

The Vibe Check

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What is *The Vibe Check*?

Personalized Mood-Based Recommendations

The Vibe Check curates location suggestions tailored to the user's current mood, going beyond traditional maps and reviews.

Spontaneous Exploration

Encourages users to enhance experiences by exploring places spontaneously based on their feelings.

Diverse Atmospheres

Offers destinations that match a range of vibes, from lively bars to tranquil parks or warm, cozy spaces.

Adaptive Planning

Suitable for various occasions, whether planning an energetic night out or a peaceful evening of relaxation.



Why is This Important?

- TheVibeCheck offers solutions that help users find the best place for their vibes
- Most mapping tools don't factor in mood, therefore making it harder to discover places that actually feel right
- Making exploring cities more personal and enjoyable, empowering users to discover vibes



Features

- Interactive Map
 - It is integrated with an interactive map that highlights locations off of moods
- Custom Vibes
 - Choose and select custom vibes based on user preference



Tools Used

Project Tracker: *Freedcamp* [3] 

VCS Repository and Project Board: *GitHub* [5] 

VCS: *Git* [5] 

Database: *PostgreSQL* [5] 

IDE: *VS Code* [5] 

Wireframes: *Figma* [3] 

UI: *Handlebars* [4] 

UI: *HTML* [5] 

UI: *JavaScript* [5] 



Tools Used (cont'd)

Application Server: *NodeJS* [5] 

Deployment environment: *Render* [4] 

External API for Map: *Google Maps API* [5] 

Testing: *Mocha* and *Chai* [3]  

Framework: *Express* [4] 

Styling: *Bootstrap* [4] 

Meetings: *Zoom* [5] 



Methodology: *Agile* [4]



Methodology: *Pair Programming* [4]



Wireframes

Login

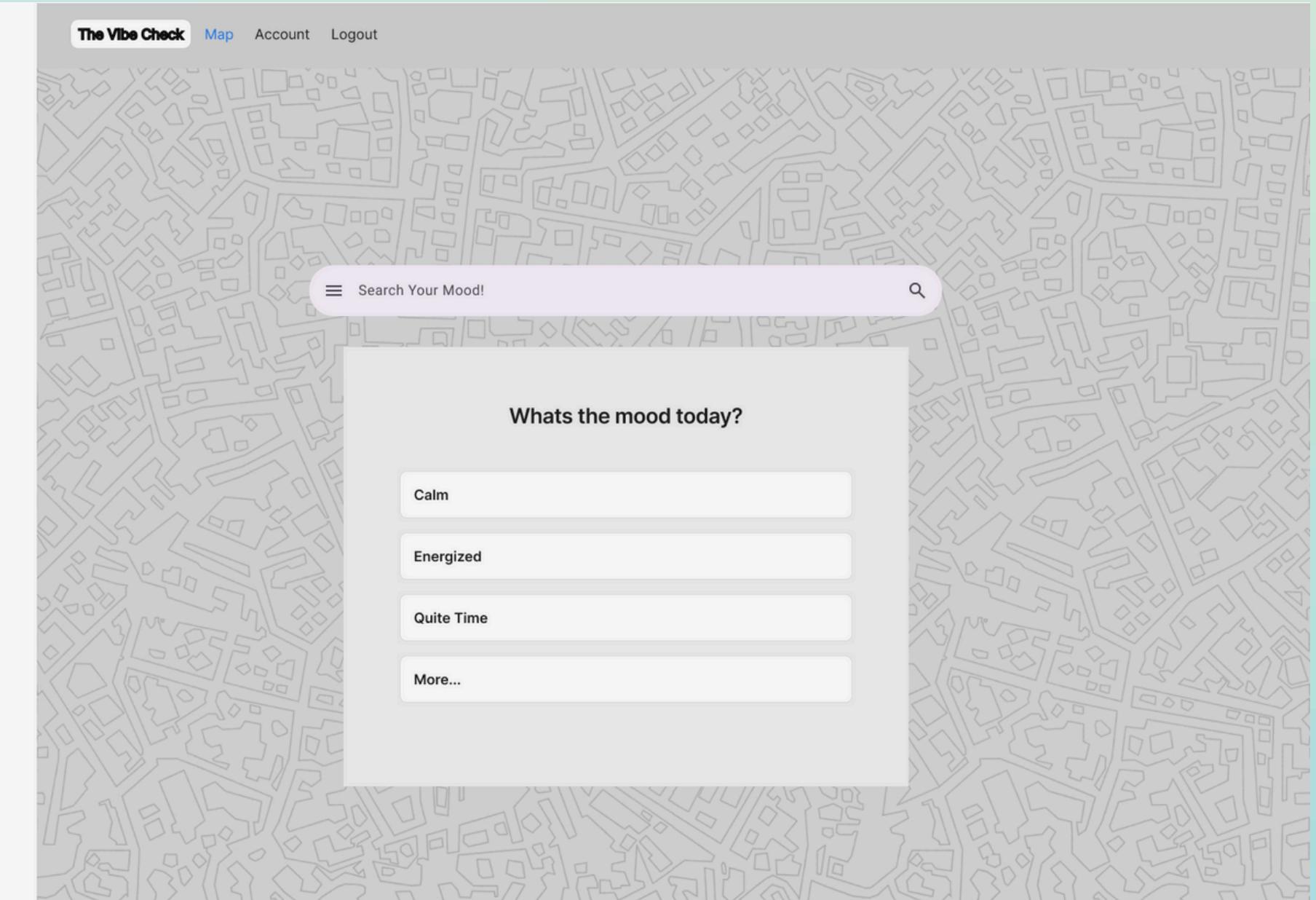
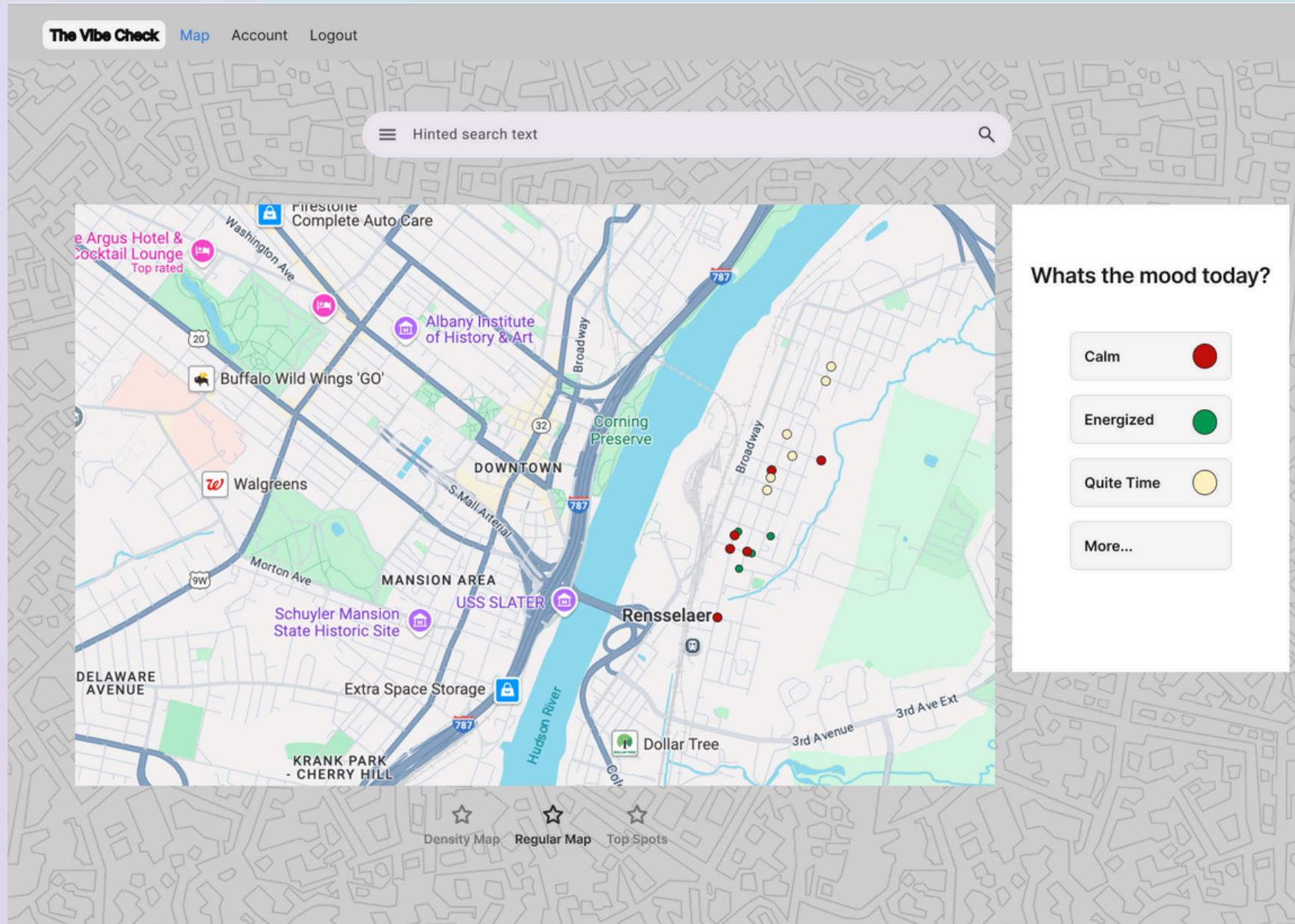
This wireframe shows a login interface. It features a large, light-gray rectangular input field for 'Username' with a thin black border. Below it is another light-gray rectangular input field for 'Password' with a thin black border. At the bottom left, there is a link 'Don't have an account? [Register](#)'. On the right side, there is a dark gray rounded rectangular button labeled 'Login'.

Register

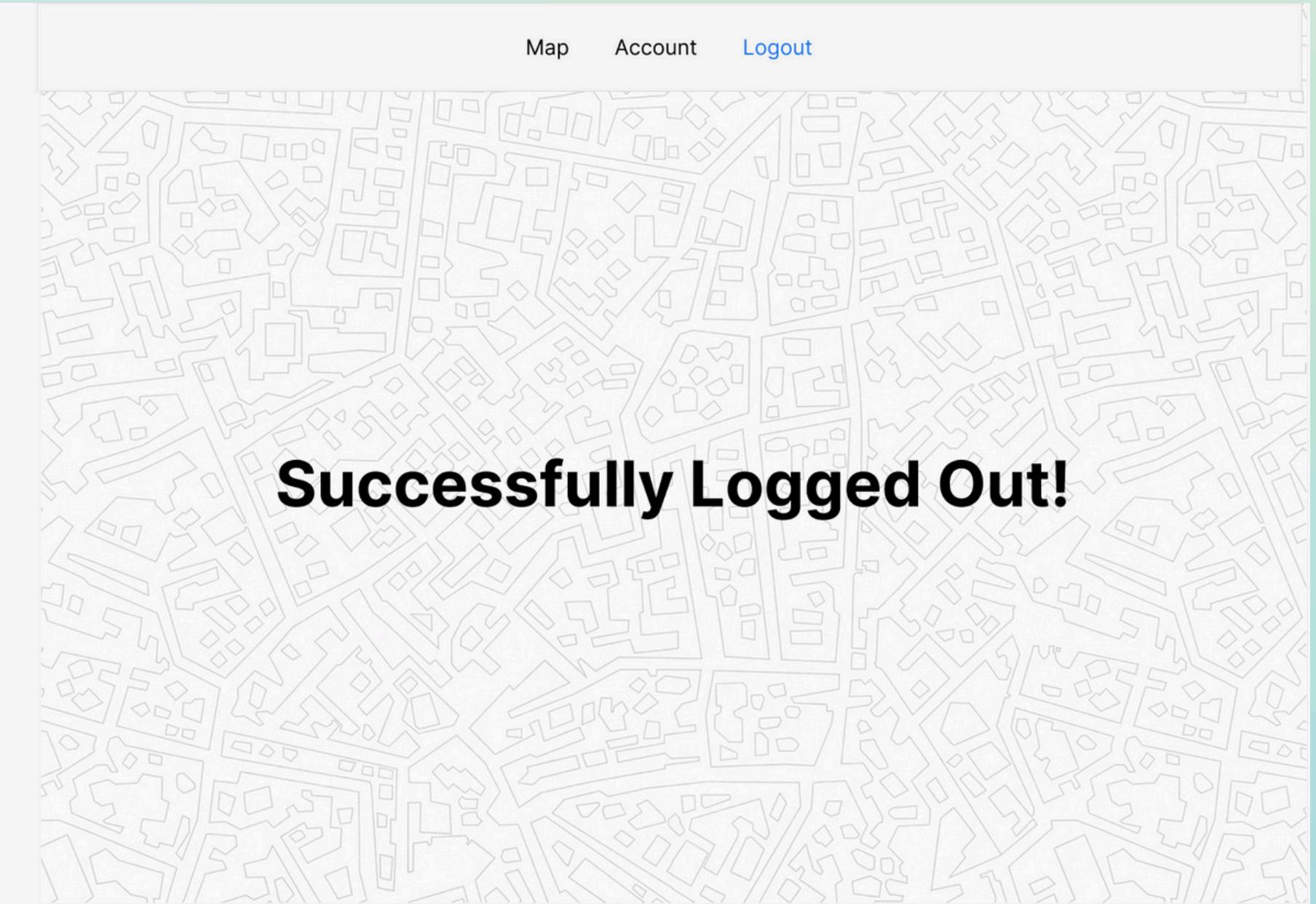
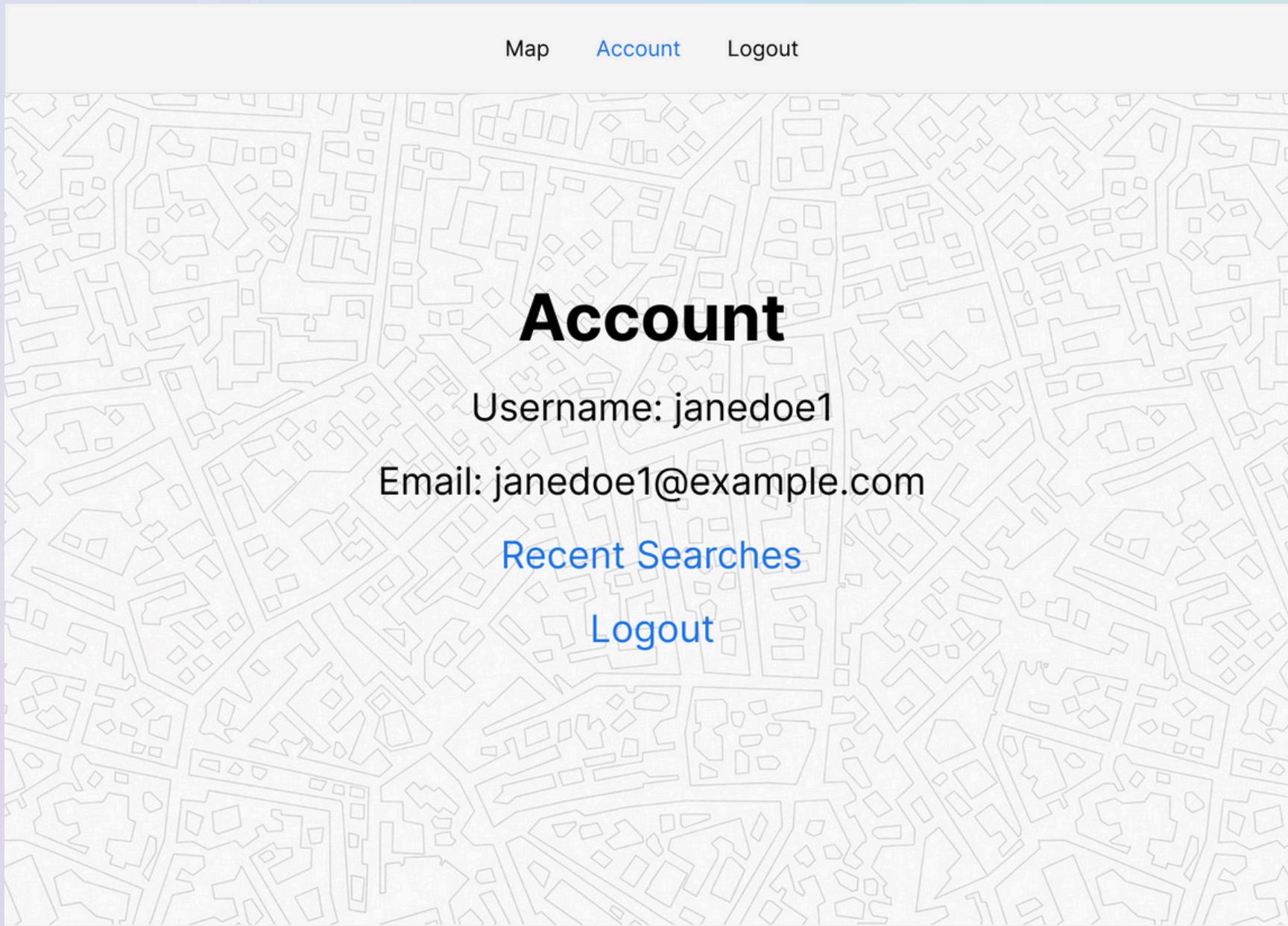
This wireframe shows a register interface. It has two light-gray rectangular input fields for 'Username' and 'Password', both with thin black borders. At the bottom left, there is a link 'Already have an account? [Login](#)'. On the right side, there is a dark gray rounded rectangular button labeled 'Register'.



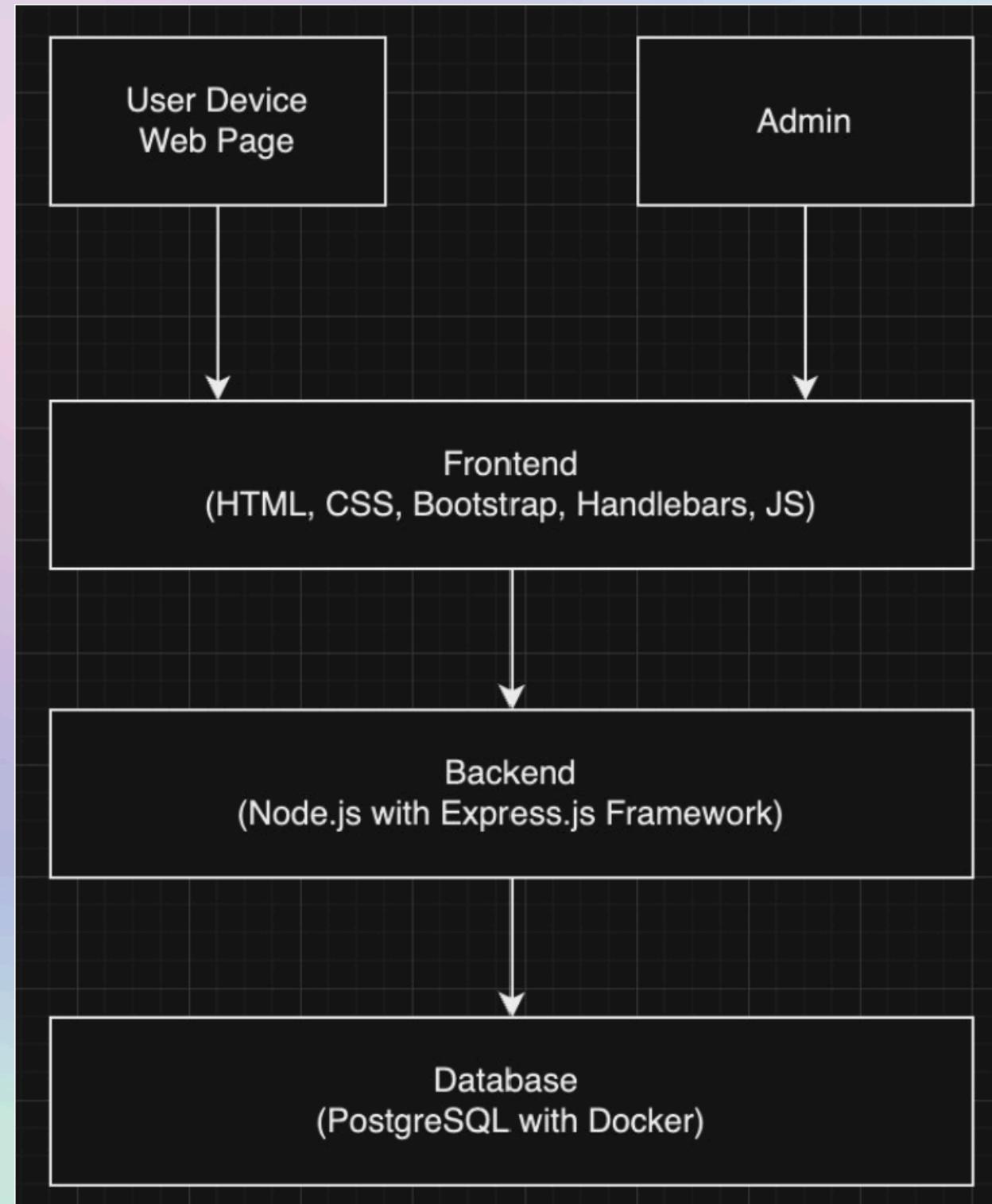
Wireframes (cont'd)



Wireframes (cont'd)



Architecture Diagram



Main Challenges

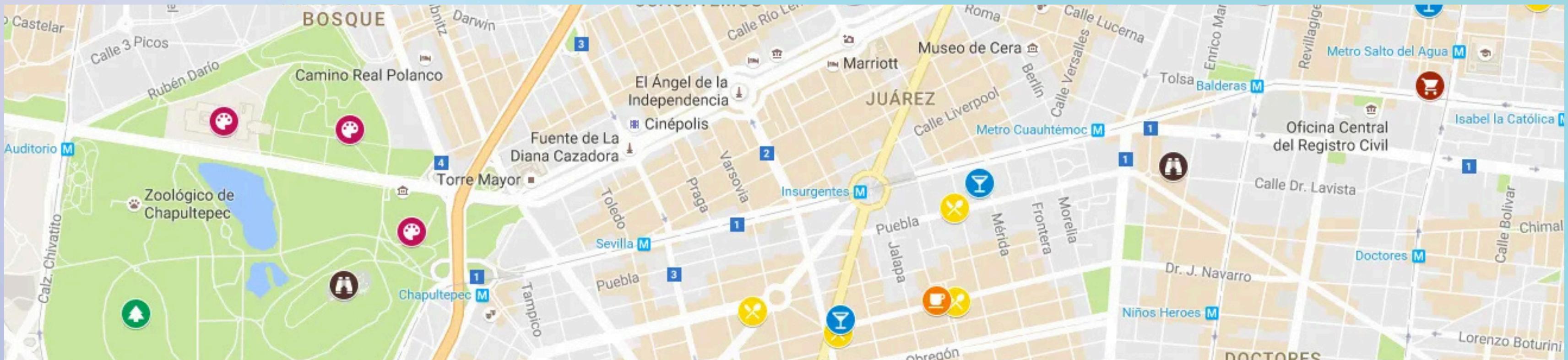
- Figuring out to set up Google Maps API request (see next slide)
- Git Issues:
 - This took a while to overcome which reduced the number of features we could have added to the website
 - We fixed the issues by getting multiple features onto one branch and debugging from there



Google Maps API



- The map feature was the most challenging part of the project.
- Difficulty arose in integrating the API server-side endpoint into the code.
- Debugging the Google Maps API to work correctly on the webpage was a key hurdle.



Future Scope/Enhancements

- Add a messaging feature between users so that they can meet or plan events at certain locations based on their mood
- Allow users to add their own reviews and ratings to locations
 - Implemented but ran into errors in merging the code
- Allow users to change password and set profile picture for the account page
- Allow users to create events that gives them options for their own mood events (i.e. Relaxing evening at the park)



Future Scope/Enhancements

The screenshot displays the TheVibeCheck application interface. At the top, there is a navigation bar with icons for Map, Account, and Logout. Below the navigation bar is a search bar containing the placeholder "What's the vibe today?" and a blue "Search" button.

The main area features a map of Boulder, Colorado, with various neighborhoods and landmarks labeled. A sidebar on the left provides navigation between "Map" and "Satellite" views. The map includes labels such as WONDERLAND LAKE, RURAL NORTH BOULDER, NORTH BOULDER, PALO PARK, Boulder Municipal Airport, Valmont Bike Park, and numerous parks and trailheads like Lions Lair And Sunshine Canyon Trails, Mount Sanitas Trailhead, and Green Mountain West Trailhead.

To the right of the map, a modal window is open for the location "Rincon Argentino". The modal shows a rating of 4.00 and a section for reviews. One review is listed: "@q Rating: 4 Mood: Hungry nice". Below this, there is a "Write a Review" section with fields for mood selection, rating selection, and a review text area, followed by a "Submit" button.

A large arrow points from the bottom left towards the map area, indicating the direction of future development or enhancement.

Live Demo

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



Thank You!