

Sprint 3 Report

- Product Name: **ClassNeeds**
- Team Name: **ClassNeeds**
- Date: **July 20, 2020**

• **Actions to stop doing:** These are the activities or actions the team determined they should stop doing. This is the answer to the question, "What things should we stop doing?" The items should take the form of a brief description of what the team wants to stop doing, followed by a brief explanation. If there are no items, this section should describe why the team is completely satisfied with their current process.

- 1) Continue to try to stop changing specific details for user stories so we don't have to change gears mid-task or mid-sprint.

• **Actions to start doing:** These are the activities or actions the team would like to start doing to improve their development process. This is the answer to the question, "What should we start doing?" The items should take the form of a brief description of what the team wants to start doing, followed by a brief explanation. Examples: The team should schedule more group work sessions, since these are very effective at getting work done. The team should be more accurate at estimating work tasks, since tasks were consistently under-estimated last sprint.

- 1) Make more descriptive commit messages so we can better tell what each commit was for.
- 2) Be more proactive with the Trello board in order to show where people are progress wise.

• **Actions to keep doing:** This is the answer to the question, "What is working well that we should continue to do?" The items should take the form of a brief description of what the team wants to start doing, followed by a brief explanation.

- 1) Keep up good communication. We used Discord to stay on top of meetings and communicate when to pull.
- 2) Push/pull updated files to/from github regularly so that we can avoid having to deal with merge conflicts.
- 3) Merge the branches that we're working on into the master branch so we have each other's changes.

• **Work completed/not completed:** This is a list of the user stories that were completed during the previous sprint, and a list of the user stories not completed during this sprint (but which were part of this sprint, and were in the sprint plan).

Work Completed:

- 1) (13) User Story 3.2: As any user of the site, I would like to have a profile page so I can see what classes I've favorited, rated, and change my password.
- 2) (5) User Story 3.3: As a CSE student, I would like to see CSE degree flowcharts so that I can better understand my pathway through my degree.

Work Not Completed:

- 1) (5) User Story 3.1: As a student, I would like to see who made each comment (names) and I would like to see a clean site overall.

• **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.

Total number of user stories completed: 2 user stories completed

Total number of estimated ideal work hours: 4hrs + 8hrs + 6hrs + 12hrs

Total number of days: 7 days

Sprint 3 User stories/day: $2 \text{ user stories} / 7 \text{ days} = 0.29 \text{ stories/day}$

Sprint 3 Average ideal work hours/days: $(4\text{hrs} + 8\text{hrs} + 6\text{hr} + 12\text{hrs}) / 7 \text{ days} = 4 \text{ hrs/day}$

Total User stories/day: $2+3+2 \text{ user stories} / 21 \text{ days} = 0.33 \text{ stories/day}$

Total Average ideal work hours/days:

$((7\text{hrs} + 14\text{hrs} + 7\text{hr} + 14\text{hrs}) + (14\text{hrs} + 7\text{hrs} + 7\text{hrs} + 14\text{hrs}) + (4\text{hrs} + 8\text{hrs} + 6\text{hr} + 12\text{hrs})) / 21 \text{ days} = 5.43 \text{ hrs/day}$

Final Burnup Chart

