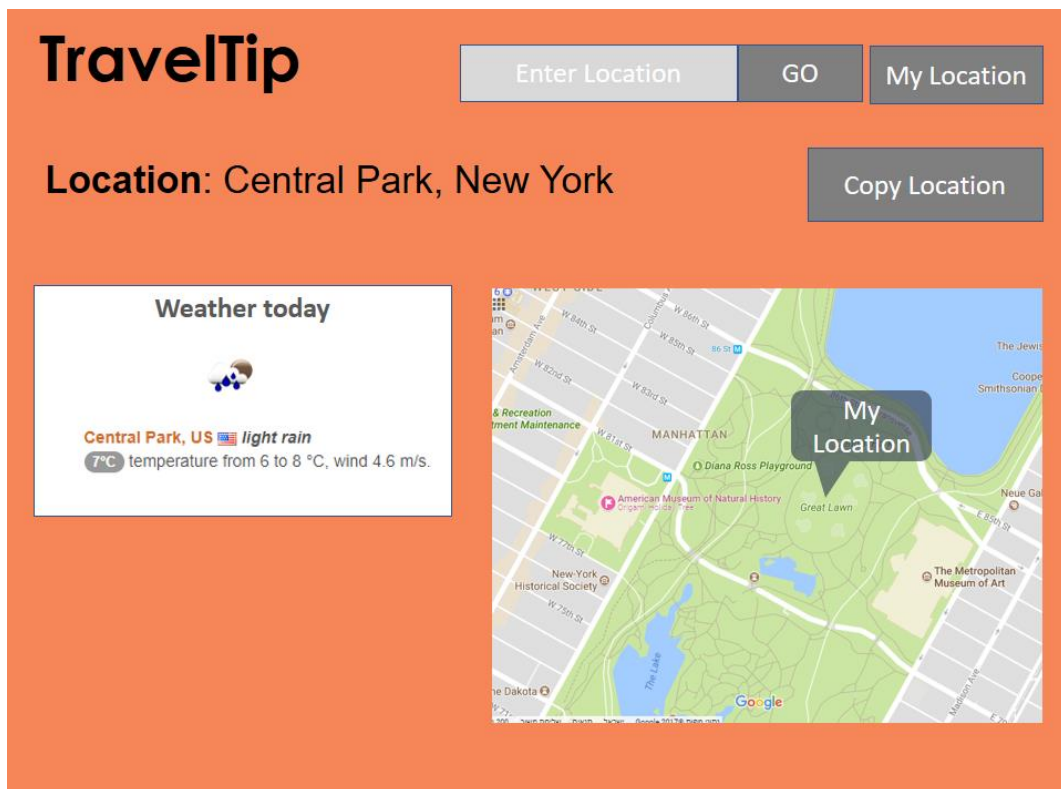


# TravelTip

## GeoLocation and Ajax Practice

TravelTip is an app that helps you get information about a specific location

UX Concept:



## Requirements

1. UI shall have the following fields:
  - Map with your location marked on it
  - My Location button
  - Descriptive name of the location (Ramat Gan, Israel)
  - Weather at the location
- Copy Location – copies (into the clipboard) a link to our app with the lat/lng as query string parameters so you can share your location with others

TIP: something like: [github.io/travelTip/index.html?lat=3.14&lng=1.63](https://github.io/travelTip/index.html?lat=3.14&lng=1.63)

a. When app loads it looks into the query string params and if there are lat/lng params (see [here](#)), it will display accordingly.

- Search input that uses geo-code API to get lat/lng from text

2. UI shall look nice and responsive

3. Location defined by either:

- Location inserted
- User location (using geolocation from device)

4. API used: open weather map, google maps, google geo code

5. Bonus: create your own designed marker on the map

## Maps API guidelines

1. Maps API (add your map):

<https://developers.google.com/maps/documentation/javascript/adding-a-google-map>

2. Address <> Lat/Long - google geocode api:

<https://developers.google.com/maps/documentation/geocoding/start>

## Weather API guidelines

<http://openweathermap.org/>

REGISTER, GET API KEY, and get started [here](#)

Sample url (API key is needed)

```
http://api.openweathermap.org/data/2.5/weather?lat=${lat}&lon=${lon}&APPID=${W_KEY}
```