Sprint 4 Report - CMPS 115 – Software Methodology

· Actions to stop doing:

● Team members should stop working on anything significantly big, such as stretch goals that will not be completed in time. This can distract the team from completing any other supporting tasks needed to help improve what we currently have.

· Actions to start doing:

● The team should focus on the tasks/user stories that need to be wrapped up, rather than working on anything extra, focusing on strengthening components of the project we already have.
● The team should start finalizing and organizing any documentation left to make sure we are prepared for the release.

· Actions to keep doing:

● The team should continue to make it clear what each person is working on. We should continue to have our in-person scrum meetings since they help everyone visualize what still needs to be done and how our overall project currently looks.
● The team should continue communicating appropriately and ask questions when required to receive help if needed. This can help whoever needs additional clarification on a certain task.

· Work completed/not completed:

● Work Completed
    ○ User Story 3.3
        ■ As a User i want to be able to click on a politician's face and see a page displaying their profile
    ○ User Story 4.1
        ■ As a user I want to see a leaderboard of most frequent spending and most frequent trading politicians
    ○ Testing Infrastructure
● Work Not Completed
    ○ Bonus user story (extra stretch goals)
        ■ As a User I want to have my data stored so my followed politicians and stocks are remembered (stretch)

· Work completion rate:

● Total number of user stories completed during the prior sprint: 4
● Total number of estimated ideal work hours completed during the prior sprint: 25
● Total number of days during the prior sprint: 14

- Total number of user stories completed: 2
- Total number of estimated ideal work hours completed: 25 hours
- Total number of days during the prior sprint: 14 days
- User stories/day for Sprint 4: 2 stories/14 days≈0.14 stories/day
- Ideal work hours/day for Sprint 4: 25 hours/14 days≈ 1.786 hours/day

Averages across all sprints to date (Sprint 1, Sprint 2, Sprint 3, and Sprint 4):

- Total user stories completed (All Sprints): 2(S1)+1(S2)+4(S3)+2(S4)=9 stories
- Total ideal work hours completed (Sprints 1 & 2): 20(S1)+25(S2)+25(S3)+25(S4)=95 hours
- Total days (Sprints 1 & 2): 7(S1)+7(S2)+14(S3)+14(S4)= 42 days
- Average user stories/day (across all sprints): 9 stories/42 days=0.21 stories/day
- Average ideal work hours/day (across all sprints): 95 hours/42 days≈2.26 hours/day

Burn Up Chart: