Springfield Gardens Registry

A web based registry to promote Springfield’s vibrant collection of gardens.

Background

Springfield is a growing city of 600k people whose tourism industry, currently centered around the Smith Waterfront, is slowly growing. The city would like to diversify tourism attention by promoting its vibrant collection of privately maintained residential and commercial gardens in the city. This promotion would secondarily be targeted at city residents.

Garden Registry Web Application

The city has decided that this activity will centre around a public web application that helps people discover the city’s local gardens.

To this end, the city would like to develop a technical proof of concept leveraging Google Maps technology.

Actions Required

Develop a proof of concept. The proof of concept should:

1. Display a map of the city.
2. Show a pin on the map for every known garden.
3. Show the name and a description of the garden when you click on a pin.
4. Allow the user to filter the pins displayed in some way.
5. Feel free to add any other feature or spice you think may be useful or interesting.

Once complete, you are to present your proof of concept. In particular please show:

* An overview of the approach you took.
* A demo of the working features.
* A high-level tour of your code.

Notes

* Ottawa will stand in for Springfield for this work in terms of maps and data
* Use the data set found here (click download): [Community Gardens | Open Ottawa](https://open.ottawa.ca/datasets/ottawa::community-gardens/about)
* We’ve discovered that using the Google Maps SDK directly off your filesystem will cause you CORS issues. You’ll need to either run your work off of a remote server of some kind or run a server on your desktop. If you’re looking to do the latter, there are several options, but one simple one that we came across is Rebex Tiny Web Server ([Rebex Tiny Web Server (free) - Rebex.NET](https://www.rebex.net/tiny-web-server/)). You’ll also need to make sure to whitelist localhost in your Google Account.