

The Vibe Check

Team Number: 016-3

Team Name: The Vibe Check

Team Members:

- Chiranth Vadayar; **GitHub:** chiranthvadayar, **Email:** chva5478@colorado.edu
- Matthew Lieng; **GitHub:** mali7617, **Email:** mali7617@colorado.edu
- Austin Hutchen : **GitHub:** austinhutchen, **Email:** hutchencodes@gmail.com
- Arohan Prasai : **GitHub:** arpr4752, **Email:** arpr4752@colorado.edu
- Gervis Ramos Garcia: **GitHub:** gervisram, **Email:** gera3767@colorado.edu

Application Name: The Vibe Check

Application Description:

Our application aims to help users discover locations that align with their current mood, making it easier to decide where to eat, relax, or hang out with friends. Traditional map apps like Google Maps or Apple Maps often rely on photos, reviews, or business names, which don't always capture the "vibe" of a place. Our solution addresses this gap by curating locations based on their mood or ambiance, providing a more intuitive way for users to choose their destination.

Whether users are in the mood for a cozy café, a lively bar, or a quiet park, our app will present tailored suggestions, allowing them to explore the city in a way that feels right in the moment. By matching places with moods, we hope to offer a more personalized and enjoyable experience, making it simple to find the perfect spot for every vibe.

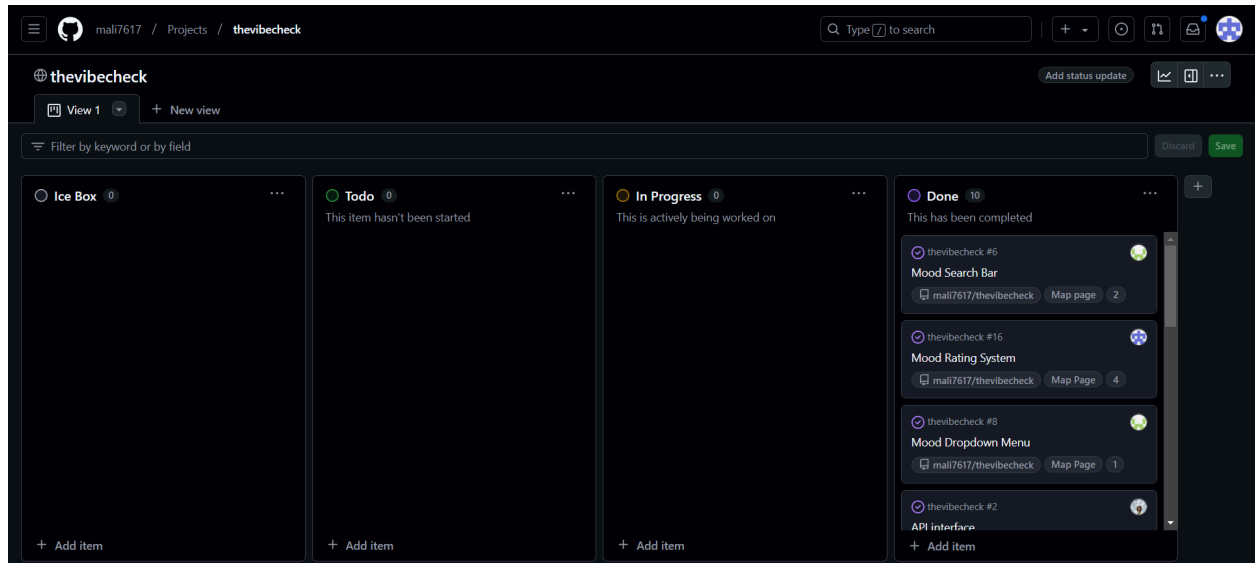
We plan to support multiple moods, **around 3 or 4 'mood spot' choices will be available for optimal searching throughout the google maps API.** For our searching purposes, we will use the google maps JS library located [here](#).

Vision Statement:

For college students and young adults, who struggle to find places that match their mood, **The Vibe Check** is a mood-based location discovery platform that helps users easily find places aligned with their current vibe. Unlike traditional map apps like Google Maps or Apple Maps, our product focuses on emotional ambiance, offering personalized suggestions to create more meaningful experiences.

GitHub Repository: <https://github.com/mali7617/thevibecheck>

GitHub Project Board: <https://github.com/users/mali7617/projects/1/views/1>



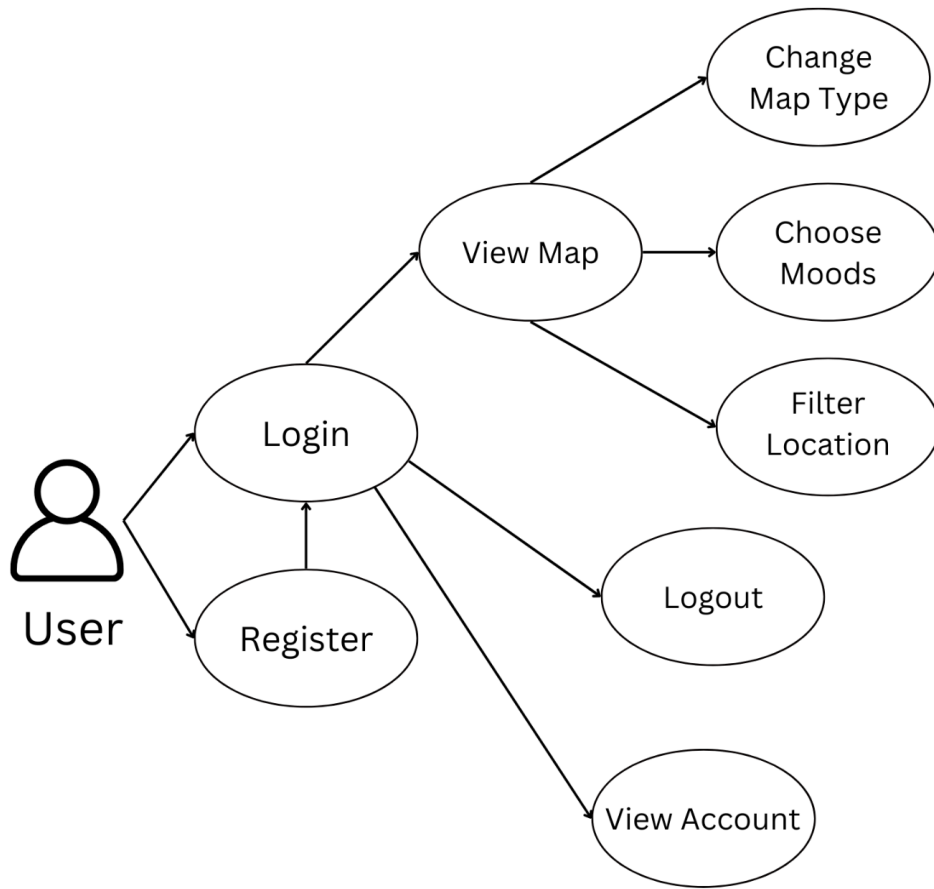
Project Tracker: <https://freedcamp.com/view/3520664/tasks>

Contributions (most contributions on Chiranth's Liveshare) :

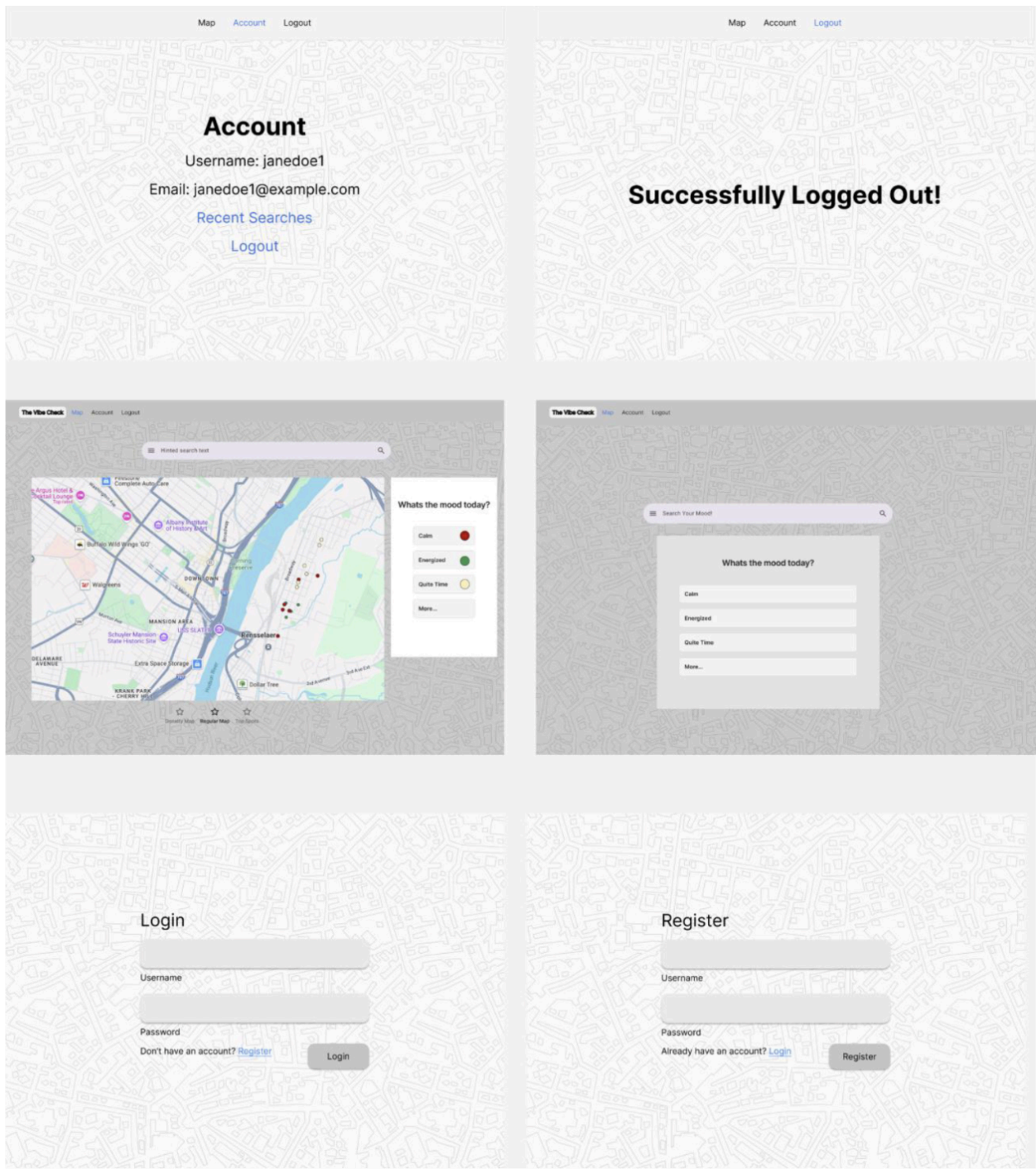


- **Matthew:** I contributed to creating the buttons that allow users to display locations based on mood, building a review feature that was completed but not implemented into the final application, writing test cases, and debugging API routes.
- **Austin:** I worked on building the map interface, as well as setting up some of the more difficult endpoints for the google maps API.
- **Gervis:** I contributed to making some of the simpler API routes that handle things like logging in and registering and making initial pages. I also worked on creating styles and the integration of individual styles that our group members made, fixing merge conflicts and editing the final merge to fit our vision.
- **Arohan:** I contributed to debugging API routes and test cases. I also worked on creating independent styling for the website. Contributed to basic partial and page layouts. Contributed to the development of the wireframe as well as the group project.
- **Chiranth:** I worked on building the background and worked on styling. I also helped to make sure the product that we had at the end was fully functional and would be a product that we could show to an investor audience as well. I also helped to organize the team and ensure work got done in an efficient manner.

Use Case Diagram:



Wireframes:



Test Plan:

Includes:

1. Mood-based map discovery
2. Interactive map filtering

Mood-based map discovery

1. Test valid mood selection
2. Test invalid mood input
3. Validate API response

Interactive Map Filtering

1. Test map mood filter
2. Validate search results
3. Ensure proper interaction in the interface

Testing:

Using Mocha and Chai

Positive Test Case: API returns valid location recommendations

Negative Test Case: API handles invalid mood input

Test Case ID	Scenario	Input Data	Expected Result	Status
01	Valid Mood Selection	Adventure	Expected	Pass
02	Valid Mood Selection	Outdoors	error	400
03	Valid Mood Selection	Empty	error	400

Schedule:

Coding and Structure: Week 1

Testing: Week 2-Week 3

Finalization Week 3- Week 4

Deployment: <https://thevibecheck.onrender.com>

Youtube Video Link: <https://youtu.be/Iyz0CuUNrzQ>