Bouldering Buffs

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Mission

- Foster a community for climbers in the Boulder area to connect and engage
- Develop an interactive database that simplifies searching for climbing routes
- Offer a platform for climbers to host and organize climbing events with fellow users
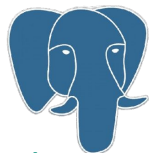
Tools Used

GitHub	PostgreSQL	Handlebars	HTML	CSS	Online Dataset
4.5 stars	4 stars	4 stars	4 stars	4 stars	2 stars

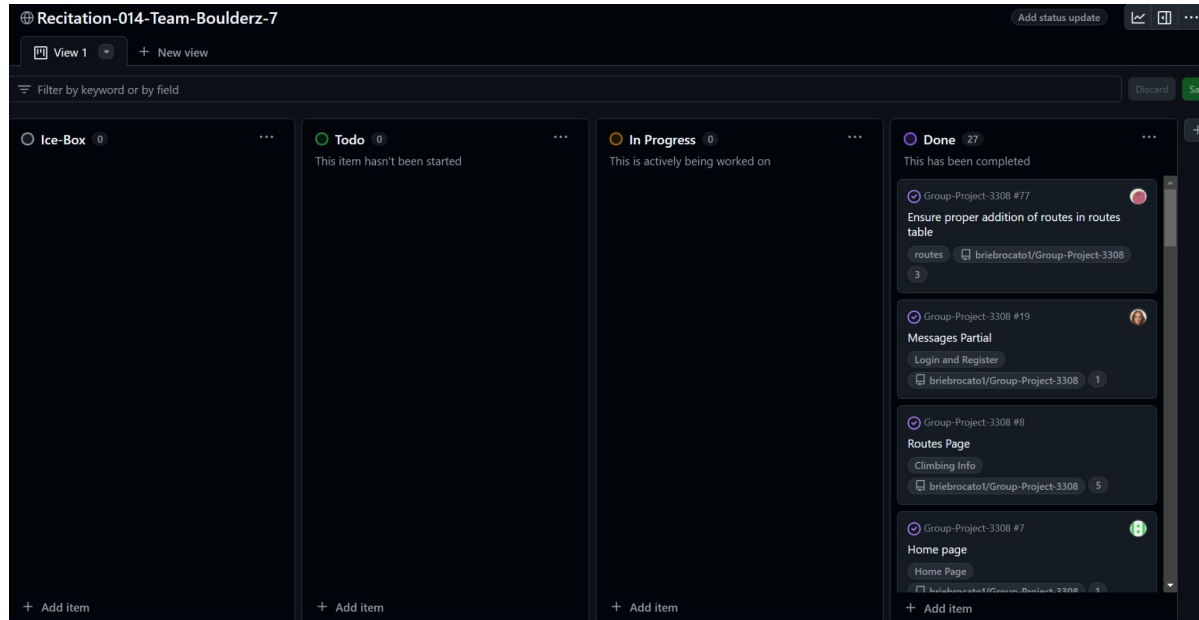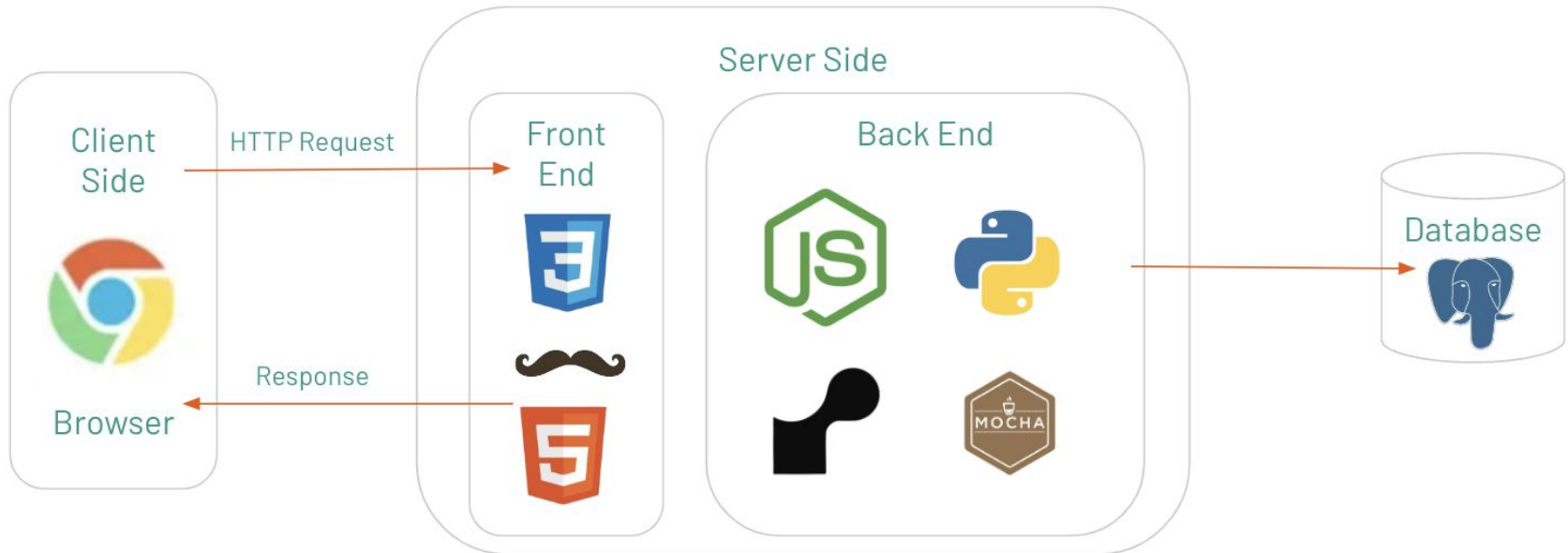| Python	Mocha	Agile	Render	NodeJS	Express in Node
2 stars	3 stars	4 stars	4 stars	3 stars	3 stars

Project Board & Management

Architecture Design

Challenges

- Converting a non-API database into SQL format for insertion
- Ensuring the proper functionality of the script.js file
- Troubleshooting issues with SQL failing to create complete tables
- Resolving issues with the database initialization for proper site rendering
- Integrating different code

Future Scope & Enhancements

- Enable users to upload photos of climbing routes, enhancing the visual experience
- Ensure the website is fully scalable and optimized for use across all devices
- Implement two-factor authentication for improved account security
- Introduce a content moderation system to flag inappropriate messages or uploaded routes

Demo

Website: https://bouldering-buffs.onrender.com/home

Video: https://drive.google.com/file/d/1prB0cTW9cLxWysMrFSDhDvv6sR9X5fi8/view?usp=sharing