

Project Milestone 1

Due Date: Sunday, February 24

Team Number:

101-3

Team Name:

LivBoulder

Team Members:

Brenda Reider, Ryan Dalton, Travis Torline, Qiuyang Wang, Grey Esposito-Krier

Application Name:

LivBoulder

Application Description:

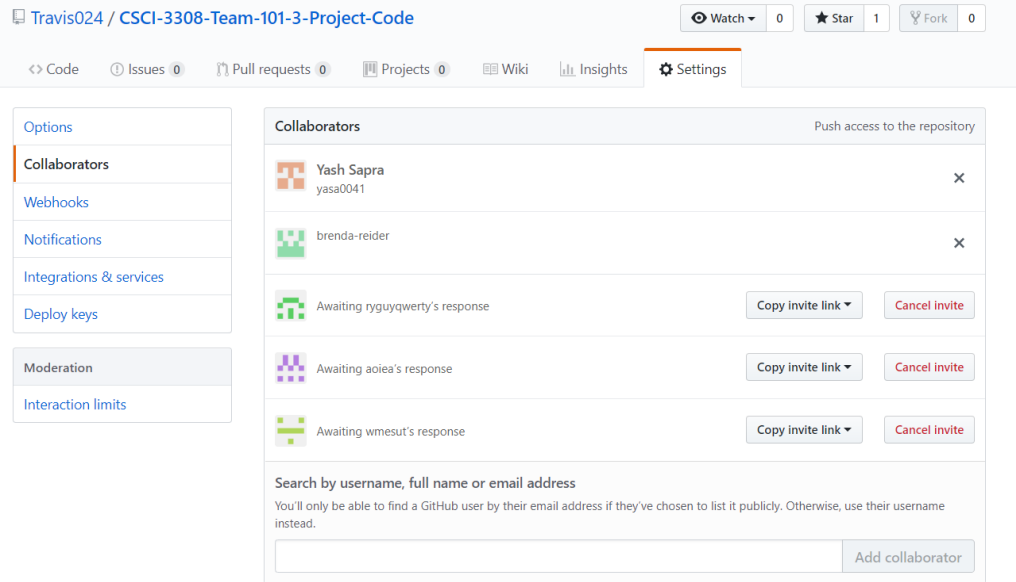
Boulder, Colorado is a place with adventures and activities for everybody, but that doesn't mean that finding the perfect thing to do on a gorgeous Colorado day is easy! Making choices can often be rather difficult, and residents of Boulder end up spending more time on the internet looking up what to do than actually getting outside and enjoying mother nature!

LivBoulder, an online outdoor activity finding website, seeks to combat this exact problem. Shortly after signing up, users will be given the opportunity to fill out their preferences for outdoor activities including length of activity, difficulty of activity, season for activity, and more. Our website will then pull suggestions from a database that are personalized for users based on their preferences, thus eliminating the constant Googling required to find something to do elsewhere.

Furthermore, users will be able to add activities to one of two categories – either “Want to Do” or “Things I’ve Done” so that they can track their progress as they attempt to make the most out of all that Boulder has to offer. Users will also be able to rate activities and leave small comments so that, in the case they’re looking to go back to something familiar, they can remember what they enjoyed and what they didn’t.

Vision Statement:

To inspire people to live bolder, more exciting, and more fulfilling lives by connecting them with outdoor adventures right in their own backyard.



Development Method:

We plan to use the Agile Development method. This is because, due to the nature of the class, we'll be learning new languages and technologies that we might want to implement as we are in the process of creating our application.

We plan to meet once per week (twice if necessary) for our scrum. In these meetings we'll discuss what was accomplished in the past week, what needs to be completed in the following week, and any new developments we may want to add.

Communication Plan:

Our team plans to communicate via group text message, which we believe will be effective due to the fact that we all always have our phones on us and because we have already begun to use this method of communication effectively to set up multiple team meetings.

If we need to host a second meeting outside of our scheduled Monday meeting, we will use Skype/Zoom/Discord to host that meeting.

In the case that any files need to be shared, we have also created a Google Drive Folder for uploading files. Github can also be used for downloading any files.

Proposed Architecture Plan:

Front-End:

- HTML (for layout of website)
- CSS (for styling website)
- Bootstrap (for styling website in addition to CSS)
- JavaScript (for client-side interaction and making website interactive)

Back-End:

- postgresQL (storing data about profile info, different activities, etc filled out on site)

Integration:

- nodeJS (taking data from PostgreSQL database and using on website)

**Note*: We plan to utilize a majority of the technologies we learn in class, and so this list is subject to change as the semester progresses.*

Meeting Plan:

- Time: Monday, 12pm – 1:30pm, Weekly
- Location: Benson Earth Sciences Library
- Method: Face-to-Face
- Possible Zoom/Skype/Discord meetings over weekends if we need additional meeting time