

Sprint 4 Report
Project Quiet Place
Team The 5 Quieteers
12/01/2019

Actions to stop doing: We are completely satisfied with our current positions and processes. Collaboration is going smoothly and we are making progress throughout the sprint consistently.

Actions to start doing:

N/A - we are done :)

Actions to keep doing: Throughout the quarter, we communicated constantly through discord to provide updates to our team members about issues that we may have or to update them about the progress that we made. Every pull request has had useful feedback and suggestions that overall help us to become better developers. Although difficult to write and we are still learning to do so, writing unit tests to verify that our code functionality works as it should is a great practice that we should continue doing moving forward. We will take the practices that we learned with us in future classes and our careers.

Work completed/not completed:

Completed:

1. List group members in the group page
2. Add a function to check user notify attribute in the table every 10 seconds if user needs to be notified and notify them
3. Each member has to write 1 unit tests on anything

Not completed:

1. Track user history in the database
2. Display individual group member history in the group page

Work completion rate: This section should report the following: total number of user stories completed during the prior sprint. Total number of estimated ideal work hours completed during the prior sprint. Total number of days during the prior sprint. For the previous sprint, the user stories/day and ideal work hours/day figures should be reported. For sprints past the first sprint, this section should also provide the average user stories/day and average ideal work hours/day figures computed across all sprints to date. The final sprint burnup chart for the previous sprint should be available for viewing in the lab and an email of this chart sent to the TA/prof.

We completed two of three user stories this sprint. We were able to list out all the members of the group in the group page. We were also able to create a functionality to notify a user in the group page to signal that they are being too loud. The user will then be alerted with a popup and will have to manually click out of it to continue using the app. We decided to backlog our final story in favor of cleaning up the UI on various pages based on Scott's suggestions, and to write unit tests to verify functionality. We also just wanted to make our existing app better rather than adding unnecessary functionality.

We started off slow initially due to other classwork but slowly made progress of about half a user story per day. Productivity dipped a little going into the break, but we picked it up again, completing roughly half a user story a day leading up to the end of the sprint. Ideally, we wanted to finish our tasks before the break so we would have time to work on our final presentation and polishing our product. As a result, our ideal work hours per day is ~2.1 hours, given 10 days and a total of 21 user story hours, however, we ended up working on tasks into the break.

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