CprE/SE 492 May1620 Weekly Report 5

A Sociotechnical Solution to Large-Scale Formal Specification Mining
Reporting period: February 4 - February 11
Advisor / Client: Professor Rajan (ComS)
Members: Cody Hanika (Team Leader, Communication Leader),
           Alex Dana (Web Master/Concept Holder)

Weekly Summary:

- Client-Advisor meeting
- Researched anyCode to see if it was feasible to use for our project. It appears that it is too geared towards Java functions to be used. It also lacks proper documentation and code quality.
- Continued to learn NLP concepts: Developed demo which identifies words in a sentence that match relevant information about the code they are supposed to be related to, as well as finding all the adjectives that correspond to these words.
- Discussed what has made past StackOverflow posts engaging and what needs to be done with future posts
  - We will be trying to use Apache libraries instead of JDK libraries since they have less documentation

Goals for Next Week:

- Create more specific questions. Broad questions, even if just asking for post-conditions, are being received poorly.
- Create an example that relates words that are found to be contextually significant to their direct object or subject and the verb that connects them.

Team Member	Hours Spent
Cody Hanika	8
Alex Dana	6