



R&C Realty Group

REAL ESTATE INVESTMENT TRACKER



WELCOME TO OUR REAL ESTATE APPLICATION

OVERVIEW

- This application was created as an on-the-go solution to track all the financial data related to all properties in a portfolio and track expenses as they occur during a remodel.
- In future releases investors will be able to track expenses against their net returns and keep track of net profits.



***"Home is part of
your family."***



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NOW FOR A DEMO

TECHNICAL ARCHITECTURE



PRESENTATION LAYER

- HTML
- CSS
- BOOTSTRAP
- JS
- THYMELEAF

BUSINESS LAYER

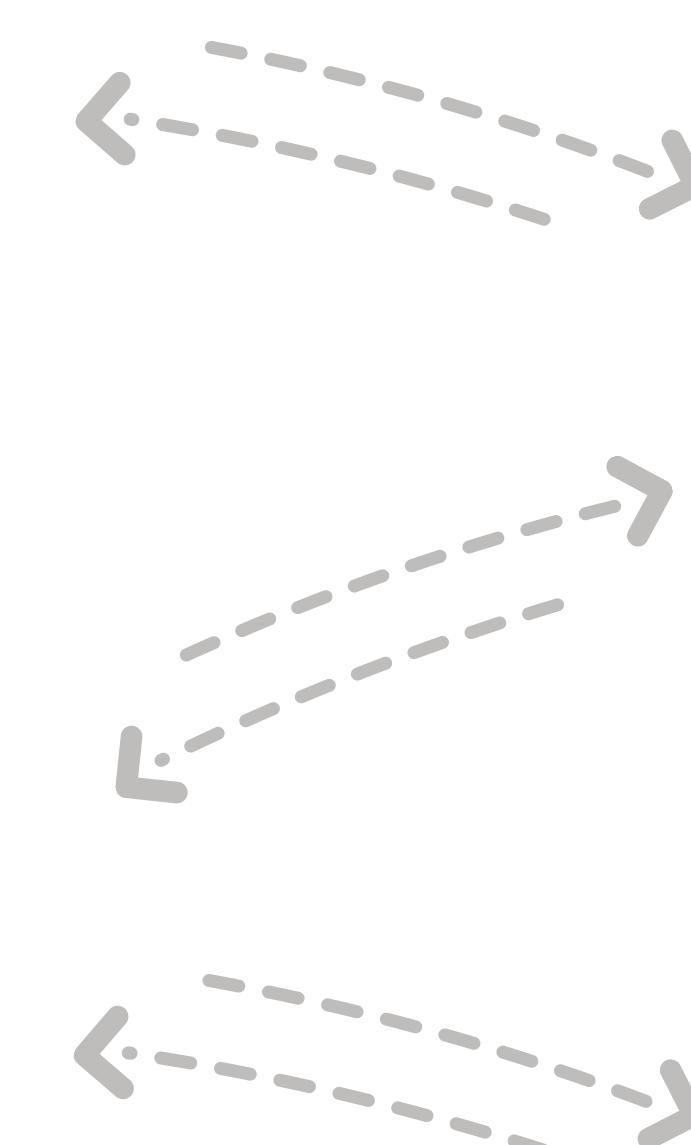
- JAVA
- SPRING BOOT
- BCRYPT

PERSISTENCE LAYER

- HIBERNATE
- SPRING DATA JPA

DATABASE

- MYSQL





TECHNICAL CHALLENGES

Thymleaf

Thymleaf provided some functionality challenges related to certain interactions with controllers. Annotations have to be precise to work.

Bidirectional Relationships

Bidirectional Relationships proved complicated in the models. The data especially with in the Renovation Expense Class was not persisting in the database. The solution was to change the relationship to unidirectional towards property and this worked.





LESSONS LEARNED

01

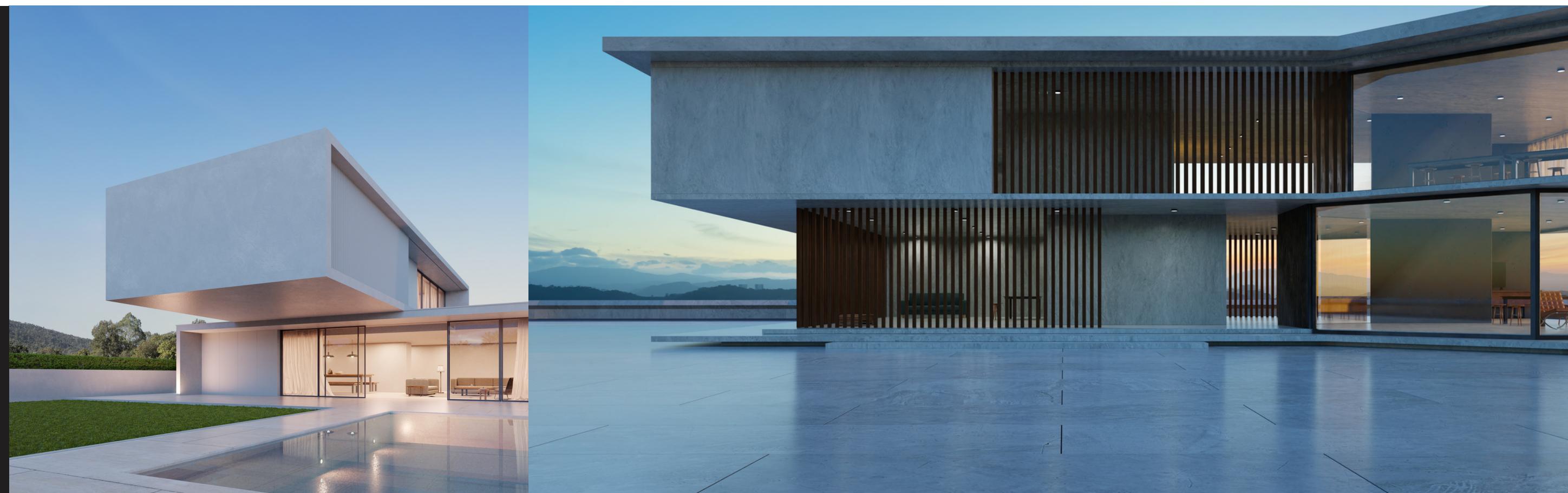
Getting To MVP was the biggest lesson learned. I had very big goals in the beginning and once I trimmed that down to something manageable I was able to make real progress.

02

I learned that its better to get things to work quickly and then go back afterwards to tweak and style. I wasted a lot of time initially trying to make things perfect the first go around.

03

Commit and push as often as you can. This saved me over and over again from having to rewrite a lot of code due to getting to far ahead and breaking my application.



Future Improvements

In its current state, the application tracks all properties and their related expenses. The plan is to include totals in the renovation expenses and financial details pages and to have the actual real-time ROI returned.





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THANK YOU
