

Milestone 6: Final Report

Team name: Storm

Team members : Sijia He, Jiacaan Huang, Sijia Zhu

Project name: CautiousTenant

Value Proposition

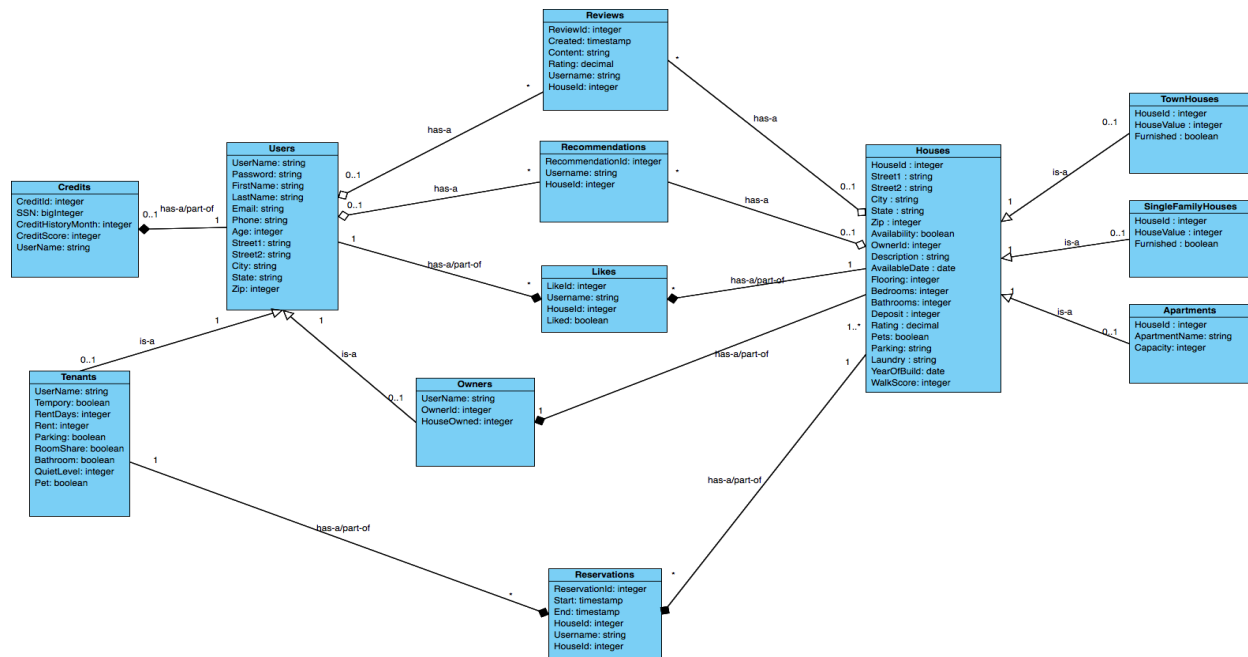
Overall, we implement our initial idea and fulfill our design purpose. We create a web application which can provide basic information for houses and users, especially credits of users, as well as reviews for houses. This can benefit home buyers and tenants who are unhappy with information asymmetry in credit market.

Initial plan VS Final Deliverable

Our initial plan is to build a house review application that provides basic information, crowd-sourced reviews, price comparing service about house properties on market for home buyers and tenants who are unhappy with information asymmetry in the credit market.

Our final product can provide basic information for houses and users as well as crowd-sourced reviews. It also has Reserve, Recommend and Like options and can list cheapest houses in a certain city. “Finding cheapest houses” is not exactly price comparing service. We cannot limit one or more attributes and compare the prices of houses. We can only limit a city and find the 50 cheapest houses in that city.

UML



Team Work

Each team member tries to participate in every step of this project and implement the initial idea carefully.

Should Improve

First, we should do more use case analysis.

Then, we should try to find more data for house properties. The data we are using now are “fake” - we created them. We should find some data for rent and house value from, e.g. Zillow Research and insert them into our database.

It would be much better if we connect recommendations and likes with credit scores of owners. In this way, our website can have a trustworthy credit system of owners, which helps users identify reliable owners and properties.

Future plan

The next plan is building a recommendation system which is based on user preferences. It can, for example, match the tenant and house requirements with ideal houses, and then send recommended houses to the tenant. Improving the reservation system is another big step for us to consider. We can improve this system by building several slots of time and users can easily fill in the start time and end time without too much communications with owners. We can also improve the price compare system by providing more options. Users may select filters and find cheapest houses with those limits.