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CSCE 240

6 April 2023

### Project 5 Report

For the fifth project, I had to just add statistics recording functionality to my project. However, I ended up having to do a lot more because of the code I've written in the past. I kept getting lost between all the various functions I had, and I was struggling to figure out how to inject the code needed for recording into my code. In the end, I decided to rewrite my code and include some techniques I've learned since the beginning of this year. The first thing I did was install JSoup and figure out how to get that to work. With a bit of practice and help, I managed to get it working. JSoup was a powerful library that I should have been using since the very first project. It managed to get rid of most of the bugs I had and made the answers given by the AI much more presentable.

As for the rest of the project, I made it more modular so that I would be able to easily inject code for recording statistics. To add recording statistics to my program, I simply had to create a few variables and have them be increased whenever they needed to be. As for the chatlogs, I had to just create an ArrayList of Strings that remembered everything that the user and AI wrote down. Overall, the project was easy to do, but somewhat tedious. If I knew what I know now back at the beginning of the semester, my project would have gone smoother.