Block 2 Challenge Proposals

Purpose—
The purpose of my app will be to make real estate data and historical trends and forecasts easy to navigate. Zillow.com, a real estate website, has a lot of data but can't not be read or managed without an application.

Audience—Potential home buyers, investors, real estate agents, title companies, lenders, and more.

Data sources—

External API—The public API from Zillow.com

localStorage—a localStorage javascript file will be made to keep recent searches and user interests stored for later reading.

User Input—users will be requested to set the parameters of the database searches.

Initial Module list

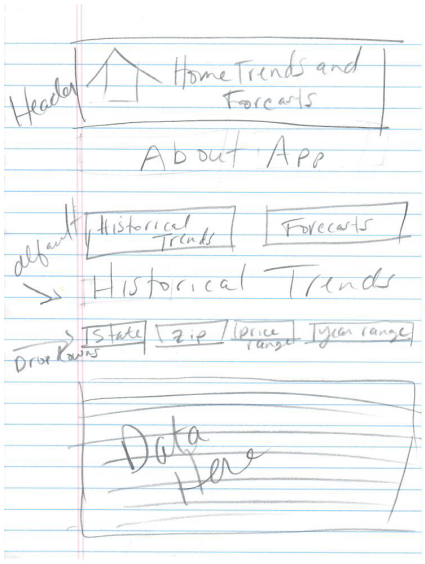
ls.js file---the localStorage will be used for saving past searches.
Read and write functions

Intermediary.js file. I am not sure what I am calling the app yet. However, this will have the bulk of the code

--class constructor
methods including getting the actual data from the API by keys.
showing data and sending it the main
sorting data from the API methods
--rendering functions
getting input and parameters from the input fields (event listeners)
building HTML of lists and results

the main.js file will initialize the constructor and push everything to the HTML document

Wireframes for each view of your application



Colors/Typography/specific Element styling

The style will be minimalistic so that the data/results are the main feature.
Colors:
Along with lots of black and white, the accent colors will be blues and yellows as below.

Typography:
--Lato-- as main text
--Professional but easy to read serif will be used for headers

Schedule to provide yourself mile markers along the way to help you stay on target.
Weeks ending

November 20, 2021—1) setup all the files including the index, js files, and css file. 2) Familiarize myself and connect the API to the js code files. 3) Start the basics with CSS. 4) Build a logo and tag line. 5)Build the constructor and class

November 27, 2021--Focus on User Interface 1) Refine which parameters are needed. 2) Build event listeners to collect the data from the user. 3) Build methods to gather data by the parameters 4) Build the read/write functions for the local storage.

December 4, 2021—Build the rendering functions to show all the data from the data and forecast. And the show methods to push the code to the document.

December 11, 2021—if all is well and I'm not behind, research tools and other Potential APIs that might help me graph the data for the website.

December 14, 2021—test and correct any minor technical problems, ascetics, or grammatical problems on the app. At this point the should be minor.