Lab1 - Google Place

In [1]:
```
# importing required modules

import requests
from urllib.parse import urlencode
import json
```

In [14]:
```
#Set the lat and long for locationbias
lat,lng = 44.9698909, -93.22650589999999

#Set up searching inquery HTTP URL to search Walgreens near the lat,lng
base_endpoint_places = "https://maps.googleapis.com/maps/api/place/findplacef

params = {
    "key": api_key,
    "input": "Walgreens",
    "inputtype": "textquery",
    "fields": "place_id,formatted_address,name,geometry"
}

locationbias = f"point:{lat},{lng}"
params['locationbia'] = locationbias

#Encode the URL
params_encoded = urlencode(params)
places = f"{base_endpoint_places}?{params_encoded}"
```

In [15]:
```
#Apply GET request to the URL

r = requests.get(places)
r.json()
```

Out[15]:
```
{'candidates': [{'formatted_address': '630 Washington Ave SE, Minneapolis, MN
55414, United States',
   'geometry': {'location': {'lat': 44.9735257, 'lng': -93.2289163},
    'viewport': {'northeast': {'lat': 44.97490162989272,
      'lng': -93.22745152010728},
     'southwest': {'lat': 44.97220197010728, 'lng': -93.23015117989272}}},
   'name': 'Walgreens',
   'place_id': 'ChIJf3itcxgts1IRKMJaP66MI8I'}],
 'status': 'OK'}
```

In [ ]:
```

```