take our time with our PRs and make sure to provide as much information as possible when doing our review. It also really pays to speak with kindness :)
- Action Items:
  - Modify the backend to use uid instead of username.
  - Change the database schema to use uid instead of username.
  - Modify the documentation to use uid instead of username.
  - Look into setting up the VM with Jenkins to get CI/CD set up.
  - Write documentation for acceptance tests on mobile.
  - Work on frontend to be able to edit posts and comments through the user's uid to make sure they own the post.
  - Practice our communication skills with our project-related conversations.