

Sprint 2 retro

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Things That Went Well

- Ryan and Erik are happy with their backend development.
- Collaboration between front end and back end was improved from last sprint.
- Consistent workspaces to complete tasks as a team.
- Happy with the overall progress of the project.
 - We were able to implement most of the expected features, though not as many as we had initially estimated for our group
- We were quick to communicate when encountering bugs between front and back end integration, allowing us to reduce bottlenecks
- The back-end API setup was well developed, making front end integration easier

- Github communication was good. Very clear which branches was dev or complete functional.

Things That Could Have Gone Better

- Implementation of unit testing on front end had a much steeper learning curve than expected
- Implementation of unit testing on back end had a much steeper learning curve than expected
- Many elements of React were a struggle to get working due to lack of prior experience with the framework
- Time management could have been better, as much of the feature implementation occurred toward the end of the sprint

Things That Surprised Us

- The amount of work needed to implement the functionality we wanted in this sprint.
- How much research was required to learn about React and CircleCI
- Personal note from Matt:
 - During the end of sprint 1 and throughout sprint 2, I was dealing with some changes to my regular medication, and experiencing side effects such as lack of sleep and migraines. As a result, I was less able to work on assignments productively, which contributed to the front end development falling behind schedule.

Lessons Learned

- We need to be allocating suitable time for each user story based on difficulty.
- Keep consistent communication
- Ensure all group members are contributing evenly to the project, and communicating any issues promptly

Final Thoughts

- Overall we were able to get many important features implemented by the end of this sprint. However, some functionalities, particularly those from front end had to be carried over from Sprint 1, disrupting our initial estimates of what we could achieve. Going forward, we aim to implement those functionalities, perform some code refactoring, and improve the design and user-friendliness of the site. We also aim to improve our group dynamic, balancing tasks more evenly, and encouraging open communication among all group members.