Team Number:
106-4

Team Name:
Team MADLAD

Team Members:
Douglas Thomas
Andrew Gilfillan
Damien Beecroft
Michael Rogers
Alvaro Santillan
Luke Soguero

Application name:
ReSearch

Application Description:

Allow for “job” postings for subjects of university research opportunities. Allow professors to post research opportunities and allow the students to search for potential research opportunities that will work best for them based on a variety of factors, e.g. time commitment and potential payment. The web app will match students with research opportunities based on a variety of factors that will be a part of their student profile, e.g. year, major, and any other possible preferences.

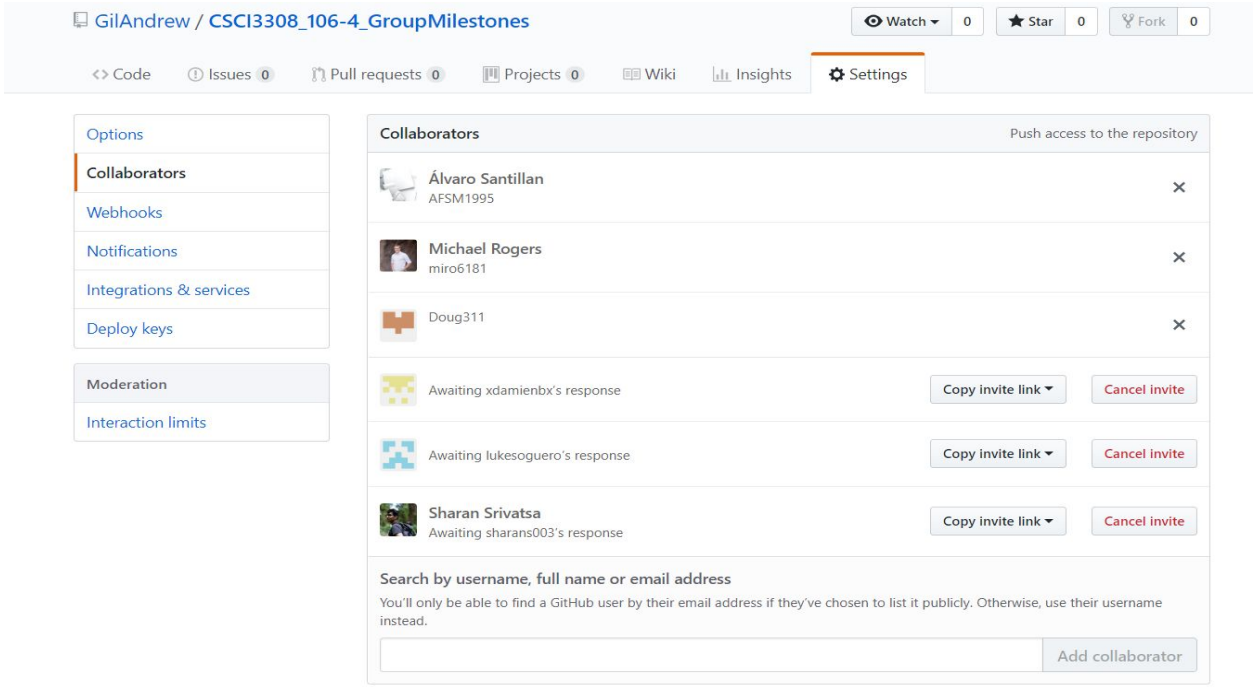
The app could expand to include other universities outside of CU Boulder, as well as expand to other academic based postings, such as group projects, extra-curriculars, and club activities.

Vision Statement:

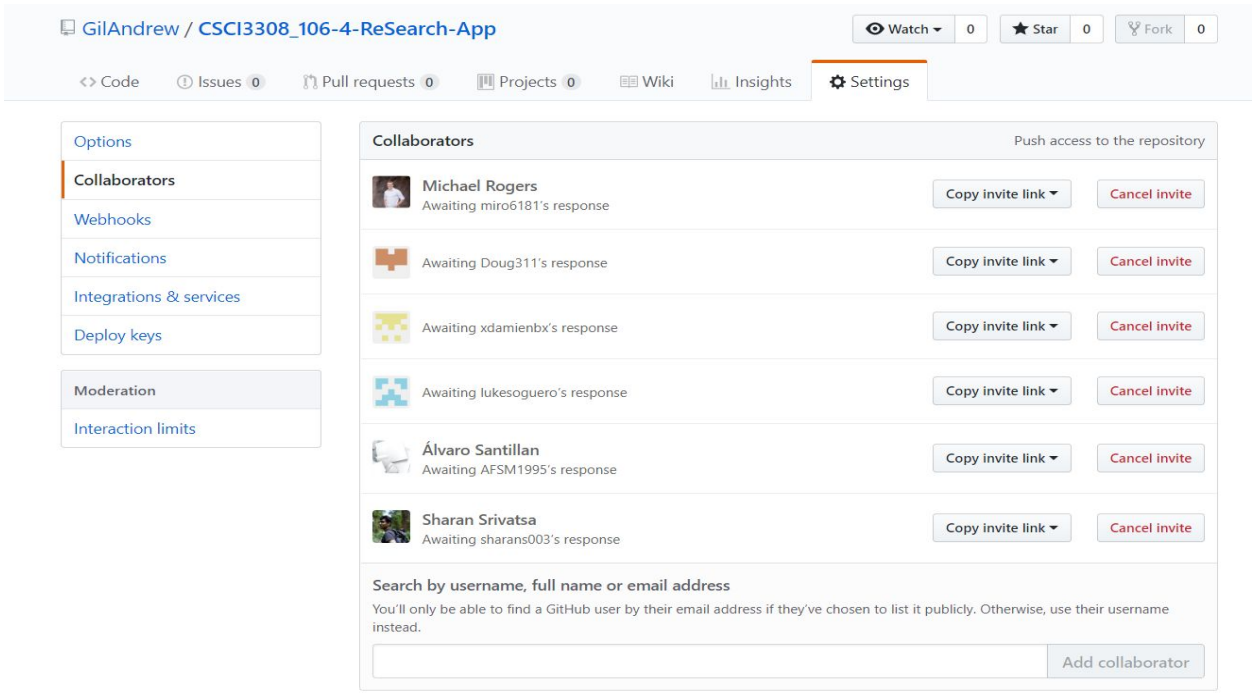
To create an easy-to-use web app to help students and researchers connect for possible research opportunities in the simplest and most efficient way possible.

Version Control:

Milestones: https://github.com/GilAndrew/CSCI3308_106-4_GroupMilestones



Meeting Logs: https://github.com/GilAndrew/CSCI3308_106-4_Meeting_Logs
Project Code: https://github.com/GilAndrew/CSCI3308_106-4-ReSearch-App



Development Method:
We will use an Agile development method in order to allow iterations on our app and ensure basic functionality before adding more features.

Communication Plan:
Throughout the development process of our application, we will communicate through weekly scheduled in-person meetings on thursdays after recitation. Each of these meetings would last approximately 2 hours and begin at 1PM and end at 3Pm. We have also set up a Slack server as well for digital communication and collaboration during the week.

Proposed Architecture Plan:
Project will subdivide into teams for the front-end, back-end, and Integration-Layer with each sub-team occasionally collaborating to ensure proper functionality between the layers of the app. Front-end will be comprised of HTML/CSS/JavaScript and will be used for the UI of the web application. PostgreSQL will be used for the back-end and operate the databases necessary for the web application. NodeJS will act as an integration layer between the front-end and the back-end.

Meeting Plan:
Team will meet face-to-face once weekly on Thursdays after recitation. Each meeting will be approximately two hours in length and will run from 1PM to 3PM. If the team has agreed to meet after recitation that day, then after recitation, the team will head to a quiet meeting space in the engineering building. Reserving specific meeting rooms has also been discussed if available public tables at the engineering building become unavailable. Slack will also be used throughout the week for digital communication.