Sprint 2 Plan, TSR Assistant, Drowning with Ducks, 11/05/17, Version 0.1, 10/30/17

Goal: For sprint 2 we would like to implement numerical analysis to apply for the TSR data.

- **User Story 1** As an instructor, I would like to have a system that does numerical/statistical analysis on the TSR team member ratings ,so that I do not have to do them manually and save time. (total estimated hours: 11)
    - **Task 1 :** Make a class framework that holds the numericals analysis results (5 hours)
    - **Task 2:** Create a text based display (5 hours)
    - **Task 3:** Create a new analysis tab (1 hour)
    - **Task 4:** Ensure that contribution percentage adds up to 100% based on number of team members.(2 hours)
- **User Story 2** As an instructor, I would like to see if certain student have wildly different scores from their peers, so that I can check in on potential conflicts. (total estimated hours: 9)
    - **Task 1:** Check for very low scores (1 hour)
    - **Task 2:** Check for very high scores (1 hour)
    - **Task 3:** Determine a rough formula for reasonable scores. (4 hours)
    - **Task 4:** Set flags appropriately (1 hour)
- **User Story 3** As an instructor, I would like to know which teams and students require more attention, so I can more immediately address issues with the team (total estimated hours: 4 total)
    - **Task 1:** Set Up UI fields that can act as flags (2 hours)
    - **Task 2:** Read flags from analysis and report them to UI. (1 hours)
    - **Task 3:** Create data structure for flags. (1 hour)
- **User Story 4** As an instructor, I would like to know if certain students are putting effort into responses or have long grievances, so I can take note of student effort and potential conflicts in teams (total estimated hours: 13 total)
    - **Task 1:** word count reporting (1 hour)
    - **Task 2:** Compare previous TSRs with current to generate similarity percentage. (4 hours)
    - **Task 3:** Set flags appropriately (1 hour)
    - **Task 4:** compare teammate TSRs to generate similarity percentage.(4 hours)
    - **Task 5:** Average user scores for teammates across them. (3 hours)

Team Roles:
Arindam Sarma: Product Owner {Developer}
Rebecca Bui: Scrum Master 2 {Developer}

Melanie Lum: Developer
Tyler Schmidt: Developer

Initial task assignment:

- Arindam Sarma:
    - User Story 2: Task 1, Task 2, Task 3
    - User Story 4: Task 2
    - User Story 4: Task 1
- Tyler Schmidt:
    - User Story 1: Task 4
    - User Story 4: Task 4, Task 5
- Melanie Lum:
    - User Story 2: Task 4
    - User Story 3: Task 1, Task 2, Task 3
    - User Story 4: Task 3
- Rebecca Bui:
    - User Story 1: Task 1, Task 2, Task 3

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 2 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: 5:30 p.m.
- Thursday: 5:30 p.m.