EE/CprE/SE 492 BI-WEEKLY REPORT 7

11/24/2019 – 12/06/2019

Group number: sddec19-09

Project title: Finding Hay in the Needle Stack

Client &/Advisor: Chad Raddatz & Thomas Daniels

Team Members/Role: Yealim Sung/ Project Leader & Meeting Scribe

Gooi Yin Hong/ Webmaster & Lead Designer

Austin Konsor/ Chief Engineer & Software Architect

Mireille Mwiza Iradukunda/ Test Engineer & Report Manager

Bi-Weekly Summary

For the past two weeks, we did changes as they were requested by client during our online demo that happened on 11/21. We got started on the final poster and had a live demo testing on their actual data at the research park, it was during this time that we realized that there was a slight mismatch in the mock data type and the real data type, this made the program not successful but Branden Lange who originally created the mock data told us he would correct it and send us an updated version for us to fix in the code. Finally we got started on the final report.

Past 2 Weeks Accomplishments

Yealim Sung: Worked on trying to have different shapes for different variables using the bokeh library on sample graph, but ended up not implementing it on our actual code. Worked on the poster.

Gooi Yin Hong: Completed and integrated the historical table, re-implement the dynamic graphs after having feedback, added customizable graph, re-designed the main page and graph page.

Austin Konsor: Prepared for our demo with Collins by finishing the edit distance page, and began to work on the historical data page.

Mireille Mwiza Iradukunda: I worked on the final poster and started on the final report

Pending Issues:
- A key in the starwars data was using the function name rather than function id, which caused an error when trying to run it on their system. Will need that fixed.
- Unable to run edit distance on the historical page because the starwars data uses the SVN address of the scripts in the json files, which we do not have access to. We use a local repository to compare files.

As a team:
- Testing on real data at facility
- Get the updated version of the mock data

Individual Roles, Contribution and Time Spent

Name	Role	Contribution	Hours Worked	Hours Cumulative
Yealim Sung	**Project Leader /Meeting Scribe**	Tried to figure out bokeh implementation and worked on the poster	**10**	**54**

Gooi Yin Hong	**Lead Designer/ Web Master**	Completed and integrated the historical table, re-implement the dynamic graphs after having feedback, added customizable graph, re-designed the main page and graph page.	**10**	**62**
Austin Konsor	**Chief Engineer/ Software Architect**	Worked on the edit distance page and merging files together.	**7**	**52**
Mireille Mwiza Iradukunda	**Test Engineer and Report Manager**	Started the reports and the final poster	**10**	**52**

Plans for the Upcoming Reporting Period:

As A team:

- Will test on real collins data
- Finalize Project
- Finish the final report and presentation

Individually

Yealim Sung: Will finalize reports and the presentation

Gooi Yin Hong: Finalizing reports, cleaning codes, adding configuration file for easy changes, rename python files to be more meaningful, prepare for final presentation.

Austin Konsor: Finalize reports, clean and comment code for Collins, incorporate edit distance into historical (may just have to comment out), and prepare for presentation.

Mireille Mwiza Iradukunda: Will finalize reports and the presentation