Dear Supervisor / Second marker / FYP coordinators / Third marker,

For the need of testing with the project source, it must be a little bit setup for passing the authentication of the firebase login function. And the following steps are showing how to complete the authentication before testing the source code:
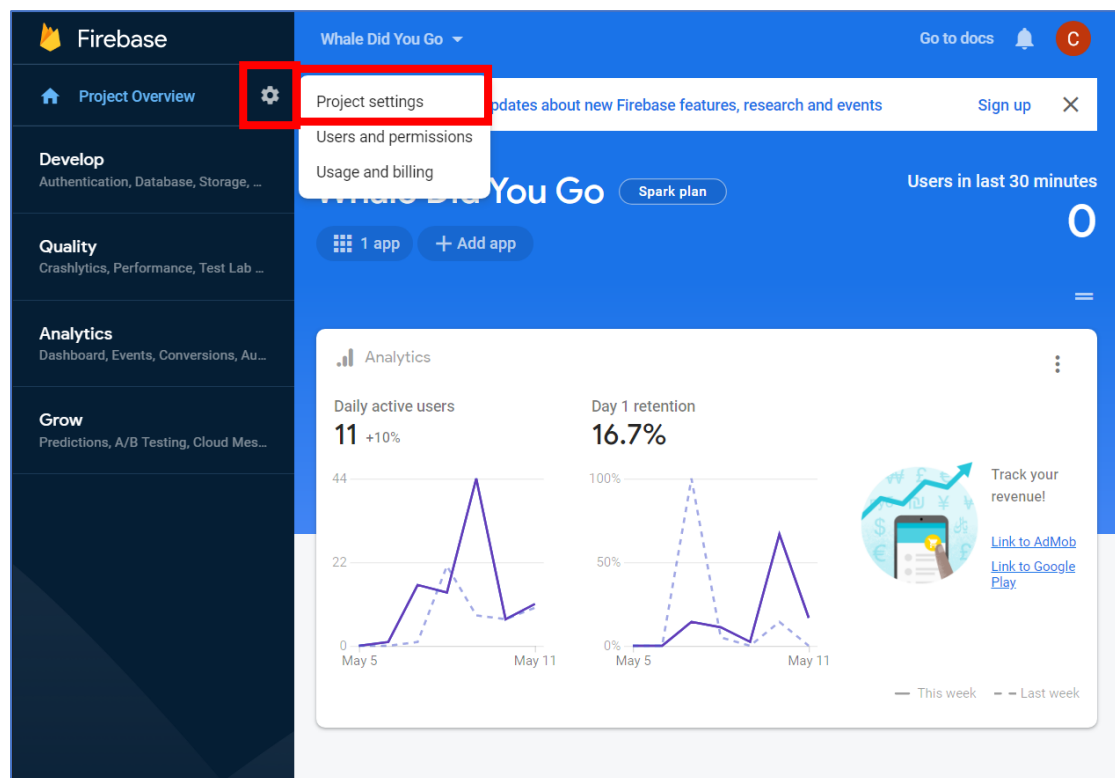
Step 1: Go to the Firebase console that we are pre-setup the account for the firebase management to you. (For the peoples from GitHub, you should setup your own firebase project by yourself)
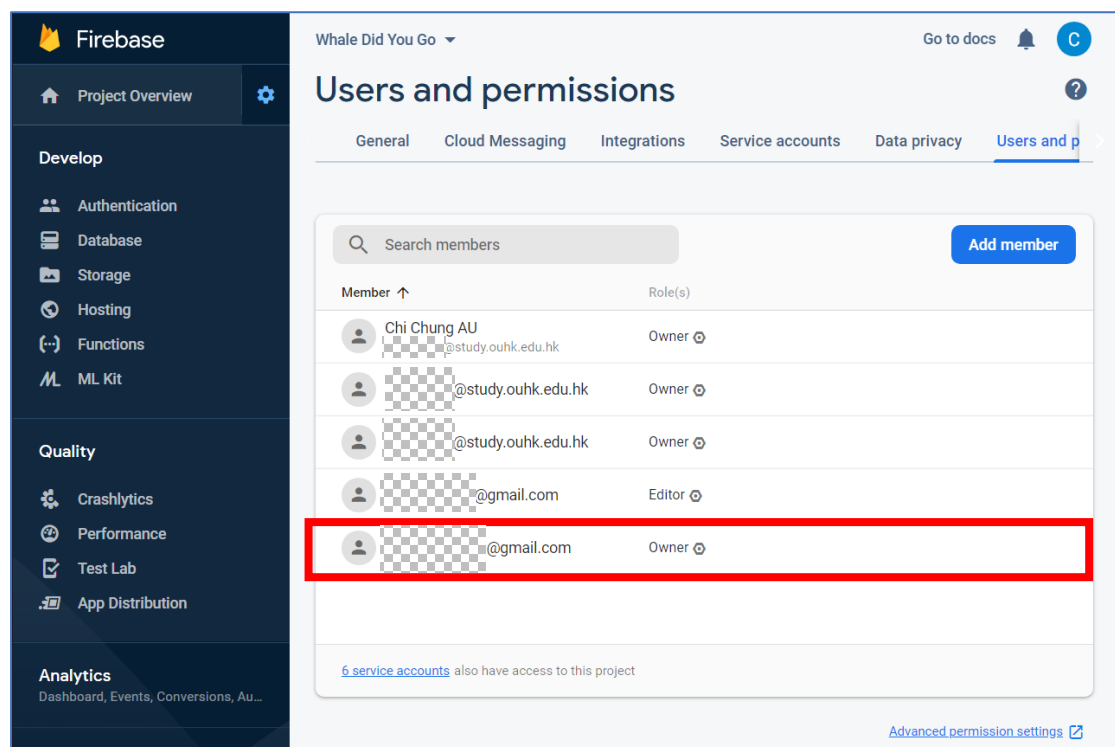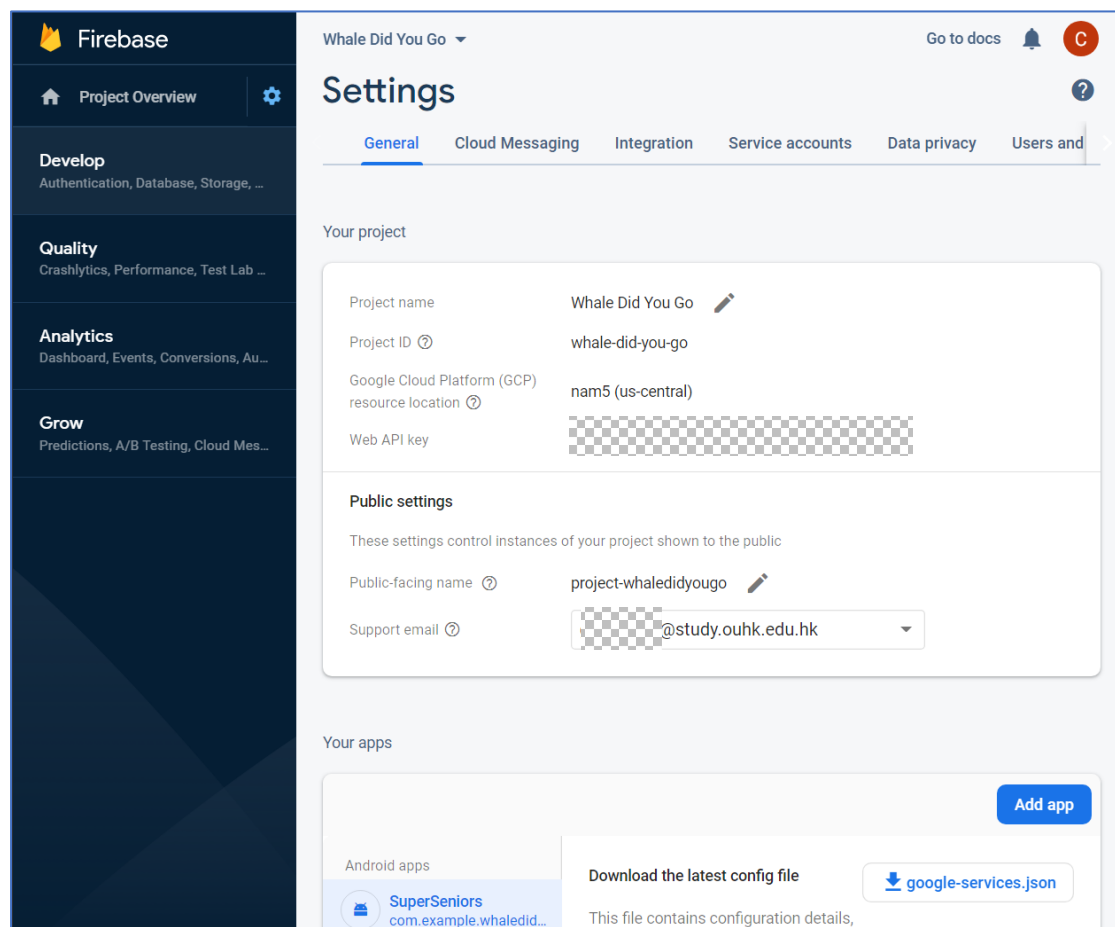

Then click into the fire base project (Whale Did You Go)
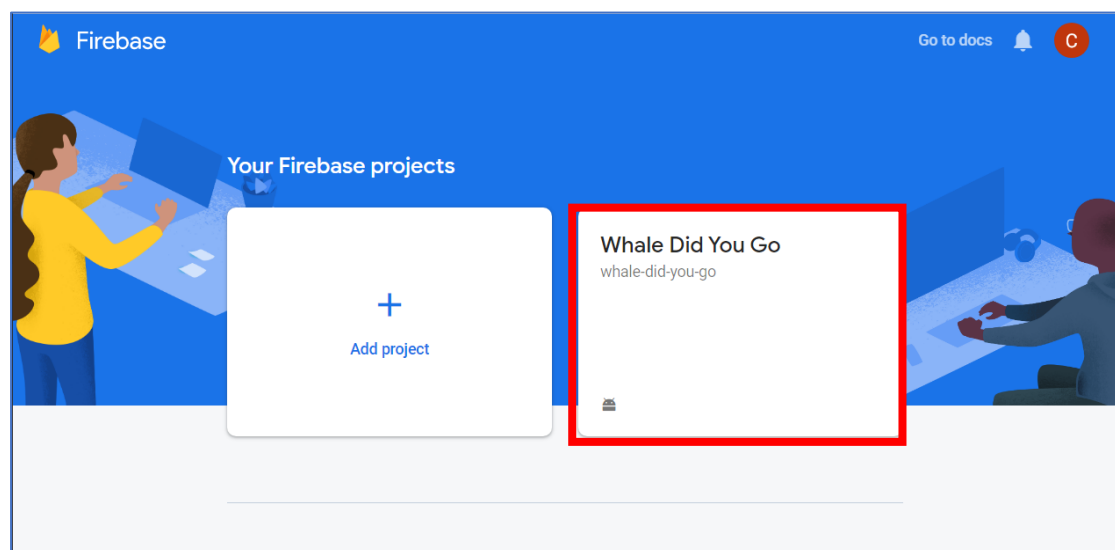
Step 2: Click the gearwheel icon then click "Project settings"

Then you will see that the firebase project setting page look like this

Step 3: scroll down the page to the title "Your apps" can you need to add the SHA certificate fingerprint which created by Android Studio.
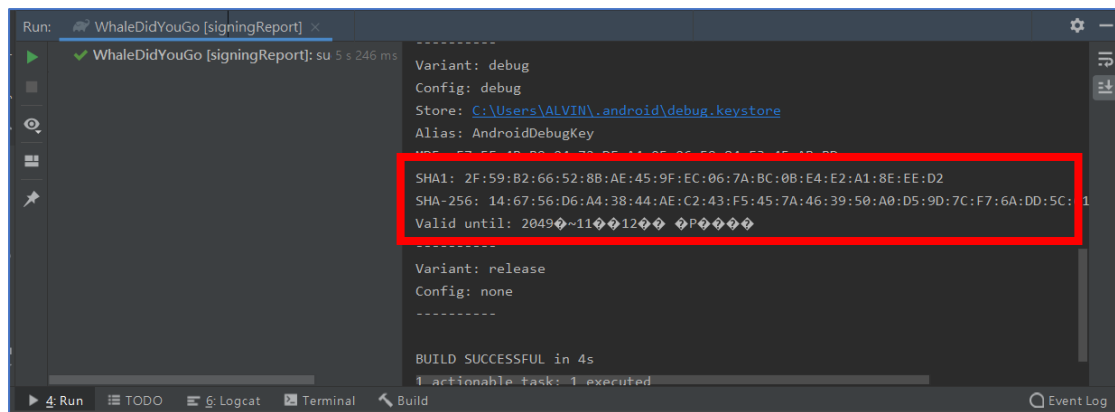
For the creation of the SHA certificate fingerprint, first you need to open the Android Studio with the project source code file, then click on grade (From right side panel, you will see Gradle bar)
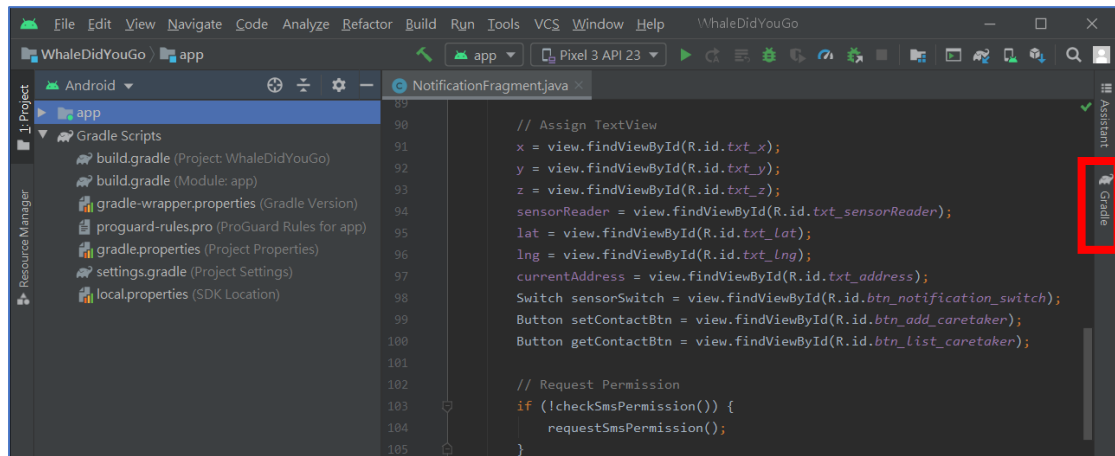
Click on "tasks", then click on "Android" and double click on signingReport (you will get SHA1 and MD5 in run bar (Sometimes it will be in Gradle Console))
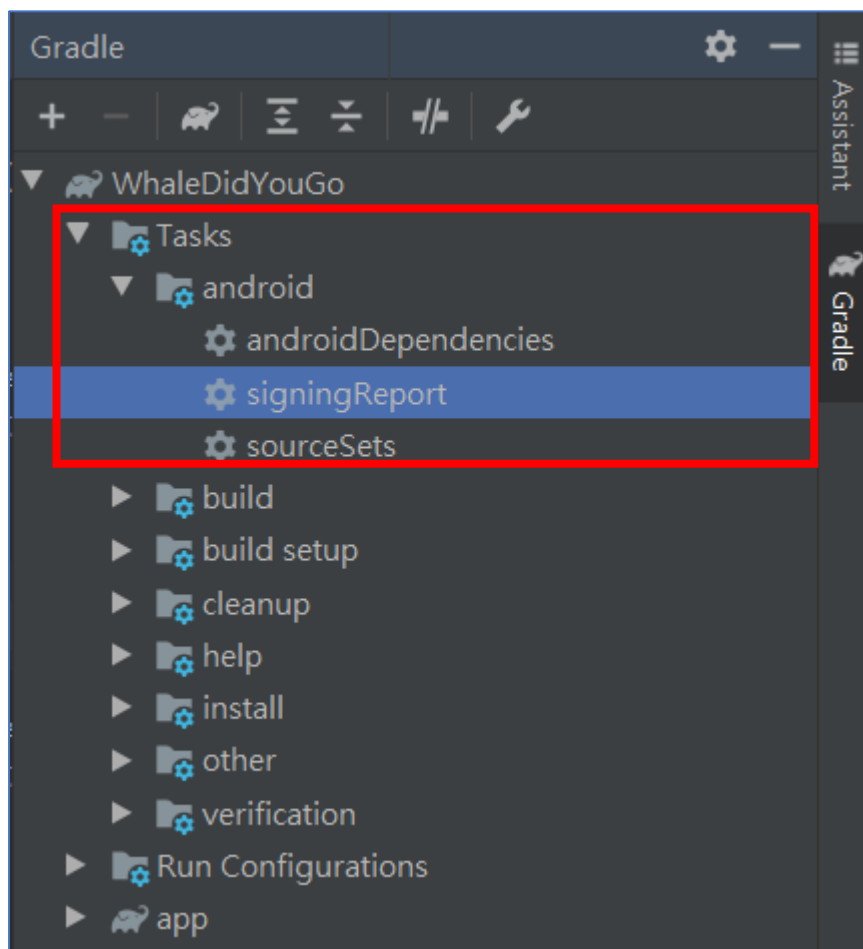
Then the terminal in android studio will generate the sha information look like this:

Step4: Copy the SHA1 key to the firebase console by "Add fingerprint"

Remember to change back the compile item to "app"
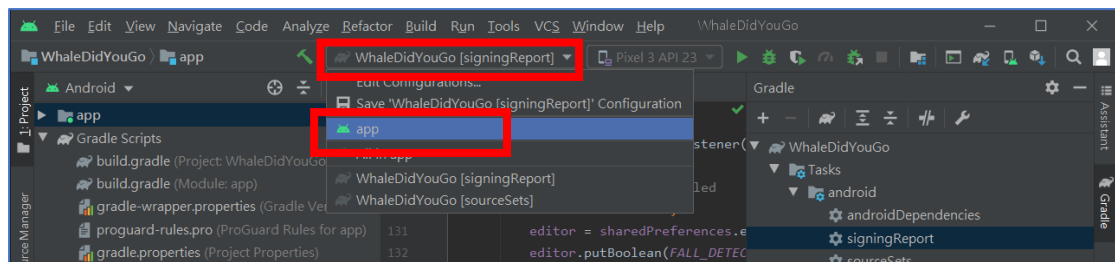
After installed the application, please turn on 2 of the Accessibility in "Settings" page
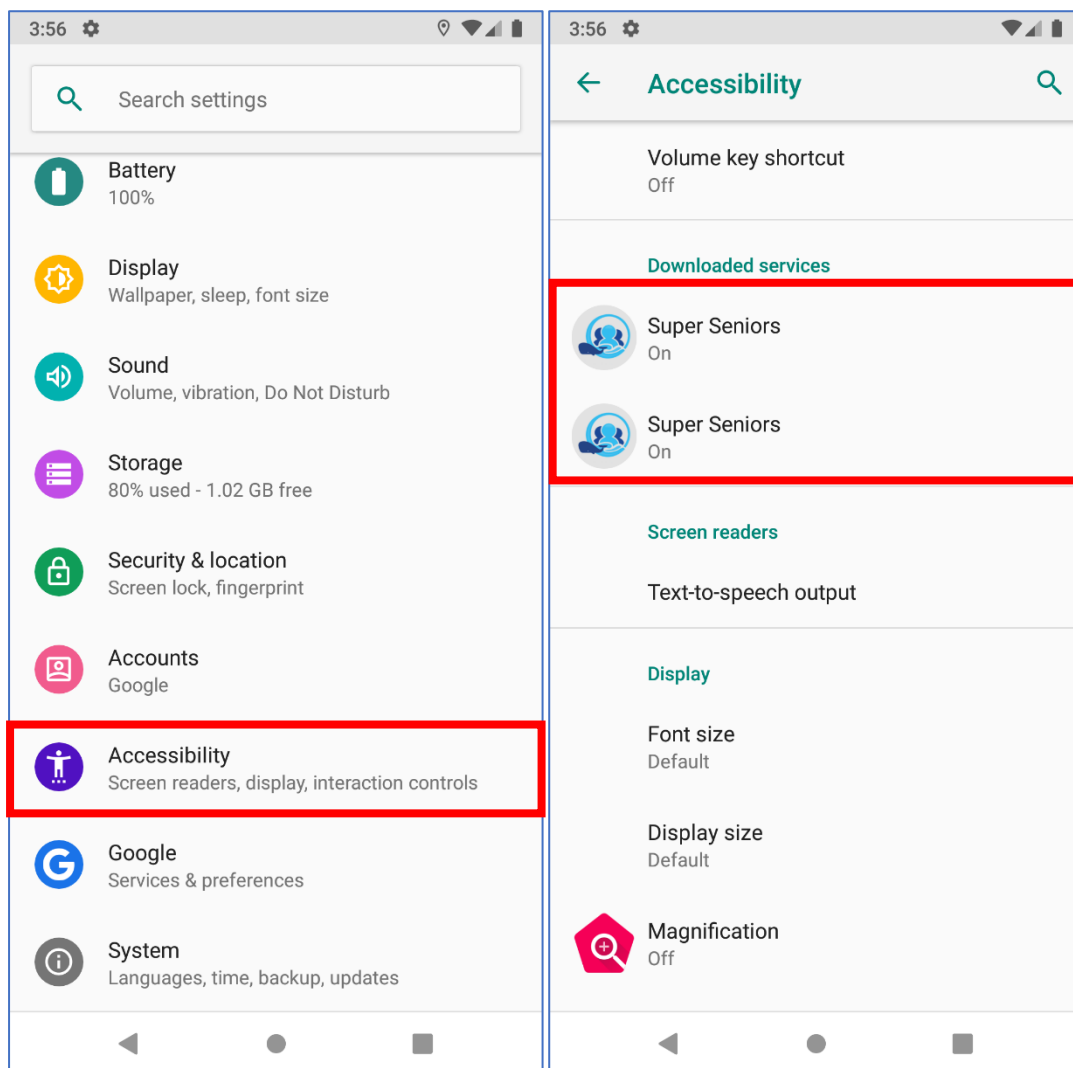
P.S. Before the application test, please make sure allow all permission for the application and turn on two of the accessibility setting. After the application test, please turn off the accessibility setting because it will affect your mobile device.

Then you can pass through the authentication of the firebase google login function for testing the application.