



Squillo

Dynamic App providing home values & prices across the U.S.

Team Members

- Bryan Castleman: HTML, CSS, Materialize
- Mai Hoang: JavaScript, jQuery, AJAX API
- Marissa Wyss: Firebase (JavaScript)

Concept

- Squillo is a dynamic app that allows users to enter their username and search for home values by zip code/current location including:
 - Home Value
 - Median Price
 - Rental Price
 - Foreclosures
 - Tax Rates
- The app provides information by calling on respective APIs based on data input.
- Save favorite locations and view data in one place

APIs used

API (Application program interface) used to generate data

- Google Maps API
- Quandl for Zillow Home Value Index data
- Avalara for tax rates

Motivation for Development

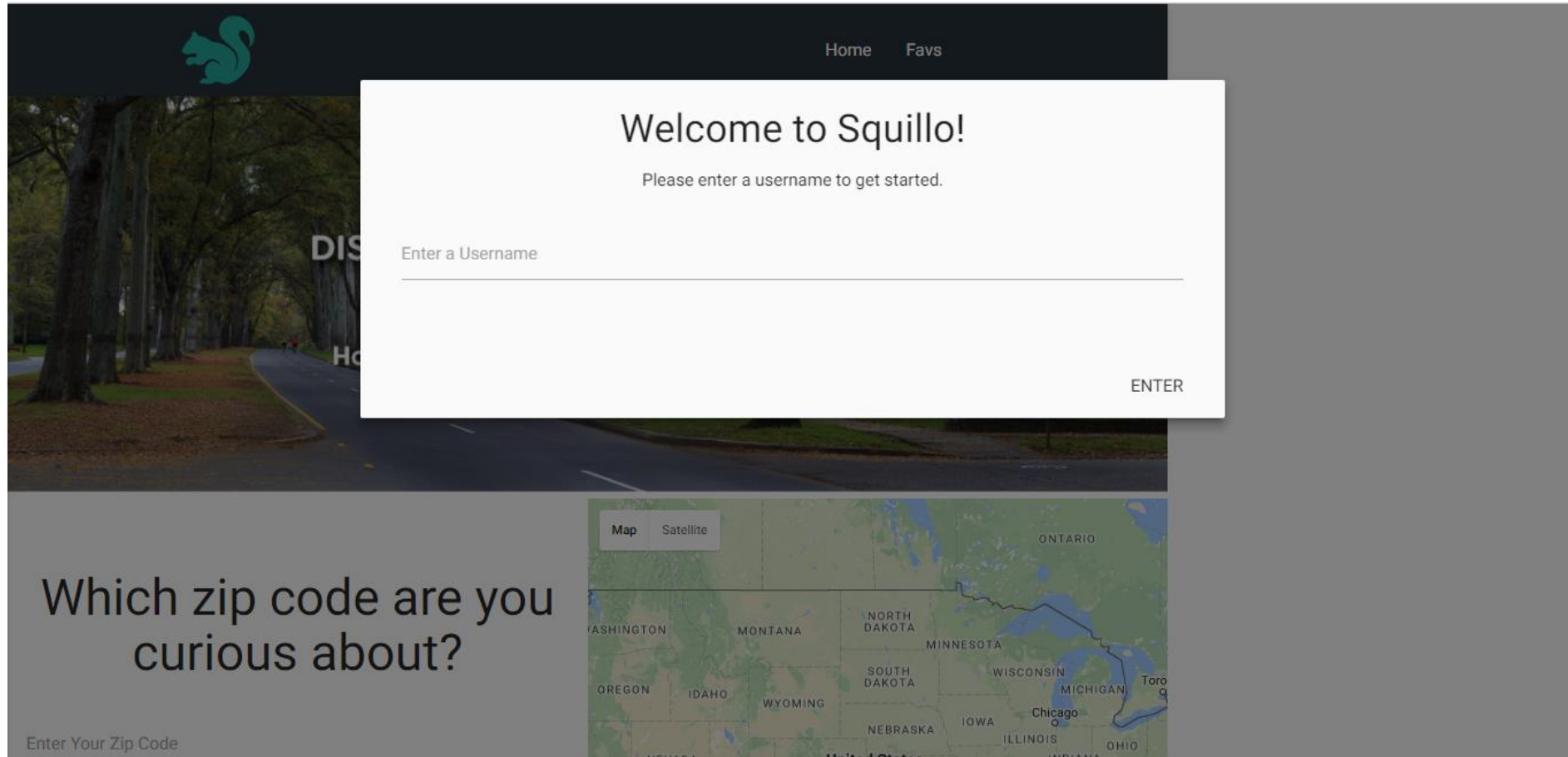
This app provides a solution to individuals looking for a snapshot of home value information in one place.

People are relocating, or life events require you to move to another location. With this app, you can research a respective neighborhood for home prices, real estate & tax rates, and while you're at it you can also link to resources for home owners.

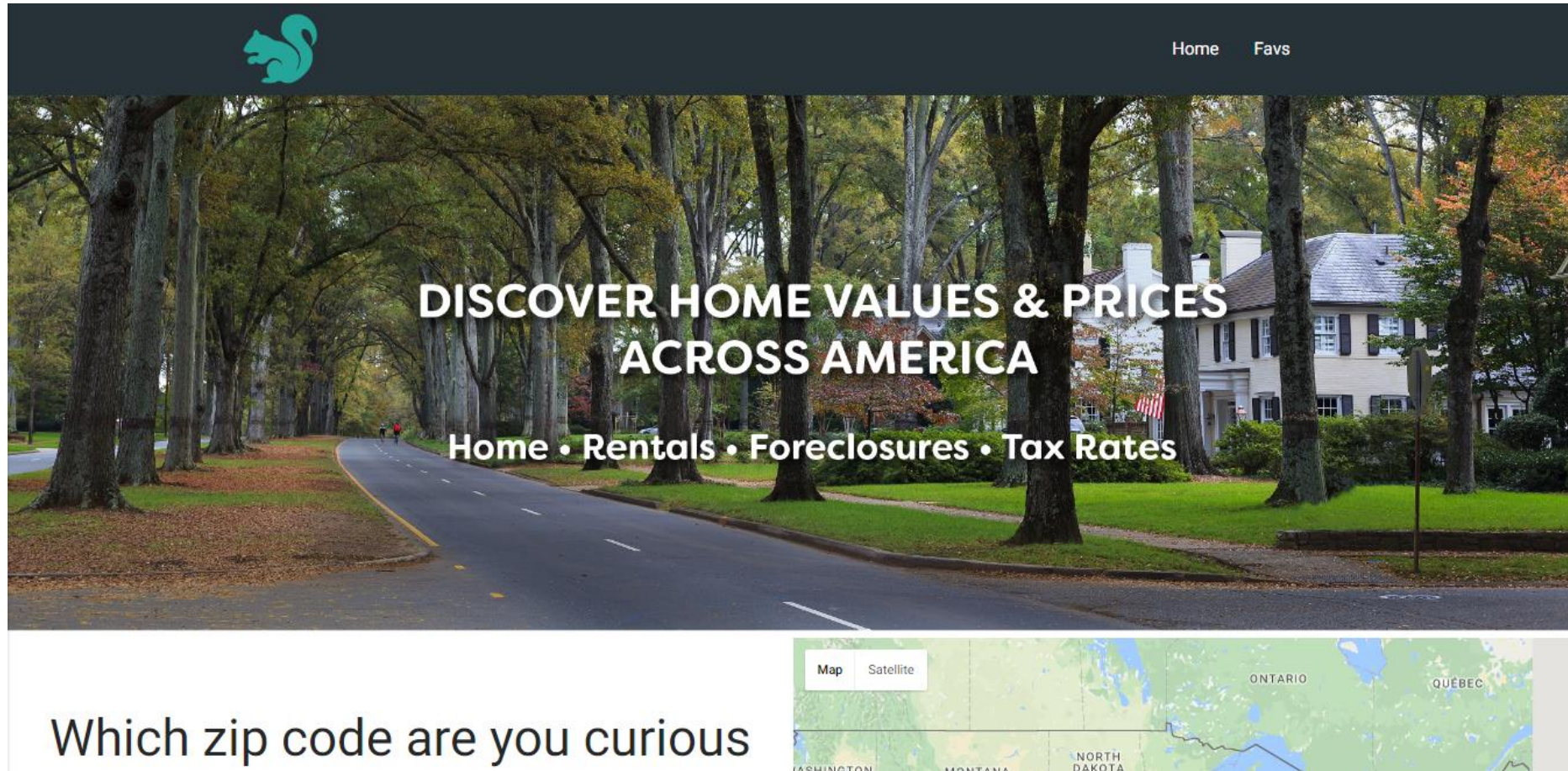
Design Process

- Simple interface with mobile responsiveness.
- Implementing Materialize for CSS design elements.
- Modal for opening screen user entry
- Simple layout for data and favorites
- Google Maps dynamically generated
- Footer including useful links for home buying, construction, repair, remodeling.

Modal to capture username



Home Page



Google Maps Geo Location API



Which zip code are you curious about?

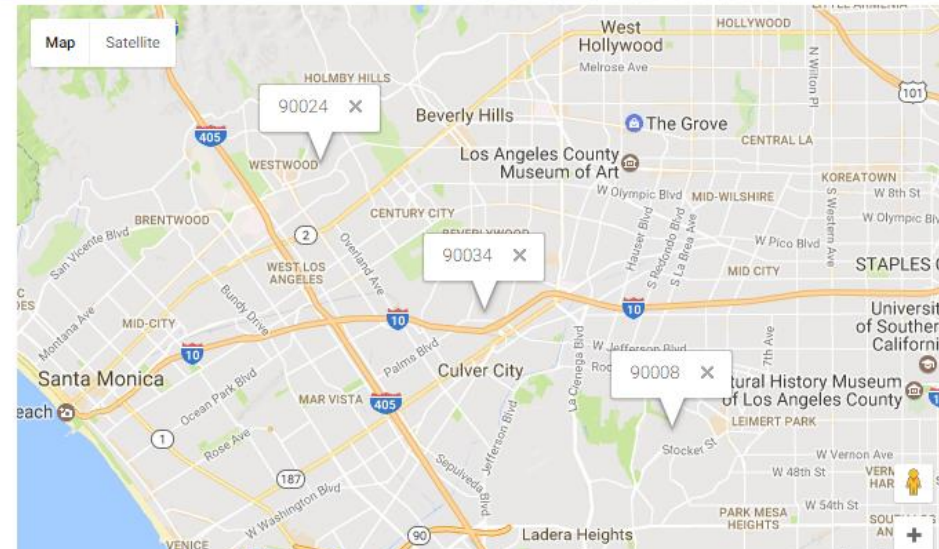
Enter Your Zip Code

90034

right

SEARCH


USE CURRENT LOCATION



Search Results Display



FAVS Page Displays Favorites in One Place

Howdy, batman! [Home](#) [Favs](#)

Results for 90024

Single Family Homes: \$2568900
Median Rental Price: \$4250
Median List Price: \$1120000
Median Sale Price: \$874000
One Bedroom Homes: \$555600
Two Bedroom Homes: \$882200
State Sales Tax: 9%

Results for 90020

Single Family Homes: \$3486900
Median Rental Price: \$1750
Median List Price: \$439900
Median Sale Price: \$470625
One Bedroom Homes: \$297100
Two Bedroom Homes: \$433300
State Sales Tax: 9%

[Fannie Mae](#)
[Freddie Mac](#)
[HUD Homes](#)
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[Types of Home Construction](#)
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Technologies Used

- HTML: to display page
- Materialize & CSS: for styling and mobile responsiveness
- JavaScript, jQuery: to make the page dynamic
- AJAX, API: to retrieve respective api database info
- Firebase, Local Storage: for data persistence and user recognition
- GitHub for version control

Front End

- Materialize – new library
- Modal on user entry
- Dynamic
- Formatting

Back End

- JavaScript logic - to capture user and click events for search and save
- API's - to access data
- AJAX calls - to external sources
- Local Storage - to capture username
- Firebase – user data persistence (username & favorites)