Part 1. The date and time at which you already completed this demo, and briefly describe any challenges that arose during the demo.
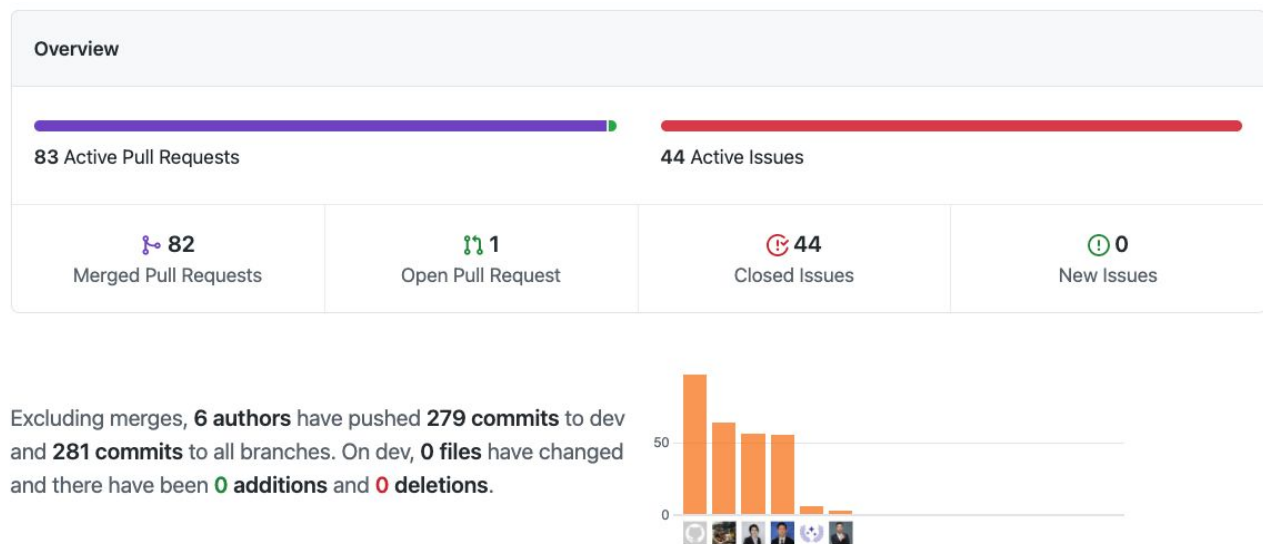
In-class Demo
Date: Dec 10th

Demo with TA (Rohit):
Date: Dec 11th 2pm
TA Demo

Since last release, we have made many improvements, we have enabled OAUTH login, refined administrator role support, enriched our application with more diverse visualization graphs.

For the course of the past month, we merged 82 Pull Requests, closed 44 Issues and created nearly 300 commits. The biggest challenge/learning arose from testing various components, and integrating our services. We have taken advantage of class materials and implemented tests that cover more than 92% of our codebase; moreover, our project scores more than 9.78/10 (tested using Pylint). Most importantly, we have benefited from our mentor Rohit's advice and implemented various suggested features including Flask-Moment integration, table pagination, Bootstrap Modal, and converting all datetime to UTC timezone. All of these features built up our current project and made it much more user friendly.

Part 2. A link to the github repository where your entire codebase resides. Tag which file revisions were shown in the demo.

Github Repo

https://github.com/gzhami/research_lab

Second Release

https://github.com/gzhami/research_lab/releases/tag/2.0

part 3: A link to the folder in your repository that includes all your prose submissions thus far for this course.

https://github.com/gzhami/research_lab/tree/dev/submissions