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

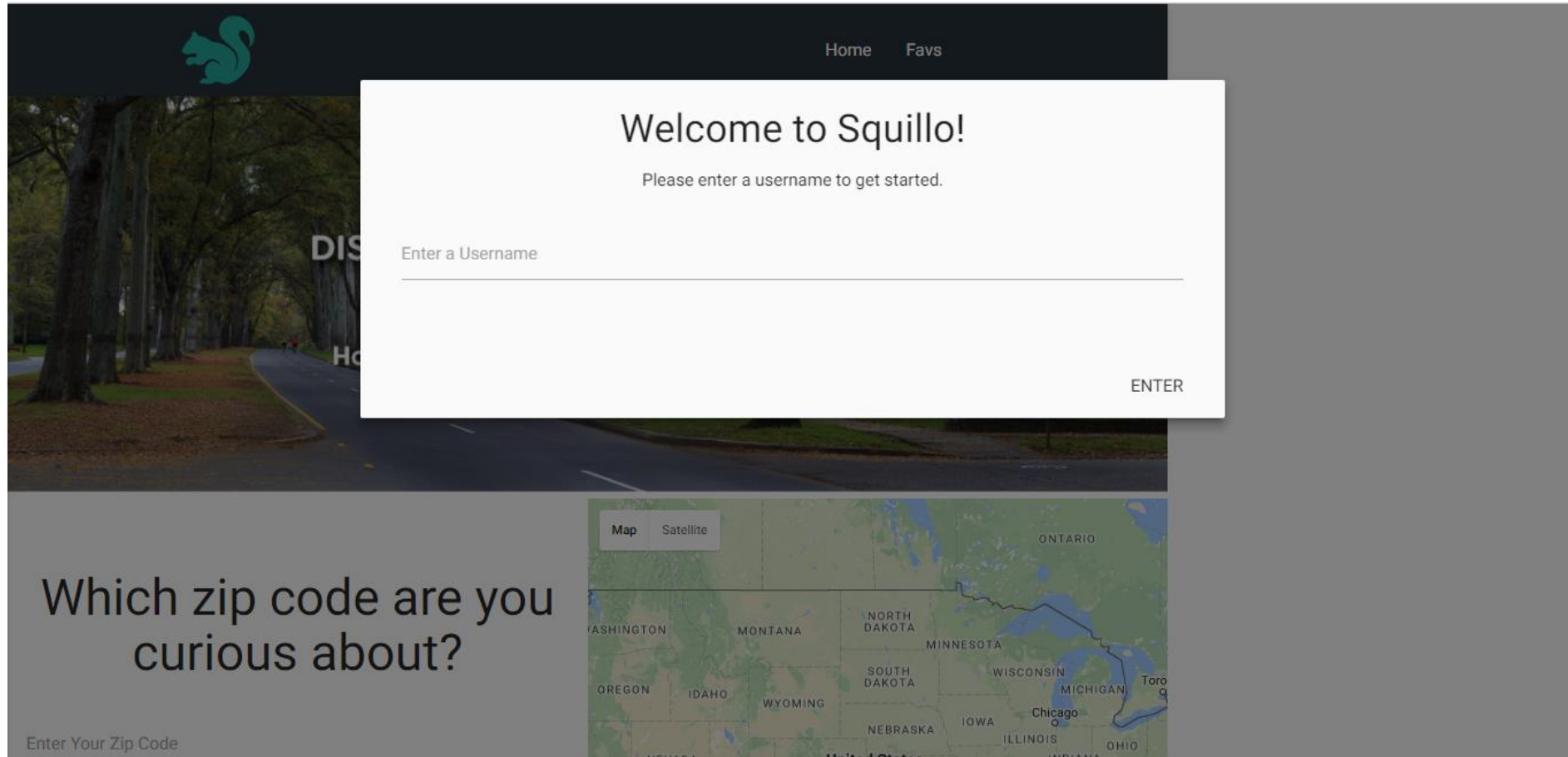- Avalara for tax rates

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.
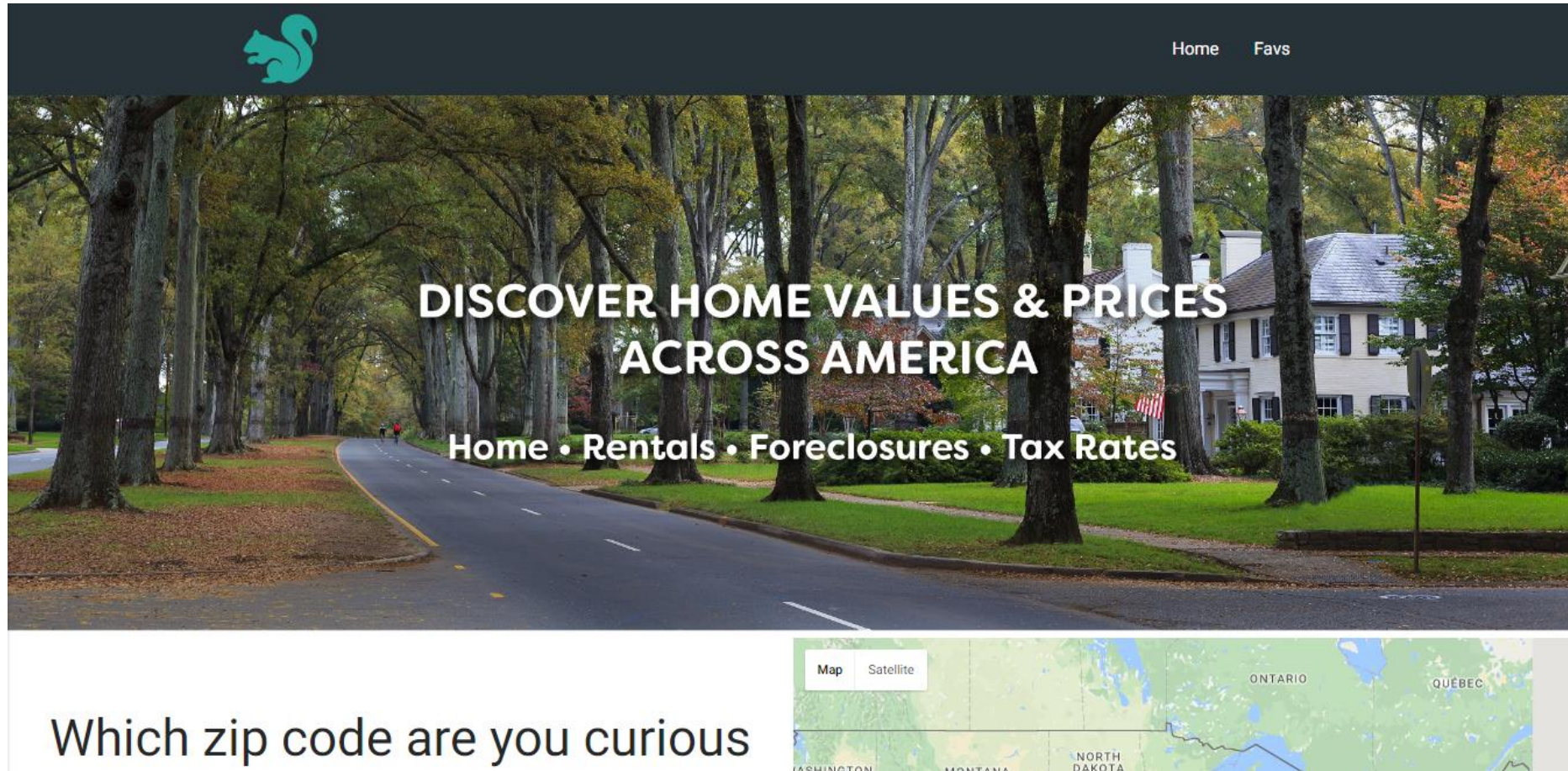
Design Process

- 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

Search Results Display

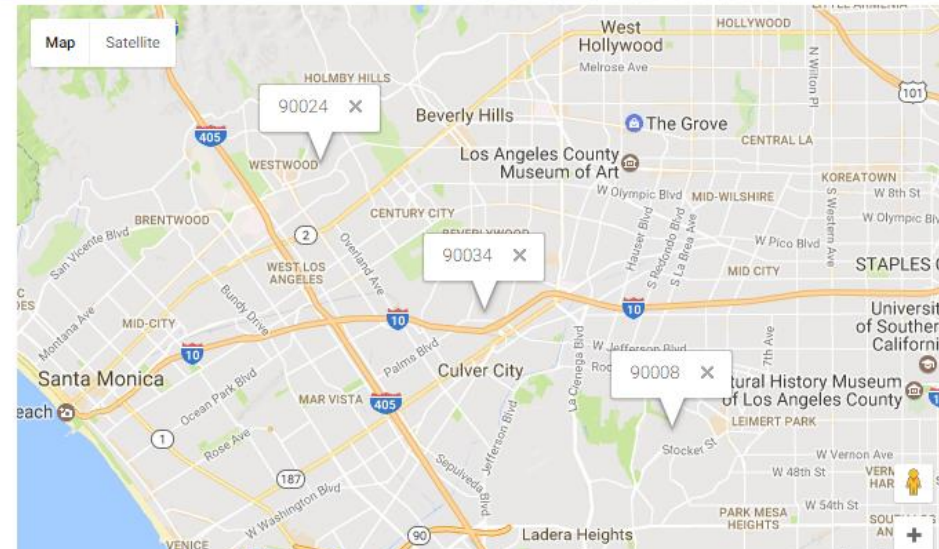# FAVS Page Displays Favorites in One Place

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)