

CS472 Senior Design

Thien Van Ky Nguyen – Executive Summary

January 24th 2024

Fork repository: <https://github.com/thienguen/barbell/>

This report summary about the information of our company repository, using the program we developed that mine the data from the repository and visualize the data. The program is written in Python, sorting the data by author, date and files related to the commit. The program also colored each contributor to the repository for an easier view.

At first glance, it's pretty clear that Mathew Rollings and Scott Alexander-Bown (owner), have been the MVPs in terms of contributions. These two have been instrumental in enhancing the UI and fixing bugs that popped up after our initial release. The other files show a more evenly spread effort, with various team members chipping in for minor tweaks and bug fixes.

A quick note on Files 10 to 17: they haven't seen any action in years, so it's safe to say they're probably in a good spot and don't need more work. This is backed up by the contribution patterns of Andy, Fi5t, aippisch, and leocadiotne, who seem to have focused on specific issues and haven't been active for quite some time. The most recent update, from three years back, was by Mathew Rollings. He, alongside Scott, actively contribute to the repository from 2015 to 2021. It looks like the sprint between 2020 and 2021 was the final push, wrapping up the project nicely.

In summary, our company repository it was a good run of how the repository evolved over time, here is a graph highlighting the key players and their contributions. It seems like we've reached a point where the project is complete, thanks to the collective efforts of the team.

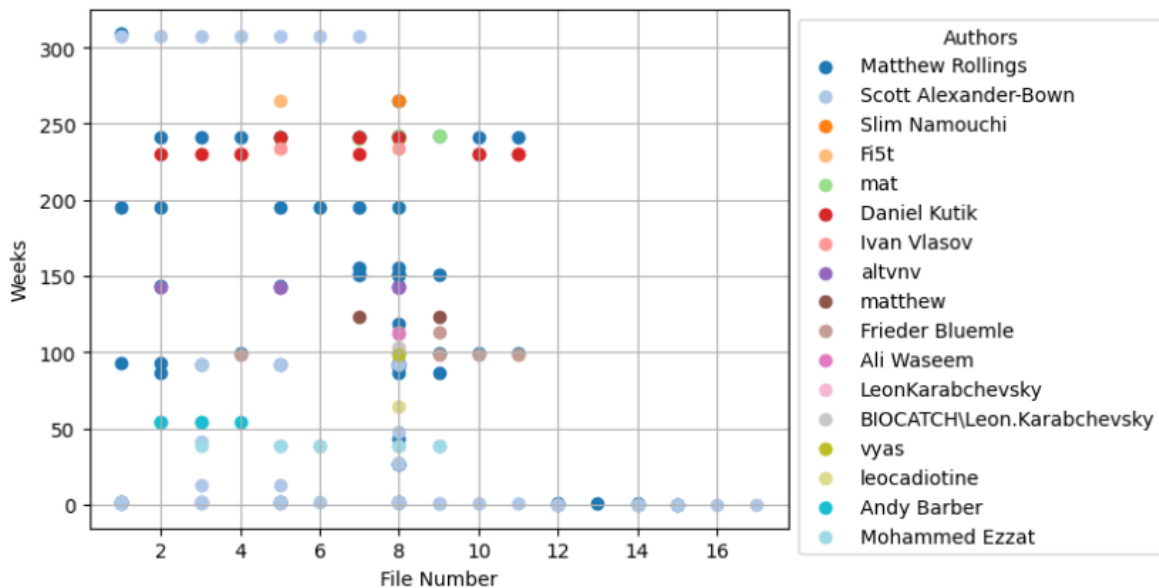


Figure 1: File Touches & Week