

A decorative graphic on the left side of the slide consisting of two overlapping parallelograms. The front one is blue and the back one is a light green. They are positioned diagonally, with the blue one partially covering the green one.

Closure Presentation: Rating Project

CS 498



Initial Features and Final Features

- User accounts (apprentice, admin, FTE)
 - Ability to rate apprentices
 - Ability to view ratings received
 - Admin ability to add/remove people
 - Admin can add categories
- User accounts (apprentice, admin, FTE)
 - Ability to rate apprentices
 - Ability to view ratings received
 - Admin ability to add/archive people
 - Ability to view ratings given
 - Admin and FTE can add/archive categories
 - Users can edit their personal information
 - Admin and FTE can view other apprentice's ratings
 - Admins can change user's roles
 - User pages have rating averages
 - User pages have a rating chart



Requirement Match Cont.

Any Missing Requirements?

- No! All features were completed and confirmed with the client.

What new features have been added over time?

- Ability to view ratings given
- FTE can add/archive categories
- Users can edit their personal information
- FTE can view other apprentice's ratings
- Admins can change user's roles
- User pages have rating averages
- User pages have a rating chart



Final Meeting with Client

- Software requirements
 - Kendra was very impressed by the bug fixes and can't wait to use it more. Made a small suggestion/insight that it may have been interesting to make each category have a color associated with it to show on the chart.
 - Jason was very impressed with everything, said it met his expectations of the product nicely. Wishes he could have had a way to run it without getting everything setup from Github to have messed around with it more and given better suggestions/feedback (hosted on Azure).
- User documentation
 - Looks good, no comment
- Deployment documentation
 - Looks good, no comment
- Development documentation
 - Looks good, no comment



Transfer

- Discussed the transfer with Jason
 - Made him a collaborator of the GitHub repositories
 - This is the only transfer that they felt was appropriate
 - Asked if they needed any assistance, none was necessary



The Good

- The mandatory twice a week meeting kept everyone accountable and on track.
- Emphasized Slack communication to its fullest.
- Held retrospectives with mentor to help understand past failures and successes.
- Did enjoy the use of the GitHub Slack bot for task notification and push notification.
- Utilizing Yarn instead of NPM was easier to configure and understand.
- Using React instead of Vue provided a stable ground for support and entry for TypeScript.



The Bad

- Containerization
 - The client didn't require containerization and the configuration and maintenance for the containers (especially for full-stack connectivity) is too much for a small team project.
 - Would use this if this was a official company with a built-in process already there.
- GraphQL
 - It's a new technology, so it doesn't have a lot of community support.
 - To get it to work well with everything else, we used a ORM system and a newer framework.
 - This came with technical difficulties and knowledge gaps.
 - The configuration wasn't good and the system felt excessive for a backend application.



The Future

- GitHub Issue Trackers
 - Issue trackers were used to track all the issues per iteration.
 - Hard to manage because of inconvenience to double check on GitHub.
 - Would utilize this more if the issues were smaller and PRs were better integrated with closing the issues.
 - Would have utilized this more if we brought it up more during meetings.
- Testing
 - There is a value in testing any application.
 - However, we never completed testing due to lack of technical capabilities.
 - Wished we could have integrated this from the beginning.



Final Thoughts

- Eli: Feel like the project was completed and met the client's expectations. The year-long process was a mix of feelings. Wished that project had better integration earlier on about many of the items later required throughout the year, especially about new concepts for many senior CS students.
- Nick: Having no prior experience with web development before this project made it interesting to work on at the beginning. After working on it and taking extra classes to learn, I thought this project went extremely well as all members were willing to help one another with concepts they did not feel 100% comfortable with. I would gladly work on another project with my group members.
- Brayden: I believe this was a very good exercise in how "real world" software development may actually plan out with a group. As a developer, this project helped push me in new ways that will help carry me into the next chapter of my life.
- Joshua: Coming into this with very little actual coding experience I feel that I learned quite a bit from this project and became much more comfortable of a coder as well as learning many new and interesting things that I can take into the future, as well as making connections not only with my teammates, but with the client and with my mentor as well to help me in the future.