Team Number: 011-5
Project Title: Realty Ratings
Team Members:

Quinn Guerin

Jordan Evans

Rocky Erdenebat

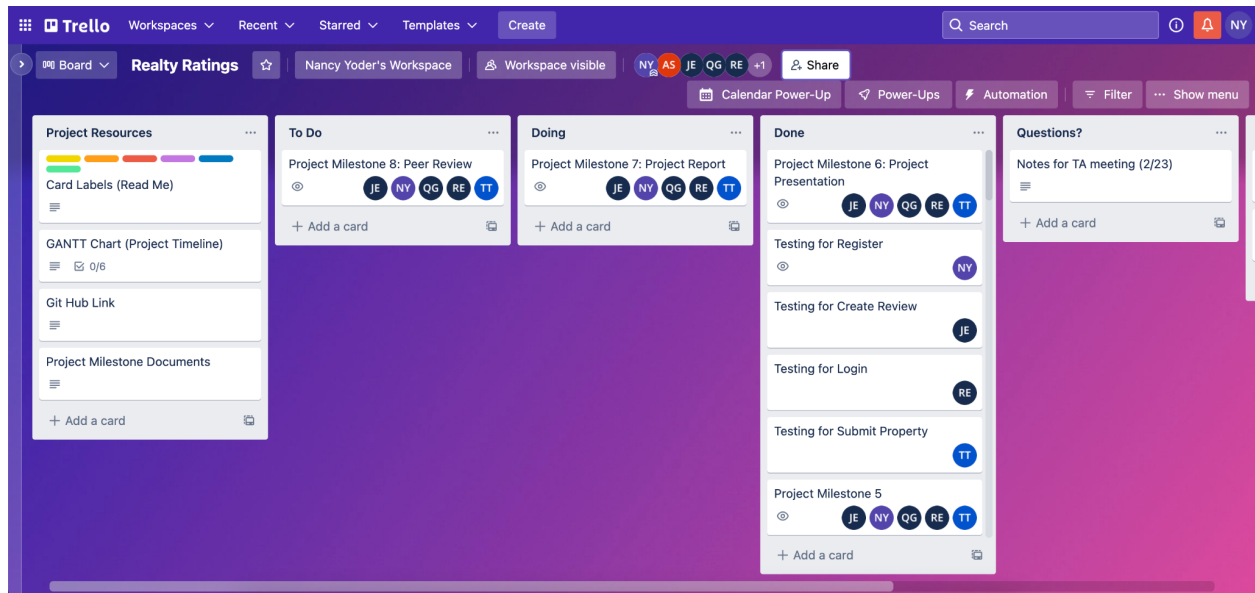Nancy Yoder

Tucker Travins

Project Description:

When choosing a new place to live, CU Boulder students are often faced with tons of misinformation, and critical information of properties are purposefully held by management companies. Our course project, Realty Ratings, is a website designed to be the solution to that problem.

Our website is similar to other user created review websites such as Yelp, Google Reviews, and Ratemyprofessor. In our website, CU Boulder students are freely able to submit their personal, uncensored review of their property that they lived at. By encouraging users to create an honest, candid, review of their experience of said property, potential future tenants are able to see the property in full clarity, no information is held back. Rats in your building? Noted. Landlord is a non helpful, grouchy, old woman? Noted.

Our website has the functionality to create new properties (if they are not within the database already), upload images, and enter the respective address using dropdown menus and user input. If the property exists, users are able to click on it, rate it out of 5 stars, and write their personal experience. Other functionalities include registering/login for users, changing profile information, deleting user accounts, and filtering properties by certain criteria.

Project Tracker:

https://trello.com/invite/b/8pAmQo3Z/320f5f81c7ac47e59e11cece1a2568b2/realty-ratings
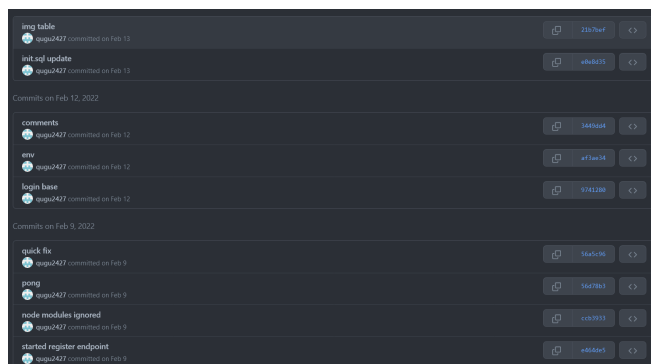

Video (TUCKER):

https://vimeo.com/701049153

VCS (QUINN AND NANCY):

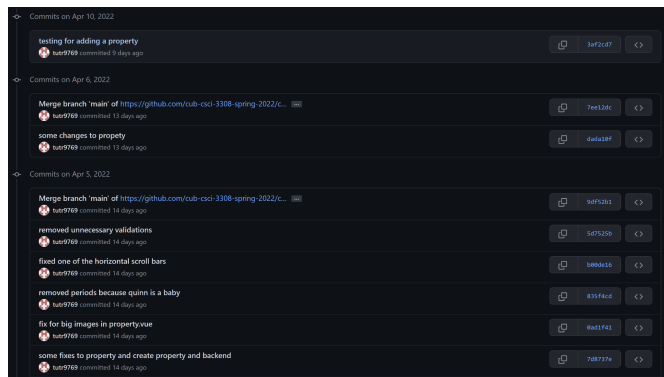https://github.com/cub-csci-3308-spring-2022/csci-3308-spring22-011-05
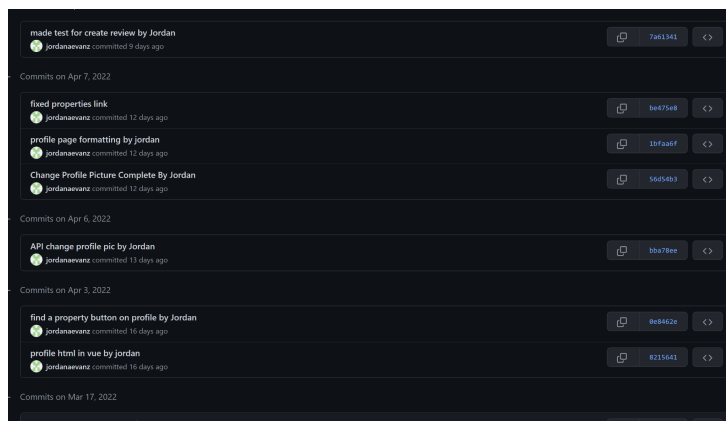
Contributions:

Quinn: I created the Register/Login and authentication system. I also worked on various frontend tasks such as the Filter search feature and also various backend tasks such as db queries for the search functionality. Additionally, I helped to design and layout the architecture for the frontend, backend, and database.
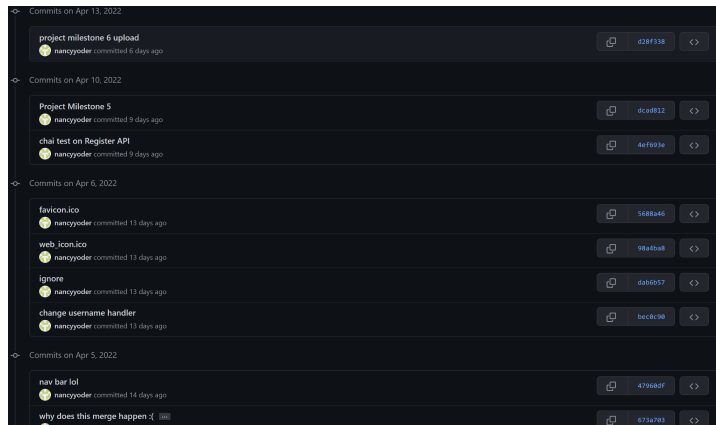
Tucker: I did the main frontend work for the individual property page. I also did some frontend work on the home page and the submit property page. I did backend work on the individual property page and the submit property page, including the implementation of # of bedrooms and # of bathrooms and property manager for submitting and fetching a property, and also the database inputs and requests.

Jordan: I created the frontend for the profile page as well as worked on the overall UX/UI of the website. I created a change profile picture button as well as did the backend to implement this button which updates the database with the URL of the new image so that it is saved. I implemented the frontend and backend of a link within the reviews that are displayed on the profile page so that users can easily go to the properties they have previously reviewed.
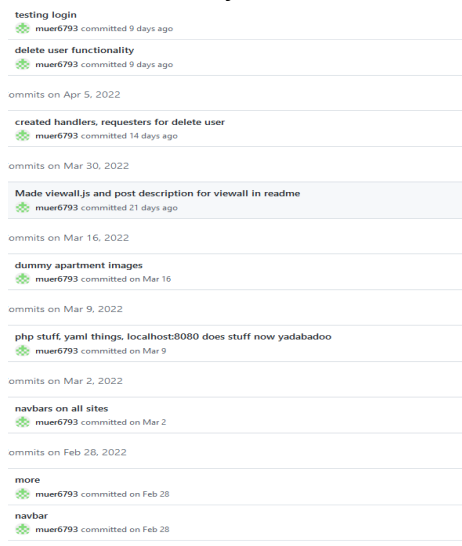

Nancy: I did the front end for the create review page as well as worked on the general create review and property viewing feature. I also worked on general formatting and UX/UI design for the front end. I worked on creating and populating the PostgreSQL database and creating validation functions to validate the backend. I also managed the project tracking board and made sure we got everything turned in on time.

Rocky:

We each created one HTML page for us to work on. Mine was the Viewall.html in the front end components, which was supposed to be the front page. I also created a beautiful navbar and made the styling so that it appeared the same on all pages. For the back end, I helped the others create part of the database, and created the front and back end functionality for a delete user button, which included handlers and APIs.

Deployment:

https://realty-ratings.herokuapp.com/