

Meetings:

Link to the github repo: https://github.com/ralph043/5801_G27_P1

Sprint Planning Meeting:

Date: Dec 8th

Duration of meeting: 60 minutes, (8:30 pm - 9:30 pm)

Agenda: Plan and layout the work for sprint meetings, and the changes that needed to be addressed.

Members present: Lucas Ralph, Charlie Mattoon, Harshavardhan Battula

Meeting Notes:

- Developed product backlog with user stories for major goals for the upcoming sprint
- Developed general Sprint outline, Sprint goals, along with dates and times on which daily standups would be held
- Populated the sprint backlog with 9 tasks in preparation for 3 developers and 3 days of work, such that everyone has one task assigned per day of work
- Tasks have been assigned for Sprint 1
- Along with generating tasks, assigned each of them a priority so we knew which day to start them on, creating a flow of what tasks had to be completed for other tasks to begin

Daily Standup 1

Date: 12/09/22

Duration of meeting: 15 minutes (7:00 pm- 7:15 pm)

Members Present: Harshavardhan Battula, Lucas Ralph, Charlie Mattoon.

Scrum Master: Charles Mattoon

Meeting Notes:

- Tasks assigned for Sprint 2
- *Being that this was the first daily stand up, there was nothing that was worked on the previous day aside from Sprint planning*
- Lucas talked about all the tasks that he created the previous day from Sprint Planning, and mentioned an additional one he thought should be added, creating an “object” of each problem which would require creating a class for questions.
- Lucas was assigned the task of breaking the line tuples into subarrays for multiple choice to create problems.

- Lucas noted that it would be necessary to create a “Problem” object so that each question may be instantiated, and then when writing to the output file we would just loop through a list of these objects.
- Harsha is assigned reordering the indices of subarray.
- Harsha talked about all the tasks that he created the previous day from Sprint Planning
- Charlie will work on creating an outline for the location of all tasks for easier merging of branches going forward.
- Charlie talked about all the tasks that he created the previous day from Sprint Planning,
- Charlie has not had any struggles yet but remarked that some of the backlog may need to be slightly reworked to reflect how we end up implementing it

Daily Standup 2

Date: 12/10/22

Duration of meeting: 15 minutes (7:10pm - 7:25pm)

Members Present: Harshavardhan Battula, Lucas Ralph, Charlie Mattoon.

Scrum Master: Harshavardhan Battula

Meeting Notes:

- Lucas gave an update Breaking down each array/tuple of strings into subarray, there were no issues with his implementation.
- Lucas was assigned the task of combining different variations together with the original string; he mentioned he would need to create a helper function for that.
- Lucas had no issues, however he mentioned that he believed that he would need to create a helper function.
- Charlie talked about his finished general outline of the tasks that he did the previous day.
- Charlie did not have any issues with the outline.
- Today Charlie will begin implementation of the fill in the blank question type, specifically setting up looping through each line and the call to the helper function that will be set up in a later task.
- Harsha gave an update on reordering the indexes of the array, and returning the output, he needed help, and being that he was doing the same thing as Lucas, he just waited for Lucas to finish his code and went off of that.
- Harsha had no tasks assigned to him as he was still working on his task from the previous day
- Harsha was assigned to continue working on this task for the following day

Daily Standup 3

Date: 12/11/22

Duration of meeting: 15 min (2:10pm - 2:25pm)

Members Present: Harshavardhan Battula, Lucas Ralph, Charlie Mattoon.

Scrum Master: Lucas

Meeting Notes:

- Yesterday, Lucas completed work on the helper function for multiple choice question generation
- Lucas did not have any issues with his task yesterday, however did mention he would like to add JSON as an output format
- Lucas will work on the ways to store and deliver the outputs from MCQ's function, through the form of a JSON object.
- Harsha is still working on his multiple choice question implementation for reordering of indices.
- Harsha requested help on getting the function working
- Harsha will continue working on this function with the help of other group members
- Charlie has finished working on the looping and passing of lines to the helper function to fill in the blank.
- Charlie realized that the implementation he had originally planned would not be effective so he adjusted his tasks accordingly for yesterday and today.
- Today Charlie will do the actual helper function for question generation so implementation for fill in the blanks is complete.

Sprint Review:

Date: 12/13/22

Duration of meeting: 60 min (10:30pm - 11:30pm)

Members Present: Harshavardhan Battula, Lucas Ralph, Charlie Mattoon.

- Began by reviewing the Sprint Backlog, checked to make sure that all tasks are completed
- While reviewing the Sprint Backlog we also reviewed our code to ensure everything was functioning as expected and desired
- We marked all our tasks as completed once we verified they were in fact completed
- Discussed what we would add to the product backlog for next steps in a hypothetical future Sprint

- Although adding additional question types would be nice we agreed that the main next goal would be to take the JSON object we generate and convert it into a matching file type for the LMS system of choice.
- We updated our product backlog to reflect this new backlog item that we wanted to achieve next.
- Discussed possible question type additions to the code.
- Reviewed to make sure our documentation was matching what was expected of us and that those that needed to be updated were updated.
- Finally created a video demonstrating a run through of our code.

Sprint Retrospective:

Date: 12/14/22

Members Present: Harshavardhan Battula, Lucas Ralph, Charlie Mattoon.

Duration of meeting: 60 min (6:00pm - 7:00 pm)

- We started by each discussing what could have been improved upon, and we
 - Agreed we could have gotten on top of meetings a little earlier.
 - Agreed that tasks could have been designed a little better for what was actually needing to be done over just filling a certain number of tasks.
 - There were a few points of overlap between who was working on what so some clearer communication throughout the days could have been possibly helpful.
- Talked about things that went well:
 - We had creative solutions to problem generation for our two question types.
 - We got work done effectively and efficiently once work had begun.
 - There weren't a whole bunch of problems or setbacks along the way, for the most part we were able to get all of our work done for the respective sprint on time.