11-8-20 Leeds Status Report

Weekly status report for Nov 8-Nov 14

Scope	Schedule	Cost	Risks	Quality

Key Performance Indicators

- **Scope**
  - As this is empirical research, our work has started to evolve in different directions. We knew interesting trends would popup during our work that we would want to explore, which is why we specified this in our project charter scope.
- **Schedule:** `ON SCHEDULE`
  - Schedule Variance: 0 Days
  - Percent complete : **40%**
- **Labor:** `ON BUDGET`
  - Labor hours: 10 hours/person
- **Administration:** `COMPLETE`
  - Sponsor meeting, TA meeting, attendance, hour log

Summary

This week was comprised mostly by administrative tasks we needed to take care of for the class. Primarily we worked on creating our project plan that lays out our planning methodology, agile, and a basic GANTT chart. Also, we used our TA meeting time to put together the slide deck for our project presentation due on November 22. In regards to tasks completed for the project, we are working with tweepy to download more tweet data in order to start trying to analyze trends. We also have singularity compose working most of the way so that we can build/access our database in the CU compute cluster. This will save a lot of time by being able to run our code on multiple nodes.

Work planned for this week

- Create a GANTT Chart
  - CAP-60
- We are all working on experimental work that doesn't necessarily need a deliverable at this time. We will all most likely continue this into next week and work with our sponsor on what he would like to see in terms with deliverables on our work.
  - CAP-56
  - CAP-59
  - CAP-58

Work completed this week

Project Plan

We have set up a document inside of the Admin folder that lays out our methodology, key features, data flow diagram, and potential GANTT chart to lay out how we should be progressing in the project.

Class Project Presentation

We worked on Thursday to create the slide deck for our presentation due 11-22. We divided out what slides people will present on and we all need to have presentation videos completed by 11-19 so that they can be edited together.

Make Docker Compatible with the cluster

> In order to have our project run in the cu cluster, we needed to include singularity compose into our project. This has been built in and we can now run the system on the compute cluster which will greatly improve our processing power.

> For some reason the problem can only running on 1 node right now so we need to sort that out.

Investigate Trump and fox news correlation

> The initial results of matching bigrams in tweets to bigrams in the corpora is working well.

> We need to now download more tweets so that we have enough data to analyze trends. Tweepy is inconsistent in returning tweets for some reason.

Plans for next week

- Film videos for presentation , CAP-68
- Cut and edit video together, CAP-69
- Iron out the issues for running the software on cluster
- Download at least 3 years worth of tweet data for Trump

Open Issues

Deliverables and Milestones for sprint (10/6 to 10/20)

Deliverable or Milestone	WBS	Planned	Forecasted	Actual	Status
GANTT chart	CAP-60	11/17/20	11/17/20	11-10	Complete
Complete class presentation video	CAP-68 CAP-69	11/22/20	11/20/20		In progress

Open Change Requests

Change Request Name	Change Request Number	Requested Date	Current Status