sdmay23-01: Knowledge Graphs for Cybersecurity Reasoning
Week 1 Report
September 9 - September 30

Team Members

Brandon Richards — *Frontend Development Lead*
Micah Gwin — *Python/ML Development*
Alice Cheatum — *Programmer/CYB E Knowledge*
Nicklas Cahill — *Tester/Programmer*
Michael Watkins — *Python/ML Development*
Carter Kitelinger — *Client Interaction/CYB E Knowledge*

Summary of Progress this Report

- Created and signed a Team Contract.
- Gave lightning talk on User Needs.
- Created and submitted Design Document Part 1 on User Needs.
- Created a project overview.
- Created Jira project to manage assigned tasks.
- Researched cyber security news sources to begin the project with.
- Met with client/advisor (same person) and discussed:
  - The scope of the project.
  - Stretch goals they hoped to see.
  - User needs and plans for the upcoming weeks.

Pending Issues

- Whether blogs will be included in our source list for security information.
- More defined list of libraries and technologies to use for each part of the projectShape.
- Which specific area(s) of cybersecurity to focus on (e.g. vulnerabilities, malware, breaches, etc.).

Plans for Upcoming Reporting Period

- Talk to client/advisor about creating requirements for the design document.
- Have a list of sources to fetch from.
- Have defined list of technologies to use for source extraction.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Brandon Richards	Created Jira project and tasks for team, read through 4 scientific papers on related cybersecurity work	4	0
Micah Gwin	Researched and discussed potential libraries to use in the project, Read through papers and other resources provided by client to	4	0

	increase understanding of project design, Set up development playground for testing and learning project libraries and tools.		
Alice Cheatum	Researched and discussed potential libraries and information sources	4	
Nicklas Cahill	Researched resources for cybersecurity information	4	0
Michael Watkins	Researched and prototyped some possible frameworks, Read through provided documentation, and similar projects	4	0
Carter Kitelinger	Researched potential sources of cyber security news to help train the bot when scraping and extracting websites, set up meetings with client/advisor	5	0

Gitlab Activity Summary
Nothing to report.