**CSCI 426 Progress Report #: 6**

**Group Name: Applied Language Team**

# Dates that this progress report covers:

25FEB - 22MAR2021

# What did the team accomplish during this time period? (be specific)

During this reporting period, the team implemented the fundamental back-end functionality that the website requires to function. This functionality was either left semi-useable by the previous team or created by the current, we have now satisfied the minimum viable product requirements for Dr. Miyashita. With our minimum viable product being met, we are now able to spend the rest of the implementation polishing and adding new functionality to the website. We have also given the website further front-end refinement to make it more user-friendly and aesthetically pleasing.

We presented the newest version of the website to Dr. Miyashita on March 18th and she was very pleased with the website, stating that it is now in a “usable” state for her work.

The team also did our first pilot test with Professor Reimer which gave us a good idea of how and what we will need to do for future user testing.

# What did the team plan to accomplish but fail to, and why?

The team had originally planned to implement the ‘statistics’ page on the website but this fell through due to the restructuring of priorities following the meeting with Dr. Miyashita.

# What particular challenges did the team face?

The largest challenge of phase two, was whether or not the team could deliver on the backend functionality that was outlined during the design phase, and front-end components in phase 1. This meant every team member had to rapidly learn Django development from scratch and apply the newly gained knowledge to make a professional product. Based on feedback from both the instructor and client, our team is proud to have met these goals.

# Of which accomplishments are the team most proud?

The team is especially proud of the time and dedication its members put into learning Django during the second phase of development. These dozens of hours allowed us to turn the non-functioning HTML and CSS web pages from phase 1 into a working website that our client was able to use for the first time. This allowed Dr. Miyashita to better get a feel for the current state of the project, and allowed her to brainstorm what features would be most important for her for the remainder of the semester.

# What will the team accomplish during the next reporting period?

During the next reporting period, which ends with the semester, the team will start by going over the documentation and making any changes requested by the client. Once this process is done, we will begin implementing these changes, such as: allowing for multiple ratings per audio recording, allowing multiple audios to be rated from a single unique link, and adding additional demographic data to user accounts and audio files. In parallel with this process, the team will also begin large-scale user and in-house testing to ensure all components are bug-free and are polished to a professional level. Lastly, the semester and reporting period will end with transition documents being created for future development teams.

# Any other concerns the team would like to mention?

The website server did not have a SSL certificate when we did the testing, which raises a significant security concern. However, a SSL certificate was put on the server on March 15, so we don’t need to worry about that now. The team also got new feedback from the client which changed the direction of the implementation plan and the requirements for the project. This will require us to go over those documents and rewrite some of their features.