

Team Name: sddec21-06

Team Members: Tyler Johnson, Maxwell Wilson, Max Van De Wille, Sam Massey

Report Period: March 1 - March 14

Summary of Progress in this Period

In this period, our team really focused on the planning of the project. We created the first draft of our design document and really got the project back under our control and obtained a solid understanding of what is being asked to complete. During the phase of creating this document, we meet many times with our advisor and with the team at DigiClips to create a solid problem statement and a project that we will be working on throughout the rest of this semester and the Fall semester as well. Along with the design document being completed, we started looking at the code already implemented in the DigiClips system and started seeing what was needed to complete our project and to implement any new developments into the already existing system. The last main thing we did during this period was fill out and complete the IP forms needed to work with DigiClips.

Pending Issues

Currently, there are not too many pending issues. The main issue is the speech-to-text and video-to-text possibilities. We need to find a way to develop these new features while doing it in a way that will not cost anything for DigiClips to run. For example, a current method that can be used is the Google API for speech-to-text. The problem with this is the fact it will cost \$0.006 for every 15 minutes processed. Normally that would not be a problem, but DigiClips processes hours of data daily, causing that amount to add up very quickly.

Plans for Upcoming Reporting Period

In this upcoming period, our team will start researching a bunch of needed information on the topic of speech-to-text and video-to-text. We have been given approval from the instructor to use an agile approach when developing the documentation for the project as well as actual needed code, so we will start implementing possible solutions to speech-to-text within the next few weeks. Our research for this period will focus more on the speech-to-text aspects of the project. While researching and gaining more information on the topic, we will be updating the design document and changing it whenever it needs to be updated, preparing it for the second version of the design document.
