

# Project Milestone 2

## Features

- Authentication (login or sign up)
  - Front page prompts you to sign up, log in, or view as a guest. Signing up creates an account (colorado.edu email is required), then a verification link will be sent to the email to confirm. Once you have an account, you can log in with it and use the full features of the site. If you enter as a guest, you can view everything on the site, but you can't really interact with anything or make edits.
- Browsing property (includes filters)
  - A page that displays all properties that fit the filters the user has added to their search. This page will display a photo of the property, the address, property management company, and rating out of 5 that other users have given the property. On this page each property displayed will consist of 2 buttons. 1 button will allow you to view the property in depth, and the other button will allow you to rate the property.
- View Specific property
  - Once you click on the view property button on the browsing page you will be taken to a page designated to that specific property. This page will be the same for all properties. This consists of images of the house uploaded by other users that have rated the property, along with all of the same information as on the browsing property page. The main difference is that it consists of a scrolling box where you can view ratings made by other students.
- Add, Rate & review property
  - If you are logged in and verified, you can give a property you lived at a rating (1-5 stars). You can also leave comments and pictures. If the property is not yet in the database, you can add it with just its address.
- Request to get something removed
  - There will be an application that users can fill out to remove a review from a property. This application will require details like why this review/picture should be removed, and a little detail of the applicant. This application will then be reviewed by us and will be either declined or approved.

## Requirements

- Feature #1 - Authentication
  - in
  - Sign up (Has to be a @colorado.edu email)
  - Guest viewer mode

- Log
- Feature #2 - Browsing
  - Filter properties by
    - Rating
    - Neighborhood
      - (Hill, East Campus, Goss Grove area, etc.)
    - Cost of Rent
      - Minimum, Maximum budget
  - Front end
    - Review out of 5 stars
    - Address
    - Property management company
    - Little picture of house
    - Monthly rent
  - Search function
    - If nothing comes up, create review
  - View profile in top right corner
    - My reviews
      - Shows properties you've reviews
    - Find a property
      - Leads to search
- Feature #3 - Viewing
  - View uploaded photos
  - Property info
    - Property management company
    - Address
    - Overall rating (out of 5 stars)
  - Scroll through student reviews
  - Request removal button
- Feature #4 - Rating
  - Required details (creating new property)
    - Street address
    - Monthly rent
    - Rating (out of five stars)
    - Num of Bed/Baths
    - Property management company
  - Non required (creating new property)
    - Comments/Concerns
      - This is for any concerns previous tenants might want to raise for future users to consider.
  - Submit button
  - Users cannot make multiple reviews for the same property.
  - Required details (adding a review to existing property)
    - Rating out of 5 stars

- Monthly rent
- Non required details (adding a review to existing property)
  - comment
- Feature #5 - Request Removal Page
  - Displays our email address link
  - Instructions for submitting removal requests.

## Project Plan (order of implementation)

We are using Trello for our project management and project plan. It is set up in 3 different columns (todo, doing, done). There are two extra columns for project resources and questions. The cards are tagged with labels based off of which of the 5 features it is related to. Each task has a date for when it will be completed. The GANTT chart of when things will be worked on is linked in project resources.

<https://trello.com/b/8pAmQo3Z/realty-ratings>

## Wireframes & Design

For our wireframe design, we decided to use Figma.

<https://www.figma.com/file/rvT8m2hsJqSUdPvw2pbSPF/Realty-Ratings-layout?node-id=115%3A42>

## Individual Contributions

Nancy: I started the Figma wireframe and prototype it by linking the boards together. I also created the Trello board with all of the project planning. The link to the github commit with the link to the Trello is below.

<https://github.com/cub-csci-3308-spring-2022/csci-3308-spring22-011-05/blob/main/Components/trelloLink.txt>

Rocky: Created tutorial list, helped with brainstorming concepts for our website

<https://github.com/cub-csci-3308-spring-2022/csci-3308-spring22-011-05/commit/492ffac38a103f5fc9dc4d842ff0ce311adaaff1>

Quinn: Created backend authentication system. Designed database outside.

<https://github.com/cub-csci-3308-spring-2022/csci-3308-spring22-011-05/commit/3449dd4fc3f096d2c2f8711bd884a9ddd37e2d6>

Jordan: Created a prototype of the website on Figma and helped with writing the features list.

<https://github.com/cub-csci-3308-spring-2022/csci-3308-spring22-011-05/blob/main/Components/figmaLink.txt>

Tucker: worked a bit on the figma and on general planning and made the gantt chart.

<https://github.com/cub-csci-3308-spring-2022/csci-3308-spring22-011-05/commit/1644bccf78f7164fee3bd0f12448bd952a08e454>