

2018/03/18 Sprint 2

The plan for sprint 2 was to add in the features that we were not able to implement in our first sprint. Since we were able to create a simple working plugin in the first step, the task for this sprint was to increase the capability of this plugin, so it would become more user friendly. The features we intended to add were “tracking change history”, a “window class to create input boxes”, “checking multiple files” and creating test classes to make sure that the plugin actually works.

Compared to the first sprint, we were able to complete many more of the tasks we set out to do. We were able to create a **History class** to contain all the changes that the user will do and which allows us to print the past changes that the user has made. We were also able to create a textbox where the user enters the text to allow the user to choose which text should be replaced and what text will replace in that spot. This feature will allow the user to decide the text they want to replace and increase the usability of the program, instead of just replacing “test” to “replaced” as in our sprint 1 example. There is also a test class as well, which is currently able to look at some classes to run a unit test for those classes. However, our test function only has the ability for a unit test right now, and not able to run a mock test to check the whole program to run. We also were not able to implement the ability to choose multiple files to be inputted at once, however, due to the loss of a team member, we may opt to cut this feature out of the program entirely depending on how the third sprint goes.

The main conflict that we had in this sprint was the lack in communication and cooperation among teammates. Along the sprint we were able to work on our individual tasks, but we had a hard time on supporting the other teammates work due to poor documentation, which made it difficult for other team members to understand our code. This caused our work process to be done as individuals instead of working on one task as a team at the same time. Being unfamiliar with the other teammates work caused delays in some of our work.

For the next sprint, we will first finish off the tasks that we have not able to complete in this sprint. This will be: finishing off the test and having the plugin to be able to implement multiple files at once. We also plan to reorganize the GUI, making it look much more professional and well done. Once that is finished, we plan to increase the usability will include to allow a user to undo recent changes made, and possible being able to select from having the change done on the whole file or just some parts of the file. Also, a help command to display how to use the plugin, and other user-friendly features that might be necessary.

For our next sprint, we will try to increase interest towards our teammates work, to understand what we can do to help in case we encounter a problem. We will also discuss in what shape the added feature will be implemented as. We will have a common understanding for each of our work, which will allow us to help each other easier, and not require the process of understanding what function is doing what before helping. This can easily be done by including more documentation.