Sprint 3 Report

Better Quiz App
Alpha Team
3/21/2018

As of this sprint, we have completed every task allocated for this sprint as well as some items from the backend. We have a fully functional quiz app in which teachers can create quizzes, and students can answer quizzes and get scored based on their performance.

Actions to stop doing:
- Although the project is essentially finished, we could stand to have better scheduling if we ever work on it or something similar again. Our progress was very skewed towards the end, with much of the productivity coming from the last week.

Actions to start doing:
- We could have done a better job documenting bugs and the like from the start, so that it'd be easier to find and resolve them. Our product works well though and we did resolve many of the bugs as the project progressed so this did not turn out to be as severe a problem as it could have been.

Actions to keep doing:
- In the last sprint, we all allocated more time to work on the project and were much more productive as a result. We also programmed as a group a lot more and that lead to quicker resolutions to problems in the code, or conflicts between frontend/ backend.

Work completed, and work not completed:

All the following user stories were successfully completed:

- As a user, I want to be able to see my quiz results. (12 hours)
- As a user, I want to be able to see a beautiful looking app. (16 hours)
- As a user, I can log out. (6 hours)
- As the developers, we want to refactor quiz so a user can step through questions. (10 hours)
    - We have implemented this, although we abandoned it in later models in favor of a more streamlined model in which users can answer every question at once.
- As a company, we need to have a logo. (4 hours)
- As a user, I want some documentation about the app and the company behind the app. (4 hours)
- (bonus): As a user, I want to be able to see my past quizzes (8 hours)
- (bonus): As a user, I want to be able to see class statistics (8 hours)
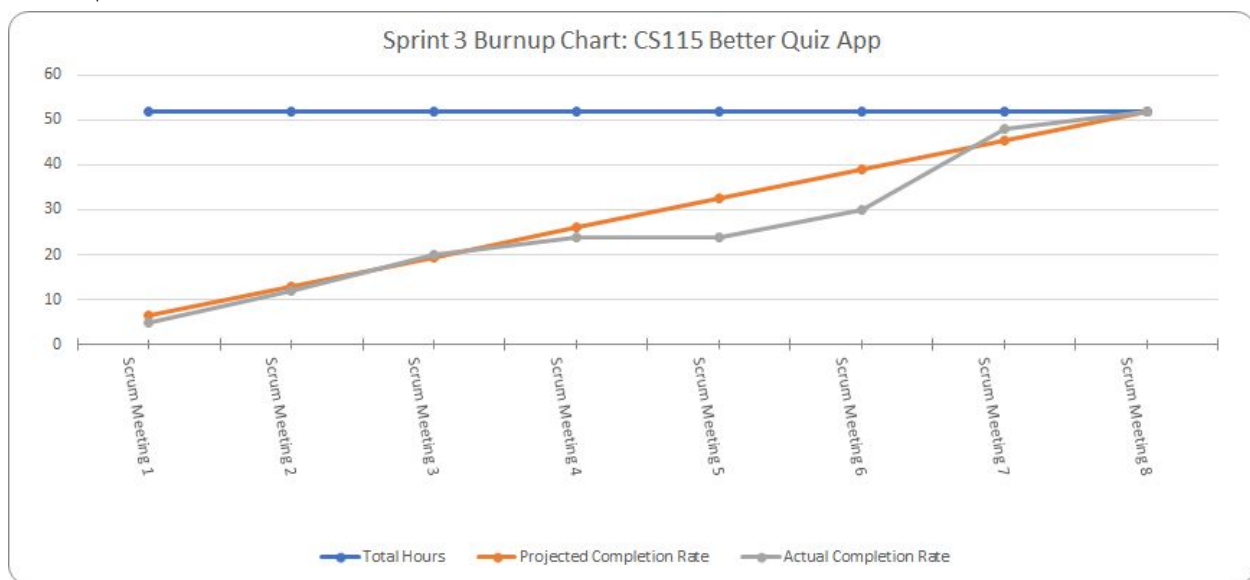- (bonus): As a teacher I want to be able to view the students in my class (3 hours).

- ○ Students are also in "classes" but this is not reflected in interface. Teachers can see lists of students but Students still access every quiz.

The following user stories were not completed:
- N/A

Work completion rate:

We completed our tasks at a very good rate this sprint. There is a noticeable uptake from the last week of the project onwards, as everyone set aside time to be more productive and put out a finished, quality product. We not only finished the user stories allocated as of the sprint 3 plan but also some of the items in the backlog. Overall, we went from a fairly barebones product to a much more completed app as of this sprint.

Sprint 3 Burnup Chart: CS115 Better Quiz App

Total number of user stories completed: 6 from sprint 3 + 3 from backlog = 9 total
Total number of estimated work hours completed: 52 hours from Sprint 3 + 19 hours from backlog = 71hours
Sprint duration: February 23-March 12