Neighborhood Explorer - Scope Document

Project Name: Neighborhood Explorer Website

Team members: Trace Tessier

### Short description

A 'Neighborhood Explorer' site in which a user inputs a U.S. address, and is returned weather, points of interest, and (possibly) demographic information.

### Scope of the project

The site will consist of four main pages: Home, About, Contact, and Links, as well as a “Search Results” page and an API that accepts ‘GET’ requests to access to data on how many times a City/State combination has been searched.

The data model used will contain the following fields: ‘City’, ‘State’, and ‘Count’, and will keep track of how many times a given City, State has appeared in a location search.

### Deliverable

A publicly accessible website: The Home page will consist of a search bar that accepts all or part of a U.S. address, as well as a list of the Top Five Searches that have so far been performed (connecting to the API mentioned above in order to retrieve this information). Search results, including a three-day weather forecast and a points of interest map, will be displayed for the input location at the search/ endpoint. (If time allows, I will also look into including salient demographic information.) The About page will be a static description of the site and why it was built, ‘Contact’ will list my basic contact information (LinkedIn site, Github repository, etc.) and ‘Links’ will provide links to any related sites or resources that I use to build the site, e.g., a link to a source of public domain icons that I plan to use.

## Time Estimates

I want to present my project on: TBD

## Milestones

Milestone 1: November 12th, 2018

Deliverables:

* A skeletal structure that allows navigation between the Home, About, Contact, and Links pages
* A working prototype of the search functionality that returns weather information for the provided location, and stub content for the About, Contact, and Links pages.

Milestone 2: November 19th, 2018

Deliverables:

* A working prototype that includes the ‘Top Five Searches’ on the home page, and fleshed out content for the About, Contact, and Links pages.

Milestone 3: November 26th, 2018

Deliverables:

* A fully functional site that also incorporates points of interest information in the location search results.