

Senior Design Bi-Weekly Status Report; Fall 2020

Team: sdmay21-35

Team Email: sdmay21-35@iastate.edu

Team Members:

Ahmad Alramahi - Lead Developer

Austin Boling - Meeting Facilitator

Joseph Naberhaus - Project Lead

Ekene Okeke - Report Coordinator

Ethan Ruchotzke - Documentation Manager

James Taylor - Linguistics SME

Project: POS Tagger for Software Documentation

Report Period: Aug 21 - Sep 4

Summary of Progress in this Period

This period, we have accomplished a number of tasks to set up the structure of our team. This includes:

- Setting up a well structured Discord server to easily communicate.
- Sharing our schedules to find times for activities such as meetings.
- Set up a weekly meeting time at 4 PM on Friday (tentative).
- Assigned each team member a role to fulfill (Lead, SME, etc.).

We also had an initial meeting with our client and faculty advisor, Hung Phan and Ali Jannesari respectively. In this meeting we introduced ourselves, were introduced to the project and it's core aspects, and were assigned our initial tasks to complete.

Pending Issues

Currently, we have no pending issues.

Plans for upcoming Reporting Period

Our plans for this upcoming reporting period (**Sep 4 - Sep 18**) is broken down as follows:

- Joseph and Ethan will learn about how to use Stanford NLP from within Python, and then summarize what they learned and relay that information to the rest of the group. **Due Sep. 18**
- Ahmad and Ekene will learn about how to use Stanford NLP from within Java, and then summarize what they learned and relay that information to the rest of the group. **Due Sep. 18**
- James and Austin will read and understand a paper on how the standard Stanford NLP works, and will summarize what they learned and relay that information to the rest of the team. **Due Sep. 18**
- James and Ethan will complete the Lightning Talk due on **Wednesday, Sept. 9th**
- All will do some testing with different kinds of software documentation and start to document which cases the standard StanfordNLP fails to correctly categorize pieces of software documentation, and begin to think of new class tags.