Design Documentation

The user will be provided with a form to fill out. When submitted, the app will generate vice crawls depending on the choices made by the user.

The user will be able to enter:

A start point and an endpoint. Then from between those two points, the user can enter in any waypoints of interest.

Scenarios:

Start and end only.

Enter: Street address - Starting location

Enter: Street address - End location

Output: Directions from start to end

Start and end with one or more waypoints

Enter: Street address - Starting location

Enter: One or more locations along the way

Enter: Street address - End location

Output: Directions from start to end via all addresses

Locations by name (if we have time)

Enter: Names of locations to be parsed internally by API

Output: Directions from start to end via all addresses

When the user pushes submit, their addresses will be submitted through the google maps api and we will display directions to the user to go from one location to another. We will also display a map image with the course of their vice crawl plotted.

Possibilities: Enter all crawl locations at once, enter one location at a time (growing the crawl incrementally), option to do both - We should all try to replicate these three with the google maps api and see which one works best for our app - share your thoughts/results with the group

Option to create your own crawl or select pre-planned crawls at the beginning of the program

Possibility of creating custom crawls to save but would require database - to consider later after barebones are put together