

Title:

Colorado PowderPro

Who:

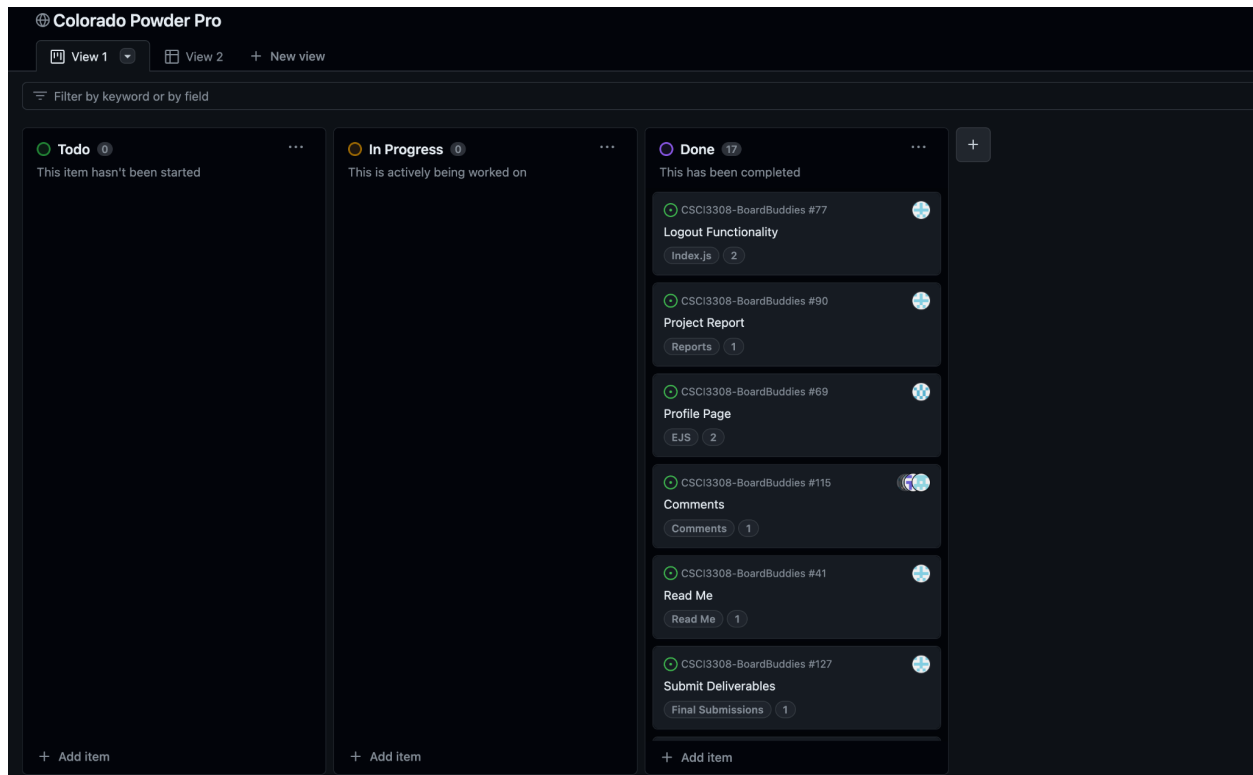
- Grace Mudd
- Jenna Jones
- Isabel Dudney
- Alex Ulrich
- Caleb Anderson

Project Description:

Our app will show mountains in Colorado organized by the IKON and EPIC passes. Users can toggle the details of a mountain to see if it's a good fit for them by using the dropdown menu on either the "Your Mountains" or "Other Options" tab. Each mountain has details about its runs, difficulty, and elevation. Users can delete their profile to change their skill level and pass on their "Profile" pages to update the "Your Mountains" page to show what the user can go on. So, when they delete, they do have to register again, but this way it is more up to date for their needs. This way as the user develops skills, it will show more runs that the user can try. There is also an "About Us" page to allow users to read about our website and the creators to have a deeper understanding of what our website is used for.

Project Tracker:

<https://github.com/users/gmudd20/projects/2/views/1>



Video:

Video couldn't be uploaded, so link is here:

<https://drive.google.com/file/d/1-XL9xNb4dkMilOfjs97t-2td34aOR2S9/view?usp=sharing>

VSC:

<https://github.com/gmudd20/CSCI3308-BoardBuddies.git>

Video could not be uploaded to github, but it is included in this report as asked.

Contributions:

Grace Mudd: I started with creating the database and working on that heavily. I worked on part of the index.js most of the project. This file was a heavy load, so it was split up between a couple of us. I helped with your mountains, did a lot of profile, got register and login working, and did the logout functionality. I also was the scribe for our group and made sure our release notes were up for the meeting each week. I also created the Read.Me and updated this throughout the project to reflect our progress. The project report outline and making sure it was completed was also up to me.

Jenna Jones:

Functionality and CSS of profile page. CSS of login and register page. Added authentication malware in index.js, fixed profile code in index.js, did initial structure of the file index.ejs (mostly for login and register). Did .env and git-ignore file. Did messages for the logging out. Helped with some of the testing. Created and added our logo to the website. Created and made about us page. Additions to header and footer. I also was consistently keeping the project board up to date and adding to the weekly release notes.

Isabel Dudney:

Designed layout of database, created create.sql and half of insert.sql. Besides the database, I worked mostly on design and look of website. Did a big portion of the about us page, made it readable and professional. Contributed to CSS for footer, about us, and some of profile. Additionally I made the presentation for our project, and helped with some things in lab 11.

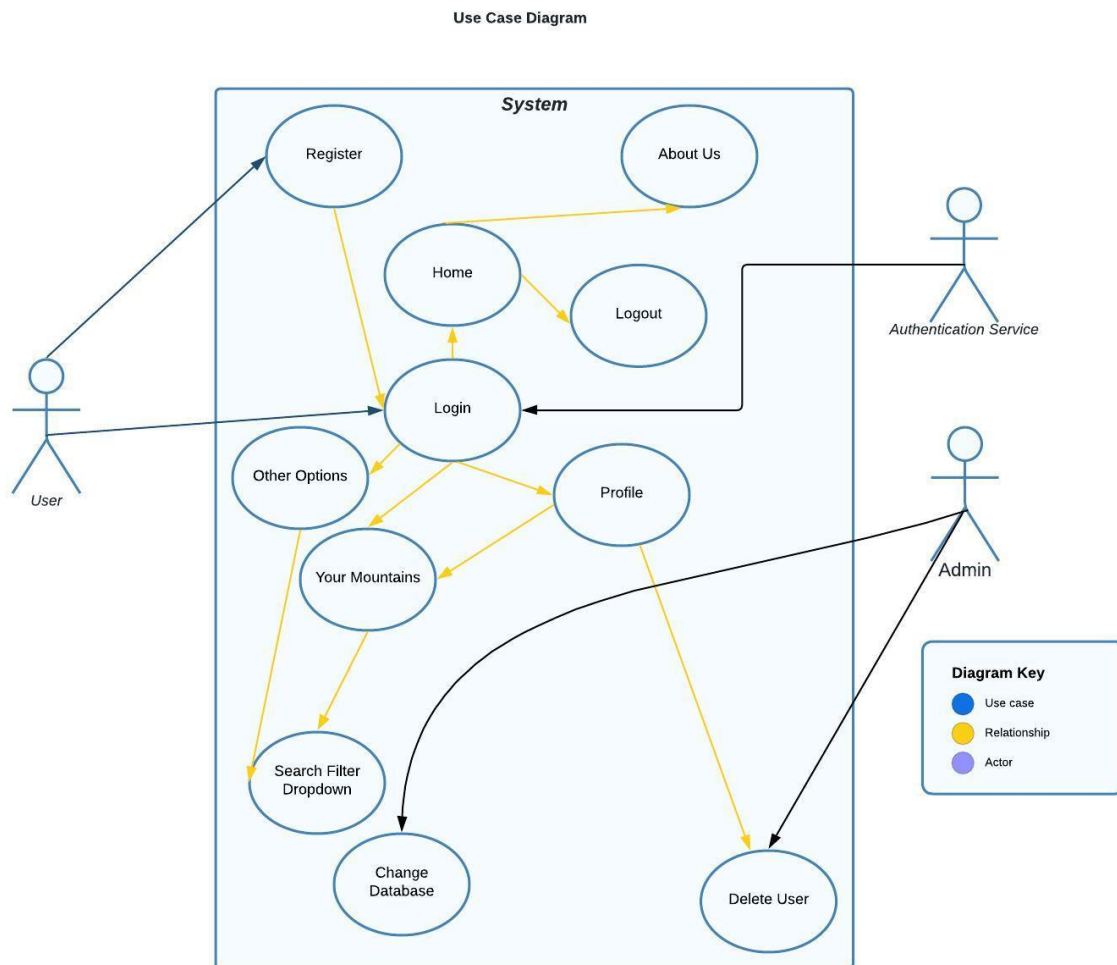
Alex Ulrich:

Worked with Grace on Index.js, focused mostly on the app.get('/your_mountains') and app.get('/other_options') to make sure that the endpoints properly queried our database. Helped Caleb with your_mountains.ejs and other_options.ejs by adding embedded javascript to access all of the necessary information and data points. Worked on testing both to make sure that our testing functionality itself was working but also to make sure that all functionality the tests were evaluating was working.

Caleb Anderson:

I focused mainly on the HTML, EJS, and CSS on the “your mountains” and “other options” pages. I also helped figure out some details in the index.js for those pages too. Made the footer for the login and main pages. I also uploaded the initial framework for all the partials. Did CSS for footer, about us, and some of profile, your mountains, and other options.

Use Case Diagram:



Test Results:

There are positive and negative tests for both the `app.post('/login')` and `app.post('/register')` endpoints, and each test sends a 200 status if it passes. The positive test for login sends a valid username and password to the login endpoint and determines if it successfully logs in the user, and the negative test sends an invalid username and password and determines if it fails to log in the user. The positive test for register sends user information that is not already in the database and determines if it is successfully added, and the negative test sends user information that is already in the database and determines if the registration failed.

Deployment:

First, make sure Docker Desktop is downloaded to your computer based on the software.d To run our program, you can clone our repository to your local computer. From here, you run in your terminal the statement “docker compose up”. On Docker, you can click on the web container directly the 3000 port or look up on Google localhost:3000. This will pull up our application.

Or by using this link below that we created during lab 13 by hosting our website on Azure:

<http://recitation-011-team-05-a.eastus.cloudapp.azure.com:3000/login>