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CIS136 Final Project – Documentation

Due: December 16, 2022

Final Project: Real Estate

I chose to create a Real Estate website because it has potential to be interactive with elements of design, javascript, json, jquery and server calls. You can find my website on GitHub at <https://shannonlake.github.io/index.html>.

**HTML & CSS:**

The main page is built in html and css, with a custom css page called styles.css. I used custom css and a mix of Bootstrap to style the photos, text, buttons and breakpoints.

**Javascript:**

Javascript is used to iterate through the Json data to get each value and display it in the house card as well as the modal. Javascript is used on the contact page for a popup after the info is entered.

**Responsive Design:**

I used responsive design with Bootstrap (lg, md, sm, xs) and custom css at 842px, 576px.

**Images:**

Images were sourced from <https://unsplash.com/> - a free proprietary stock site.

**Accessibility:**

[Colors pass](https://color.adobe.com/create/color-contrast-analyzer):   
**5.78 : 1 6.52:1**  
dark blue: #235278 dark blue: #235278

mint: #6DEDD6 gray: #E3E3E3

Skip link on the index page goes to “See Houses” button on index page. Skip link on contact page goes to the first field in the form. Skip link on the mortgage calculator goes to the first field in the form.

Buttons have been named with appropriate term instead of click here.

**Dom Modification:**

Dom modification is used in javascript functions, getDocumentByID has been used a few times, as well as modifying class lists using Javascript.

**JSON Data:**

All of the house info is stored in Json.

**SECTION 2:**

**A client framework:**

I chose Bootstrap to make the page columns and rows, buttons, and forms.

**Animation/Visual Effects:**

Each house card has a dropshadow hover effect. The hero at the top of the index page has an animated carousel using frames. There is a fade on the modal using Bootstrap.

**JQuery**

In the middle of the index page, there is a section that has contact info. This uses JQuery to show show(), hide(), slideUp(), slideDown();

**Calls to a server:**

I used Fetch to call the JSON data in the file realestate.js.

**Forms/buttons:**

The contact page uses a form and buttons. There is also a form and buttons in the modal once a couse is clicked.