

## 외부서비스정보

### 1) 카카오 맵 API

### 2) 카카오 로그인 API

#### Index.html

```
<!-- Kakao Map API -->
<script
  type="text/javascript"
  src="//dapi.kakao.com/v2/maps/sdk.js?appkey=%REACT_APP_KAKAO_API_KEY%&libraries=services"
></script>
<!-- Kakao Login -->
<script
  src="https://t1.kakaocdn.net/kakao_js_sdk/2.3.0/kakao.min.js"
  integrity="sha384-70k0rrouSYPWJt7q9rSTKpiTfX6USlMYjZUtr1Du+9o4cGvhPAWxngdtVZDdEr1h"
  crossorigin="anonymous"
></script>
<script src="https://t1.kakaocdn.net/kakao_js_sdk/2.3.0/kakao.min.js"
  integrity="sha384-70k0rrouSYPWJt7q9rSTKpiTfX6USlMYjZUtr1Du+9o4cGvhPAWxngdtVZDdEr1h"
  crossorigin="anonymous">
</script>
```

#### App.js

```
💡 Sign-up & Log-in & Sign-out
import KakaoLogin from "./setup/user-auth/KakaoLogin";
import KakaoSignUp from "./setup/user-auth/KakaoSignUp";

{/* Kakao Auth */}
<Route path="/Auth/Kakao/Signup/Callback" element={<KakaoSignUp />} />
<Route path="/Auth/Kakao/Login/Callback" element={<KakaoLogin />} />
```

## Golffield.js

```
import KakaoMap from "../KakaoMap";
```

```
<div id="kakao-map">
  <KakaoMap
    centerId={centerId}
    getId={getId()}
    getAddress={getAddress()}
    getLatLng={getLatLng()}
  />
</div>
```

## KakaoMap.js

```
function KakaoMap({ centerId, getId, getAddress, getLatLng }) {
```

```
  const parseLatLng = (address) => {
    const geocoder = new kakao.maps.services.Geocoder();
    geocoder.addressSearch(address, function (result, status) {
      if (status === kakao.maps.services.Status.OK) { // 정상적으로 검색 완료
        var coords = new kakao.maps.LatLng(result[0].y, result[0].x);
        var resultLatLng = [coords.Ma, coords.La]
        return resultLatLng;
      } else { // 변환 값 에러
        return [null, null]
      }
    });
    return [null, null]
  }
}
```

```
// 지도의 중심을 골프장 위치로 변경
const options = {
  center: new kakao.maps.LatLng(centerPosition[0], centerPosition[1]),
  level: 3,
};
const map = new kakao.maps.Map(container, options);

// 골프장 위치에 marker 표시
let markerPosition = new kakao.maps.LatLng(centerPosition[0], centerPosition[1]);
const marker1 = new kakao.maps.Marker({
  map: map,
  position: markerPosition,
});
marker1.setMap(map);
```

## Login.js

```
const handleKakaoLogin = () => {
  console.log("카카오 로그인 시도"); // Debug Code !!

  const REST_API_KEY = " ";
  const REDIRECT_URI = "http://localhost:3000/auth/kakao/login/callback";
  const kakaoUrl = `https://kauth.kakao.com/oauth/authorize?client_id=${REST_API_KEY}&redirect_uri=${REDIRECT_URI}&response_type=code`;
  window.location.href = kakaoUrl;
};
```

## SignupChoice.js

```
const REDIRECT_URI = "http://localhost:3000/auth/kakao/signup/callback";
const kakaoUrl = `https://kauth.kakao.com/oauth/authorize?client_id=${REST_API_KEY}&redirect_uri=${REDIRECT_URI}&response_type=code`;
```

## Kakao.js

```
// KAKAO Token 발급
const grant_type = 'authorization_code'
const client_id = process.env.REACT_APP_REST_API_KEY; // REST-API-TOKEN
const REDIRECT_URI = 'http://localhost:3000/auth/kakao/callback'
axios.post(
  `https://kauth.kakao.com/oauth/token?grant_type=${grant_type}&client_id=${client_id}&redirect_uri=${REDIRECT_URI}&code=${CODE}`,
  {
    headers: {
      'Content-type': 'application/x-www-form-urlencoded;charset=utf-8',
    },
  },
);
```

```
// KAKAO 회원 정보 가져오기
const getInfo = (access_token) => {
  const apiUrl = 'https://kapi.kakao.com/v2/user/me';

  // Axios를 사용하여 GET 요청 보내기
  axios.get(apiUrl, {
    headers: {
      Authorization: `Bearer ${access_token}`,
    },
  }),
}
```

## KakaoLogin.js

```
// KAKAO Token 발급
const grant_type = "authorization code";
const client_id = " "; // REST-API-TOKEN
const REDIRECT_URI = "http://localhost:3000/auth/kakao/login/callback";
axios
  .post(
    `https://kauth.kakao.com/oauth/token?grant_type=${grant_type}&client_id=${client_id}&redirect_uri=${REDIRECT_URI}&code=${CODE}`,
    {
      headers: {
        "Content-type": "application/x-www-form-urlencoded;charset=utf-8",
      },
    },
  )
```