Software Engineering 491 - sddec19-01

Web Crawling for Data Breach Reports

Week 9 Report

4/19 - 4/26

Client: Benjamin Blakely

Faculty Advisor: Dr. Daniels

Team Members:
Mark Schwartz - Scraping Team
Alec Lones - Project Leader - -Machine Learning Team
Nolan Kim - Scraping Team - Git Master
Jeremiah Brusegaard - Machine Learning Team

Weekly Summary:
We were busy with making changes to the design document and project plan. We had the last meeting with our client and it went well.

Past Week Accomplishments:
- Finished revision of Project Plan
- Found issue with overfitting in the Machine Learning model

Pending Issues:
Scraping seems to be currently single threaded and is bottlenecking the system. Might consider multi threading this?
Feature selection for vectorization might be broken or not done correctly(overfitting)

Individual Contributions:

Team Member	Contribution	Weekly Hours	Total Hours
Mark Schwartz	- Worked on Design Doc Revision - Worked on Project Plan Revision - Worked on Presentation - Helped Jeremiah test the ML model - Helped fix the model's overfitting issue	~6	~66
Alec Lones	Worked on Design Doc Revision	~6	~66

	● Worked on Project Plan Revision ● Worked on Presentation ● Worked a little bit with Jeremiah on ML model and servers		
Nolan Kim	● Worked on design doc ● Worked on presentation ● Worked on project plan	~6	~66
Jeremiah Brusegaard	● Worked on Design Doc revision ● Worked on Project Plan revision ● Worked on fixing Demo bugs ● Worked on Presentation	~6	~66

Plans for upcoming week:
- Mark Schwartz:
  - Finish presentation
  - Continue to test the ML model
  - Work on overfitting issue
- Alec Lones:
  - Eat this bagel
  - Finish presentation
  - Present presentation
  - Study for finals
- Nolan Kim:
  - Continue working on presentation
  - Study for finals
- Jeremiah Brusegaard:
  - Practice for presentation
  - Finish revision of design document
  - Work out some overfitting issues with the model

Summary of weekly meeting:
Talked to Ben about plans for the end of the semester. He also wanted to see our presentation so that he could give us feedback on it. We also talked about what our end goals for next semester are.