PROJECT REQUIREMENTS

1. Write code required to add **a full-screen map** to your page using the Google Maps API.

2. Write code required to **add map markers** identifying a number of locations you are interested in within this neighborhood. A geospatial/map representation of identified locations is provided. **Markers are clickable, and change style**.

3. Implement the **SEARCH BAR** functionality to search and filter your map markers. There should be a filtering function on markers that already show up. Simply providing a search function through a third-party API is not enough. It filters both the locations in the list view and the markers on the map.

**LIST VIEW**: Show locations that have been searched for, additionally clicking on a location activities its associated map marker.

**MAP:** Shows each searched location as a marker, each marker can be clicked and shows unique information about a location in an infowindow. Markers should animate when clicked (bouncing, color change)

Code is properly separated based upon **Knockout**'s best practices following an MVVM pattern.

Student **hard codes at least 5 locations** in their model.

*Searching and Filtering*

*We expect your application to provide a search/filter option on the existing map markers that are already displayed. If a list of locations already shows up on a map, we expect your application to offer a search function that filters this existing list. The list view and the markers should update accordingly in real-time.*

*What does "errors are handled gracefully" mean?*

*In case of error (e.g. in a situation where a third party api does not return the expected result) we expect your webpage to do one of the following:*

*A message shows up to notify the user that the data can't be loaded, ORThere are no negative repercussions to the UI.*

5. Add additional functionality using third-party APIs when a map marker, search result, or list view entry is clicked (ex. Yelp reviews, Wikipedia, Flickr images, etc). If you need a refresher on making AJAX requests to third-party servers, check out our Intro to AJAX course.

Application utilizes Google's Map API and one additional data API.

Resources

Foursquare API https://developer.foursquare.com/start Search for Places in an Area

MediaWikiAPI for Wikipedia https://www.mediawiki.org/wiki/API:Main\_page

Google Maps Street View Service https://developers.google.com/maps/documentation/javascript/streetview

Google Maps https://developers.google.com/maps/documentation/

http://suburbified.com/

lemonde.fr les flux rss avec qtnetwork,http://www.developpez.net/forums/d1517212/webmasters-developpement-web/general-conception-web/api-api-news/