

Mapas

Crie o setup inicial do projeto no prompt de comando

- `cordova create AppHelloMapas com.gutoxavier.apphellomapas AppHelloMapas`
- `cd AppHelloMapas`
- `cordova platform add android`
- `cordova run android --device`

Adicione o plugin de Geolocalização

- `cordova plugin add cordova-plugin-geolocation`
- `cordova run android --device`

index.html

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <meta charset="utf-8" />
5     <meta name="viewport" content="user-scalable=no, initial-scale=1, maximum-scale=1, minimum-scale=1, width=device-width,
6       height=device-height, target-densitydpi=device-dpi" />
7     <title>Mapas</title>
8     <style>
9       #map {
10         height: 100%;
11       }
12       /* Optional: Makes the sample page fill the window. */
13       html, body {
14         height: 100%;
15         margin: 0;
16         padding: 0;
17       }
18     </style>
19   </head>
20   <body>
21     <button onclick = "PegarPosicao();" >POSICÃO</button>
22     <div id="map"></div>
23
24     <script type="text/javascript" src="cordova.js"></script>
25
26     <script src="https://maps.googleapis.com/maps/api/js?key=AIzaSyAOukz3X1iJzs90JZe22BNdy11iU4nd16U" type="text/javascript"
27       ></script>
28
29     <script type="text/javascript" src="js/index.js"></script>
30   </body>
31 </html>
```

index.js

```
1 function PegarPosicao() {
2     var options = {
3         enableHighAccuracy: true,
4         maximumAge: 3600000
5     }
6     var watchID = navigator.geolocation.getCurrentPosition(Sucesso, Erro, options);
7
8     function Sucesso(position) {
9         alert('Latitude: ' + position.coords.latitude + '\n' + 'Longitude: ' + position.coords.longitude);
10        var longitude = position.coords.longitude;
11        var latitude = position.coords.latitude;
12        var latLong = new google.maps.LatLng(latitude, longitude);
13
14        var mapOptions = {
15            center: latLong,
16            zoom: 20,
17            mapTypeId: google.maps.MapTypeId.ROADMAP
18        };
19
20        var map = new google.maps.Map(document.getElementById("map"), mapOptions);
21
22        var marker = new google.maps.Marker({
23            position: latLong,
24            map: map,
25            title: 'my location'
26        });
27
28    };
29
30    function Erro(error) {
31        alert('codigo: ' + error.code + '\n' + 'message: ' + error.message + '\n');
32    }
33 }
```

Desafio

- Acrescente jquery e o materialize no seu projeto para melhorar a estética dele