



General

In the following task you are required to develop SPA using any framework which will give user ability to view map, place points and edit them.

You are not required to implement the backend service.

You are allowed to use any framework or library you like.

Requirements

1. Show map using mapbox service <https://www.mapbox.com/>. Starting location doesn't matter.
Mapbox token is
"pk.eyJ1IjoibWtvemFrMDEwOCIsImEiOiJjamljjeGF4Y3MwNGZrM3BvNmMxd2hsY2wzIn0.ErvzY580HhOEokFZR1GOTg"
2. User can place the marker by clicking on the map, marker has a score 0 – 5
depending on the score the color of the marker will change:
0 – black, 1 – gray, 2 – red, 3 – orange, 4 – lime, 5 – green
3. User can change the score of existing marker.
4. User can change position of existing marker.
5. User can remove existing marker.
6. On the top right corner user can see a table with total markers amount and amount of markers for each score. Example:
Total: 100
Five: 50
Four: 30
Three: 10
Two: 10
One: 0
Zero: 0
7. User can export markers to .json file and download it.

Not required but good to have

1. Application is written using Polymer.
2. User can import .json file with markers.

Useful links

1. Mapbox examples <https://www.mapbox.com/mapbox-gl-js/example/simple-map/>
2. Polymer <https://www.polymer-project.org/3.0/start/>

Good luck