**Objective**

It is a tool that improves the RMLS experience in ways that make it easier for everyone to use. Initially created as an app for realtors possibly flourishing into an extension for buyers/sellers as well.

Realtors of all ages will be able to:

- Find information on a listing with more ease with highlighted words

- Easily explore the neighborhood with Google Maps in an extension

- Save client info

etc..

So I'll be update the file on my end first (in a folder named 'The Better RMLS') then dragging it into the corresponding github branch when done updating.

**Approach**

I have a repository called The-Better-RMLS-git on github where I will be updating all the files associated with this project regularly.

Since I don't need a branch created for every person on this project because it's just me; I will be creating a branch for every part of the project;

- Project-Management: containing this doc and other docs that outline my process. This doc will be updated with all of the changes my process goes through during its execution.

- Phase 1: containing the code associated with phase 1- an extension that simply highlights certain words on particular websites.

-Phase 2: …

- etc…

**Specific Improvement Ideas**

- The information layout on a listing

- Filtering results

- Saving previous searches

- Makes all text on listings larger

- Includes a google map/image of where each listing that is being looked at is located

- For every batch of search results, a small window loads a pic and a few deets about each listing that is checked.

- IDEALLY creates an email for you that put in the small pic of the listings you've chosen

- '*Comparison Mode*' Keeps the info from a map search available so that you can compare houses easier. If the goal is to compare houses there is a comparison 'mode' that keeps the 'subject house' in a window for you to compare results to it.

- makes it so that you can save certain listings to certain profiles and easily pull them up again.

*Future landing page for popup* *for agents*:

- How many views on my listing today?

- '*Prospect Station*'Any new listings for my clients criteria? There's already a feature that sends an email to a prospect when a new listing comes up within their criteria. A dashboard that shows how many of these have occurred in that day would be cool. Currently, the only way you'd find it is if you ask it to email you as well as the buyer when that listing comes up.

- View a collection of listings, whether saved or on demand. Sort of like the '*Comparison Mode*' above

- Local businesses within a certain distance from an house from google maps api or walkability score API

- pictures from previous listings (not so important)

**Phases**

**Phase 1: Highlighting Text**

Event: visiting Redfin, RMLS, Zillow, Realtor.com, Trulia

Text to be highlighted:

- Address -listing price – property taxes

-Sqft - squarefeet -total SQFT -school -neighborhood -beds -baths -year built

-school -neighborhood -DOM -Days on market -Parking -sewer -heat -cool

-Next Open house -Listing agent name -listing agent phone -listing agent email

**Tasks**:

1. Create manifest.json with content script info and other relevant information

2. trigger the highlight function when those urls (with wildcards) are visited.

**Phase 2: Landing popup**

Event: Clicking the icon (whether on a listing site or not)

A search box requesting an address (or listing #). Clicking search pulls info from the easiest source (probably Redfin).

Tasks:

- Create a CSS container with a width and height border (if necessary)

- Text: 'address'

- Text box

- 'User input' searches on Redfin (or whatever site) and opens results in content with highlighted results (which will be there anyway becase one of the urls was visited)

**Phase 3: Display highlights on Popup**

Event: Clicking on the icon while on the listing

Text to be highlighted:

[square 1]

- Address -listing price – property taxes

-Sqft - squarefeet -total SQFT -school -neighborhood -beds -baths -year built

[square 2]

-school -neighborhood -DOM -Days on market -Parking -sewer -heat -cool

[square 3}

Next Open house?

Tasks:

**Clicking when on listing**:

- I*n the* ***content*** *script* collect all the information between the space before the highlighted and two or three spaces after it (depending on the information that's being displayed) into a variable. Each square has its own variable. If the formatting for this doesn't look right, then create a variable for each individual piece of information.

- *In the* ***background*** *script*mention that when URLS are visited, i = 0 (or whatever arbitrary reference makes sense)

- In *the* ***popup*** *script* when i=0 (when the URLS are being visited), display the variables associated with the highlighted info. \*You may have to specify to only display the highlighted when there is one of each variable (if more than one of purchase price variable i=1), this way, when a bunch of different

- *In the* ***popup*** *script* display the variables that were collected in the content script

**When 'search button' on popup has been clicked**:

- Event: address searched on popup

- Tasks:

display highlighted info when i=0 is TRUE

**Phase 3: Listing Pics On Popup**

Event: opening a listing with the

**Phase 4: Add Google Maps**

Event: Opening a listing in the popup