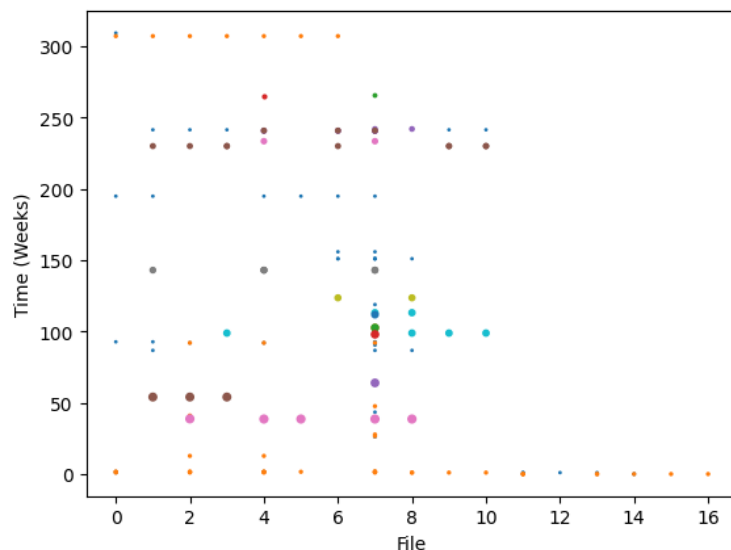# Overview

The following is an analysis of the commits to the Rootbeer project repository stratified by author, filename, and time.

Data

The chart below depicts the touches on each file over the existence of the project. Each color corresponds to a unique author and only the source java source files were included in this chart.

Analysis

Only java source files are included in this analysis as other source files consist of a very small portion of the project. As seen in the graph the author represented by the color orange is responsible for the majority of the most recent and oldest commits while the commits from week 50-250 consist of many authors. The authors represented by the colors dark blue, pink, and brown make up the majority of the commits between the week 50-250 period. Based on this chart we are unlikely to see commits from any author that was not mentioned previously due to the infrequency of their commits. It is likely that the authors represented by pink and brown have left the project as there has not been any commits from them in over 50 weeks.

Remarks on Helpful Git Commands

I have found that the git commands "status" and "branch" were particularly useful for my level of understanding of git and github. Obviously the add, commit, and push were all useful for the submission of the project, but I found that using the -h option helped me understand how to use the commands correctly. The following is a link to my github fork repository: https://gitbub.com/GusEsplin/472-2023-G3