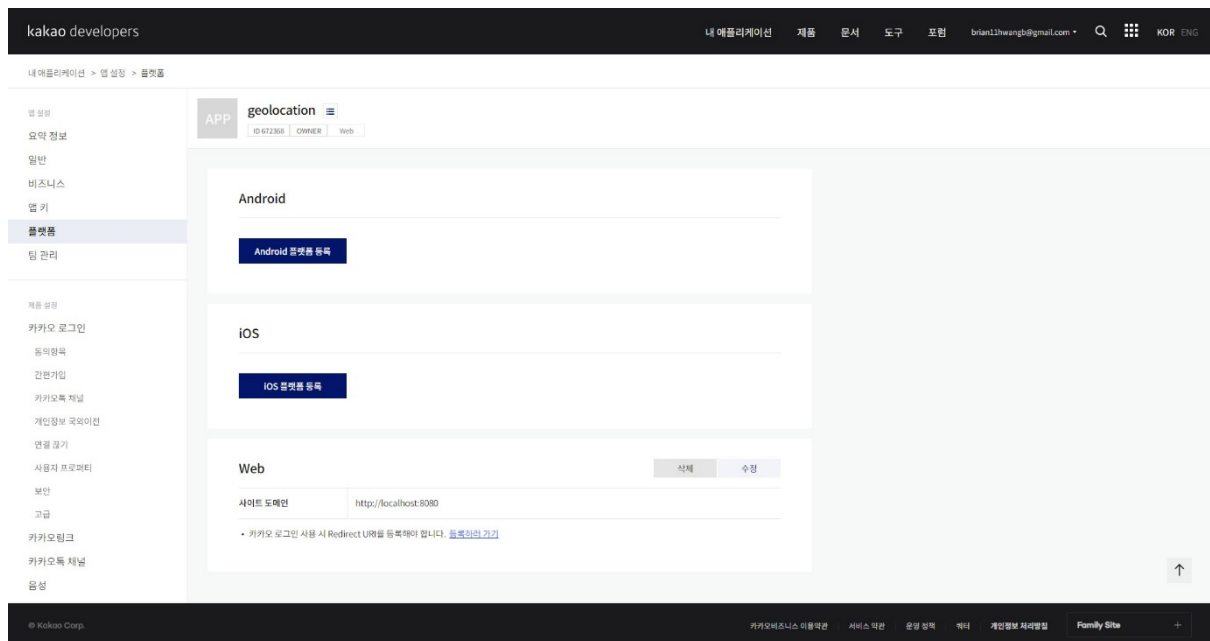Web programming Lab w13

Geolocation_1 Screenshots and Descriptions

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1. Get the JavaScript API key from Kakao developers.

2. Start localhost from python with python -m http.server 8080

3. Write code to get current location

```html
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8" />
    <title>Kakao API</title>
  </head>
  <body>
    <script
      type="text/javascript"
      src="//dapi.kakao.com/v2/maps/sdk.js?appkey=3aca875e610e09dbf738e11232efc0fd"
    ></script>
    <p>Click the button to get the map of your position.</p>
    <button onclick="getLocation()">Show your position</button>
    <br />
    <p id="demo"></p>
    <div id="map" style="width:500px;height:300px;"></div>

    <script>
      function getLocation() {
        navigator.geolocation.getCurrentPosition(showPosition);
      }
      function showPosition(position) {
        var x = document.getElementById("demo");
        x.innerHTML =
          "Latitude: " +
          position.coords.latitude +
          "<br>Longitude: " +
          position.coords.longitude;
        var mapContainer = document.getElementById("map"),
          mapOption = {
            center: new kakao.maps.LatLng(
              position.coords.latitude,
              position.coords.longitude
            ),
            level: 3
          };
        var map = new kakao.maps.Map(mapContainer, mapOption);
        var marker = new kakao.maps.Marker({
          position: map.getCenter()
        });
        marker.setMap(map);
      }
    </script>
  </body>
</html>
```

4. Check on web (finish)

Click the button to get the map of your position.

[Show your position]

Latitude: 37.2976181
Longitude: 126.9714922