



Blue Bird Realty

Your Go-To Home/Property Listing
Service.

MEET OUR GROUP



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Backend Dev



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Backend Dev



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Frontend Dev

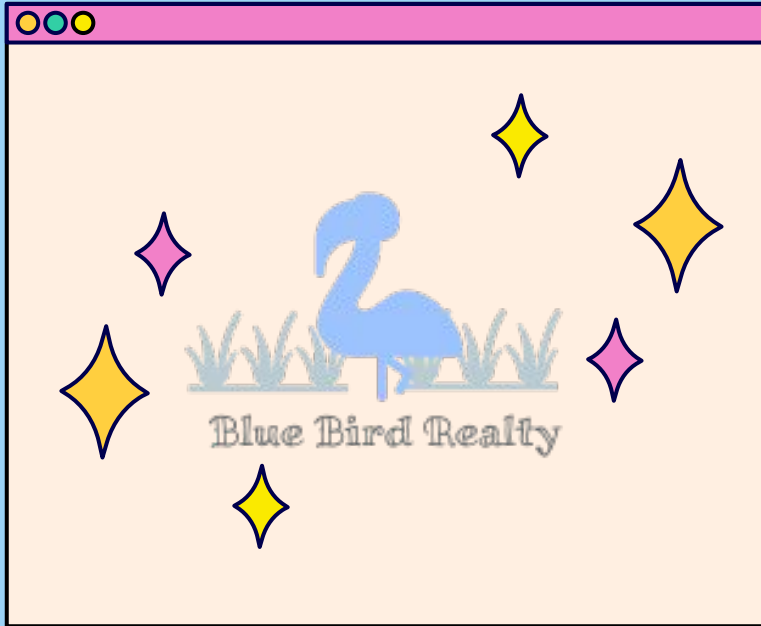


Christopher Immiti

Frontend Dev

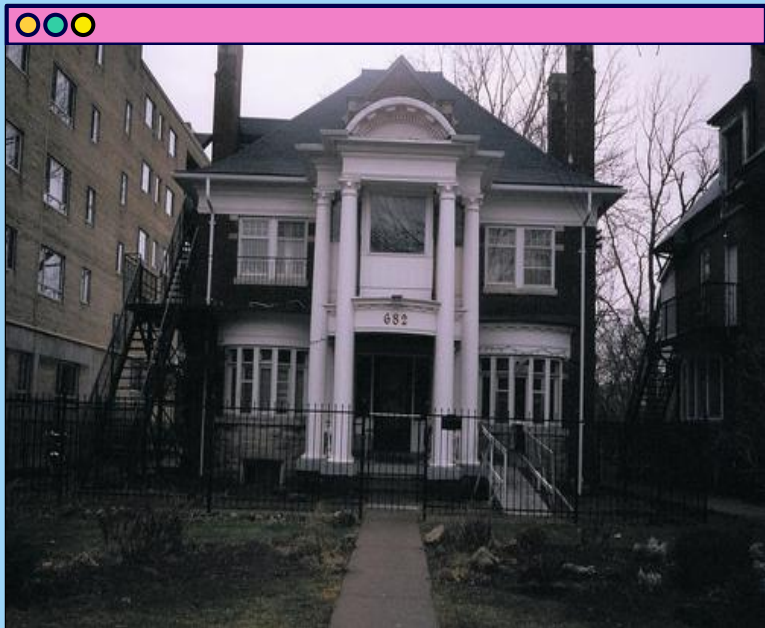


OUR COMPANY



Blue Bird Realty is a house listing service used to help prospective homeowners. Our service makes available homes and properties more accessible and easy to approach with our organized and easy to use interface.

ABOUT THE SERVICE



PROPERTIES WE SELL:

- ◆ Houses
- ◆ Apartments
- ◆ Townhouses





MVP / MoSCoW Process

MVP

The model: | Location.java | Agent.java | Login.java |

The view: | file.csv | agent.csv | db.csv |

The presenter: | SearchLocation.java | SearchAgent.java |

MoSCoW

Must have: A Login, along with a House and Agent Search

Should have: Listing New Agents and Properties

Could have: Mortgage Rates, Mortgage Calculator

Will not have: Help Section, Contact Info, Search History



OUR FEATURES

LOCATION FINDER

Our program allows you to search up a property that is for sale/rent.

AGENT FINDER

Our program allows you to find the perfect match.

SIGN UP/SIGN IN

Our program allows you to sign up/in.

LISTINGS

Our program allows you to add on new properties or agents.

USE CASES

Login/Signup

- User is prompted for username and password
- System accepts user input
- If Successfully logged in / registered, redirects user to the choice panel

Search Agents

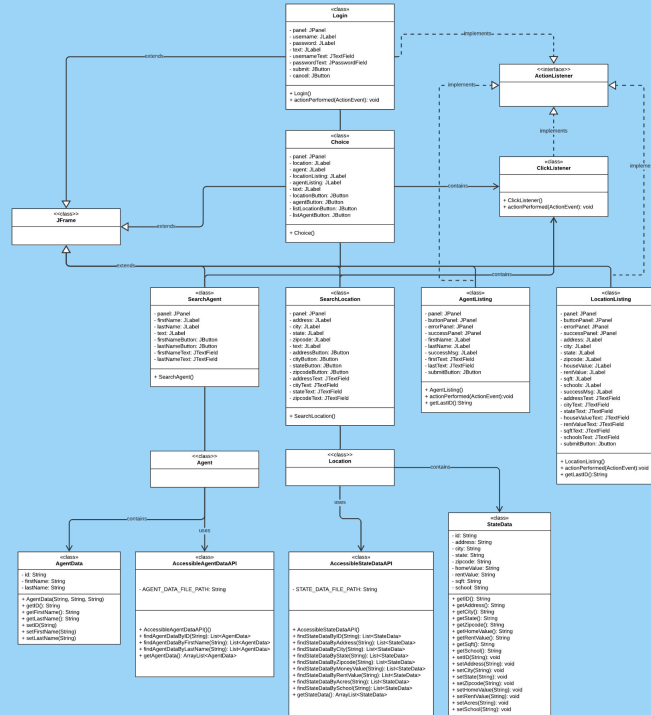
- User is prompted for either first name or last name of the agent
- System accepts user input
- Present list of agents that match user provided search criteria. List should include the first and last names of the agents; or returns "Not Found"

Search Locations

- User is prompted for either address, city, state, or zipcode
- System accepts user input
- Present list of properties that match user provided search criteria. List should include the full address, home value, rent value, square footage, and nearby schools; or returns "Not Found"

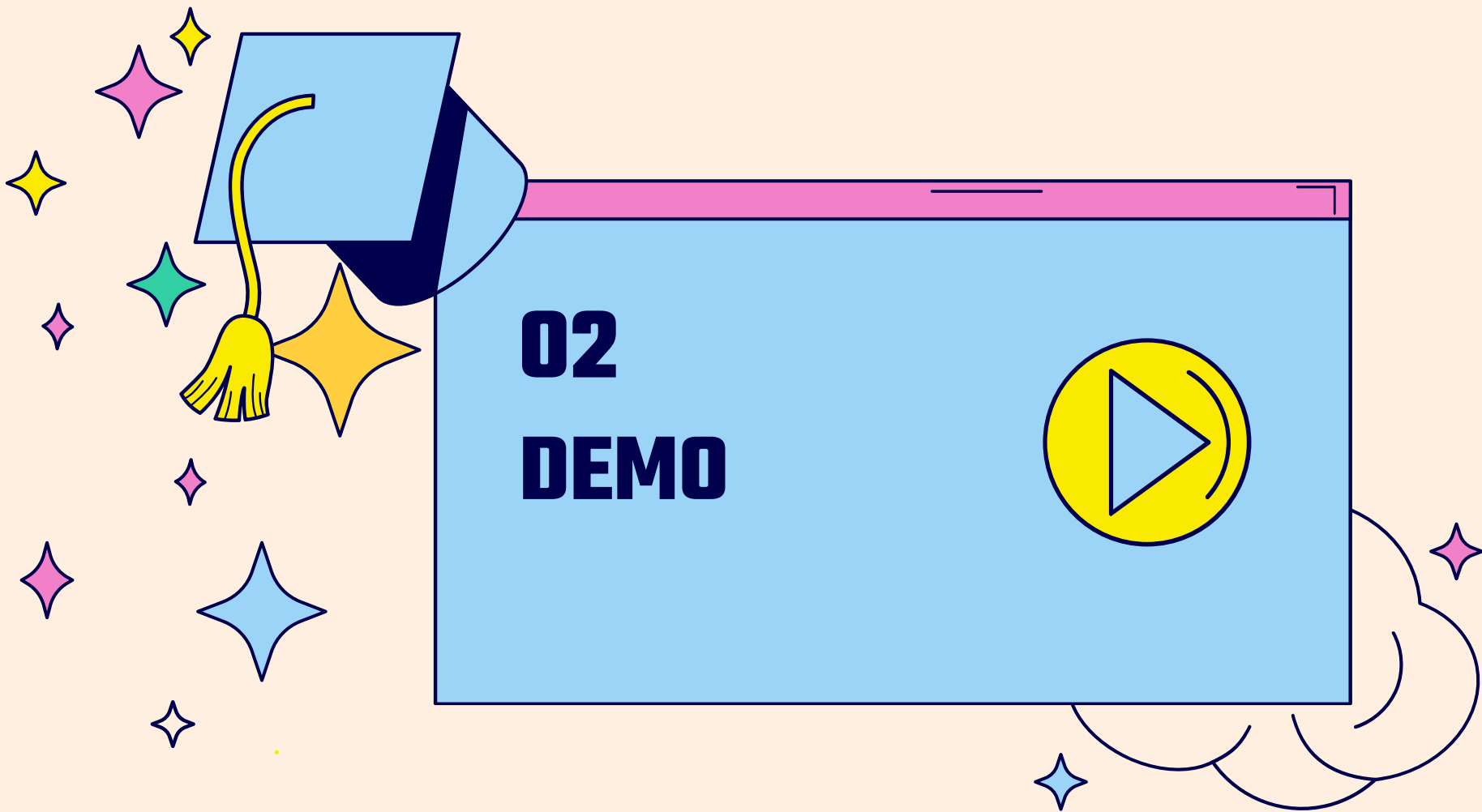
List a Property/Add an Agent

- User is prompted for address, city, state, zip code, house value, rent value, square footage, and schools nearby; first name and last name
- System accepts user input
- The listing is appended to the list of all the properties and is available for search by location/name; or returns error message



UML CLASS DIAGRAM

[Link to photo](#)





PROBLEMS WE RAN INTO



Search Functions

We had trouble with having the user search by multiple methods, so to resolve this issue, we decided to single it down to one method at a time.

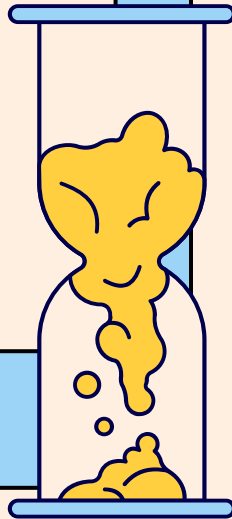


Registration



Address Database

We had initially used a CSV file from Github that contained every single zip code, city, and state in the United States. However, it wasn't as exact and descriptive as we imagined it to be. To solve this, we designed our CSV file that contains the House ID, Street Address, City, State, Zipcode, Home Value, Rent Value, Sqft and School Zone.





THANKS!

ANY QUESTIONS?

