

DYWABOH

DO YOU WANT A BUNCH OF HOUSES?

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Description

Our project is a web app that will allow a realtor to create, update and administer home listings.

The app will provide search and filter capabilities so that a realtor can easily generate a potential properties list. The idea is influenced by our past experience getting suggested properties via email and a desire for a more organized way to handle them as both a realtor or a client.



Features

- Login
- CRUD functionality
- Search and Filter
- Listing Collections
- Google Maps API integration



Planning - User Stories

As a user, I can see a list of all properties in the database.



As a realtor I can add a property because I've been keeping track in an excel sheet and I keep getting confused.



DP



As a realtor, I can see the complete details of a single listing so that I can double check everything meets my client's criteria.



SB

As a realtor, I can reference the location of each property using the Google Maps function.

DD

As a realtor, I can add a property to my portfolio.



As a realtor, I can search for only properties that have a garage, because my client is tired of cleaning snow off of their car.

SB



Planning - Database

Tables: Realtors, Properties, PriceHistory, Images, Collections

Realtors can have many Properties. Properties can have many Images and PriceHistories. Collections contain many Collections with many Properties, (we will be normalizing them down to two tables, eventually.)



Technology Stack

- Typescript/ Java
- Angular/ Spring Boot/ Hibernate/JPA
- MySQL



Demo



What I Learned

- I gained a better familiarity with MySQL; the way it handles relationships between tables.
- Routing with Angular and http, to handle data as well as navigation in a SPA.
- How to dynamically update data with Observables in Angular.



What's Next

- Completing the Collections feature
- Client Accounts with a different view from Realtors.
- Refactoring the way that the listings and collection features update after data has changed.

