Sprint 1 Report

Better Quiz App
Alpha Team
2/2/2018

The alpha team has been doing an excellent job in communicating, coding and collaborating with each other. Due to the learning curve of the Agile system, there are some things which have been well performed and others that need improvement.

Actions to stop doing:

The team needs to stop performing code changes (minimal or drastic) without the consent of the other team members. It is better for the team to plan ahead what the changes will be before pushing changes. The team communication is good but could be better, since that will benefit the final result of the product

Actions to start doing:

As the project moves along and the complexity of the project starts escalating, there are more things the team needs to start doing to achieve all the goals proposed. This actions to be done are listed as follows:

- Pair program more often, it can save time instead of sending messages back and forth about changes.
- Draw and plan a sketch of the website before starting the code.
- More communication and/or notices of when pushes are made the repository.
- Having a coding guideline will benefit the cleanness of the final product.
- Have a better estimation for the number of hours dedicated to a user story.
- Some minor modifications for the planning, stories and burndown chart on the board.

Actions to keep doing:

In general, the communication and collaboration techniques have had a good impact in the team work. Attending every scrum meeting has helped the advancement and success of the first sprint. The slack updates and forums have been very active and informative. Links for tutorials and other technologies implemented have been shared so everyone is on the same page. The team had the good practice of pushing code after any edit that needs to be saved to a RCS (git for us) as well.

Work completed, and work not completed:

All the following user stories were successfully completed:

- User story 1: As a development team we need to set our environment, learn, and review the technologies that will be used for this project.
- User story 2: As a user I want to be able to see questions.
- User story 3: As a backend developer, we need to define what a quiz is.
- User story 4: As a user I want to be able to take quizzes.

Work completion rate:

Our estimation of hours required for tasks like the tutorial and learning of new technologies was less accurate than we anticipated. In the upcoming sprint we will be able to more accurately predict how long tasks and user stories will take to be completed. The tasks took more time to complete than we expected.

Total number of user stories completed: 4 user stories
Total number of estimated work hours completed: 32 hours
Sprint duration: 10 days

All these numbers were parallel to the estimated user stories and the hours to be completed.

Sprint 1 Burnup Chart: CS115 Better Quiz App