

Sprint 4 Plan, TSR Assistant, Drowning with Ducks, 11/20/17, Version 0.1, 12/03/17

Goal: For sprint 4 we would like to finalize and polish the project by going through the code and to clean and comment it. We would like to continue to make the project more user friendly.

- **User Story 1** As a developer, I would like to have a clean codebase so that I can easily view progress (Total estimated hours: 15)
 - Task 1 Move TSR helper functions to a separate file. (3 hrs)
 - Task 2 Add comments to code where helpful (2 hrs)
 - Task 3 Make sure code follows DRY principles (3 hrs)
 - Task 4 Refactor code (7 hrs)
- **User Story 2** As an instructor, a way to view specific flags so that I can focus on flags relevant to the selected TSRs. (Total estimated hours: 6)
 - Task 1 Prevent flags from refreshing in changes to flag list (3 hrs)
 - Task 2 Tie flags to selected TSR (3 hrs)
- ~~**User Story 3** As a developer, I would like to see analysis on the textual feedback given by students to gain a deep understanding of team issues. (total estimated hours: 1)~~
 - ~~Task 1: Implement NLP analysis(4 hours)~~
 - ~~Task 2: Integrate the NLP and sentiment analysis with the current team health system(4 hours)~~
- **User Story 4** As an instructor, I would like the graphs and charts to be more visually appealing so that I can have a pleasant viewing experience. (total estimated hours: 1)
 - Task 1 Calibrate colors in graphical analysis. (1 hr)

Changes:

- Put NLP 3 on the backlog. (Removed after spike)

Team Roles:

Arindam Sarma: Product Owner, Scrum Master, Developer

Rebecca Bui: Developer

Melanie Lum: Developer

Tyler Schmidt: Developer

Initial task assignment:

- Arindam Sarma:
 - User story 1: task 4
- Tyler Schmidt:
 - User story 1: task 1, 3
 - User story 4: task 1

- Melanie Lum:
 - User story 1: task 2
- Rebecca Bui:
 - User story 2: task 1, 2

Burn Up Chart:

- Virtual Chart: Team BurnUp Chart -
 - [Google Drive](#): CMPS115/BurnUp Chart/TSR BurnUp Chart
 - [Git](#): tsrassistant/docs/TSR Assistant/Burn Up Charts/

Scrum Board:

- Virtual : [Scrum Board](#)
 - Git: tsrassistant/docs/TSR Assistant/Scrum Boards/Sprint 4 Scrum Board.png
 - Sprint Plan Meeting Notes contains snapshots of scrum board progress per meeting
- Physical: Baskin, room 316

Scrum Times:

Location: Baskin, room 316

TA: Madhura Abhyankar, mabhyank@ucsc.edu

- Monday: 4:00 p.m., with TA
- Tuesday: 5:35 p.m.
- Thursday: 5:35 p.m.