**Google Sign-In Integration: Flutter**

**Android:**

* Used [google\_sign\_in](https://pub.dev/packages/google_sign_in) package
* To access Google Sign-In, you'll need to make sure to [register your application](https://firebase.google.com/docs/android/setup).
* After registering the app of Firebase console, I’ve to update gradle files as following
  + Inside android->settings.gradle -> I’ve added “id 'com.google.gms.google-services' version '4.4.2' apply false” in “plugins” section
  + Inside android->app->build.gradle -> I’ve added “implementation platform('com.google.firebase:firebase-bom:33.7.0')” in “dependencies” section
  + Inside android->app-> I’ve added google\_service.json
* To resolve “**APIException”** errors:
  + I’ve to fill all the required fields in the console for [OAuth consent screen](https://console.developers.google.com/apis/credentials/consent).
  + I’ve to add “Support Email” in the “General” tab of settings section of my firebase project.
  + In firebase project, I’ve to enable “Google” inside “Sign-In-Method” tab of “Authentication” feature.
* To secure “API\_KEY”:
  + I’ve added SHA1 fingerprint inside firebase “Project Settings”.
  + I’ve added SHA1 fingerprint inside “Credentials” section of Google Cloud Console as well.