Software Engineering 492 - sddec19-01
Web Crawling for Data Breach Reports
Bi-Weekly Report 6
11/7-11/22
Client: Benjamin Blakely
Faculty Advisor: Benjamin Blakely

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

Bi-weekly Summary:
We got mostly everything working except for the GUI isn't quite finished and we need to fix a minor memory issue but then we should be good to go.
Past 2 Weeks Accomplishments:
- Got the code polished
- Crawler is working with the model and DB (Has memory issue when crawling for too long)

Pending Issues:
- Need to limit the amount of scraping/machine learning the crawler does so that it doesn't eat up lots of RAM

Individual Contributions:

Team Member	Contribution	Bi- weekly Hours	Total Hours
Mark Schwartz	- Worked on learning Django for new UI framework. - Started a new UI prototype with Django	~12	~72
Alec Lones	- Assisted Jeremiah with db interfacing - Discussed some implementation details for ML with Jeremiah	~12	~72

	● Discussed ideas for Front End code with Mark		
Nolan Kim	● Tested the crawler ● Worked on debugging issue where requests are generated faster than they are freed, causing a memory "leak"	~12	~72
Jeremiah Brusegaard	● Finished adding db implementation to the crawler ● Polished code ● Added lots of comments	~12	~72

Plans for upcoming 2 weeks:
- Mark Schwartz:
  - Work with Alec to create front end UI
  - Work on poster and other final stuff
- Alec Lones:
  - Work with Mark to create a front end that interfaces with the ML code and the database
  - Work on Final Report and presentation
  - Help out on anything else I can
- Nolan Kim:
  - Continue to work on debugging memory issues
- Jeremiah Brusegaard:
  - Work on final report and presentation
  - Help Nolan figure out memory issues

Summary of bi-weekly meeting:
Client said project is looking good we are just putting finishing touches on the project. He also mentioned some tips to help us solve the memory problem with scrapy.