



What is Rate 'Em

Rate 'Em is a locally developed real estate application that aims to improve the tenant-landlord affiliation. Individuals may visit the site if they are hesitant about the process and want to learn more about the tenant or landlord in order to reduce the stress of being a renter or renting out a property.

Inspiration

Landlords are usually expected to do background checks as part of that process, but not all of them do so, and tenants tend to question how fair a landlord is based on the experiences of prior tenants. Rate 'Em can help many since people are constantly trying to rent, and it can help both parties be aware of who the other is and what they can expect from one other.

Goal

The primary objective of Rate 'Em is to make leasing as comfortable as possible through the use of the review and rating system between registered landlords and tenants.

Implementation



- MariaDB to hold user data, property info, comments, and user ratings.
- Javascript and PHP for client and server connection.
- HTML/CSS for front-end development.

Timeline

Aug/Sep
2021

Planning/Research

Finalized the project topic, and began brainstorming project features. The team gathered research and information to establish technologies for the project with all proposed features.

Oct/Nov
2021

Database Conceptual Design

Started working on the database conceptual design in a document that includes all the entities and relationships, ER diagram, and queries in relational algebra/calculus.

Dec
2021

Finish Conceptual Design

The wrap up to the conceptual design with programming logic: triggers, views, and stored procedures.

Jan
2022

Database Implementation

After winter break, the team reviewed what had been done for the programming logic and started database implementation.

Feb
2022

UI Planning/Front-End development

GitHub repo originally created in January with a starting idea for the UI design, which will be reconfigured in March for further development.

March
2022

Front-End/Back-End development

Most pages have been created, but the team would continue working on them to fix any bugs, and the team started setting up back-end and front-end communication.

April/May
2022

Front-End/Back-End development

The team continued to work on the project, implementing the project features and fixing any bugs along the way.

- Fall 2021 - Spring 2022

Features

- ❑ All users have access to the search feature and the ability to browse ratings and reviews.
 - ❑ They can search for a landlord or tenant by name, or by zipcode as an alternative way to get results for a landlord.
- ❑ Only registered users have the ability to give ratings and reviews (comments).
 - ❑ Anyone can register as a tenant or landlord.
 - ❑ Both tenants and landlords will be able to update their profiles and also delete their accounts.
 - ❑ Each user type will have additional individual features.

Challenges

- ❑ During front-end development, there were a few bugs that affected the way the pages appeared and functioned.
 - ❑ The smallest bugs were the most difficult to resolve, simply because they were caused by little reasons, making it challenging to pinpoint the cause.
- ❑ The most difficult task was keeping track of time and completing all of the features that had been planned. Also, noting that some features could have been handled differently to make room for other useful features.

GitHub

