Setting Up Push Notifications For Flutter App

Requirements

- Imported flutter project on system

- Google Firebase Account

- For Android:
  - A device or emulator with Google Play services installed.
  - Android Studio.

- For iOS:
  - XCode
  - An iOS device such as an iPhone/iPadAn
  - iOS Push Certificate

Before moving further it is assumed that you have successfully imported the flutter project on your system and also created a Google firebase account.
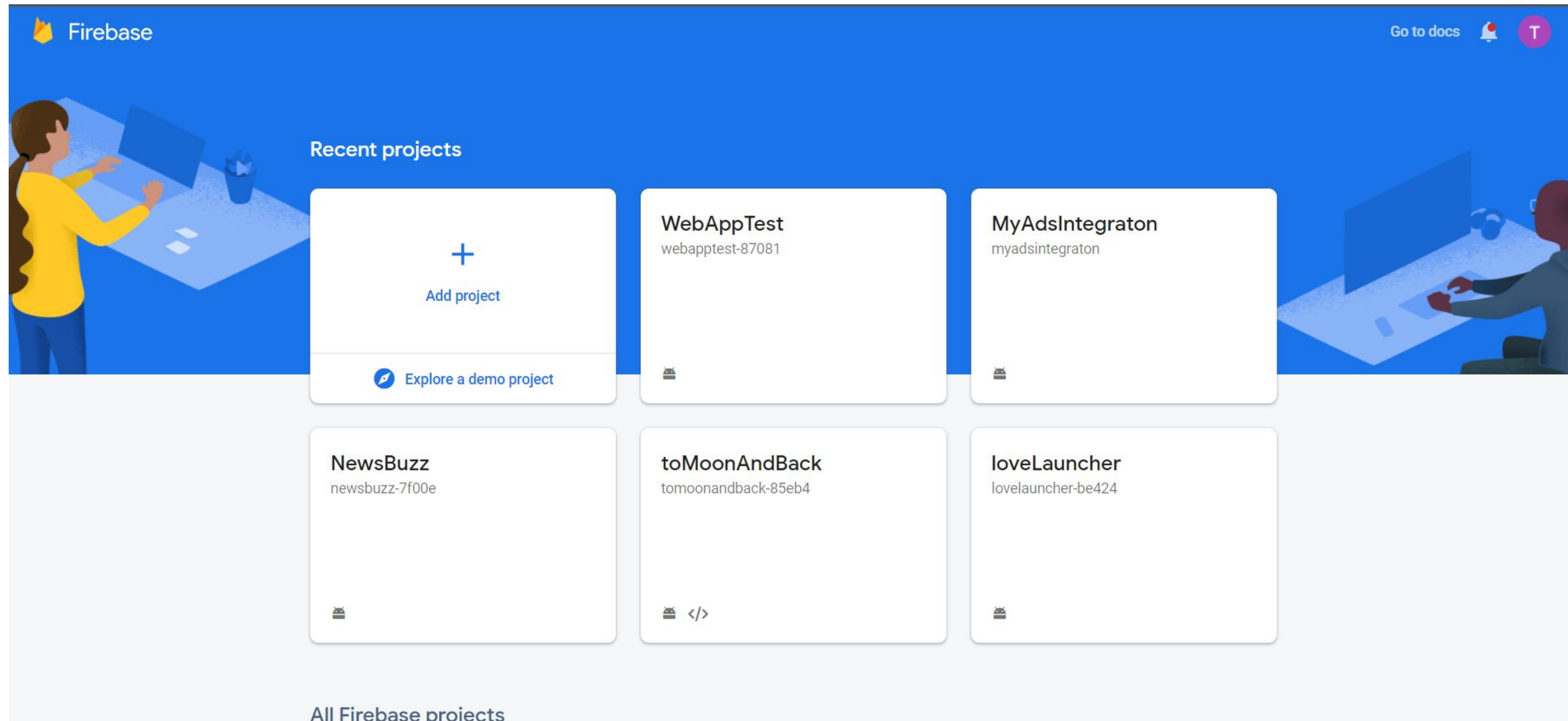
Step - 1

Open up the google firebase official website after creating account and click on "Get Started", a big white coloured button in front of you.
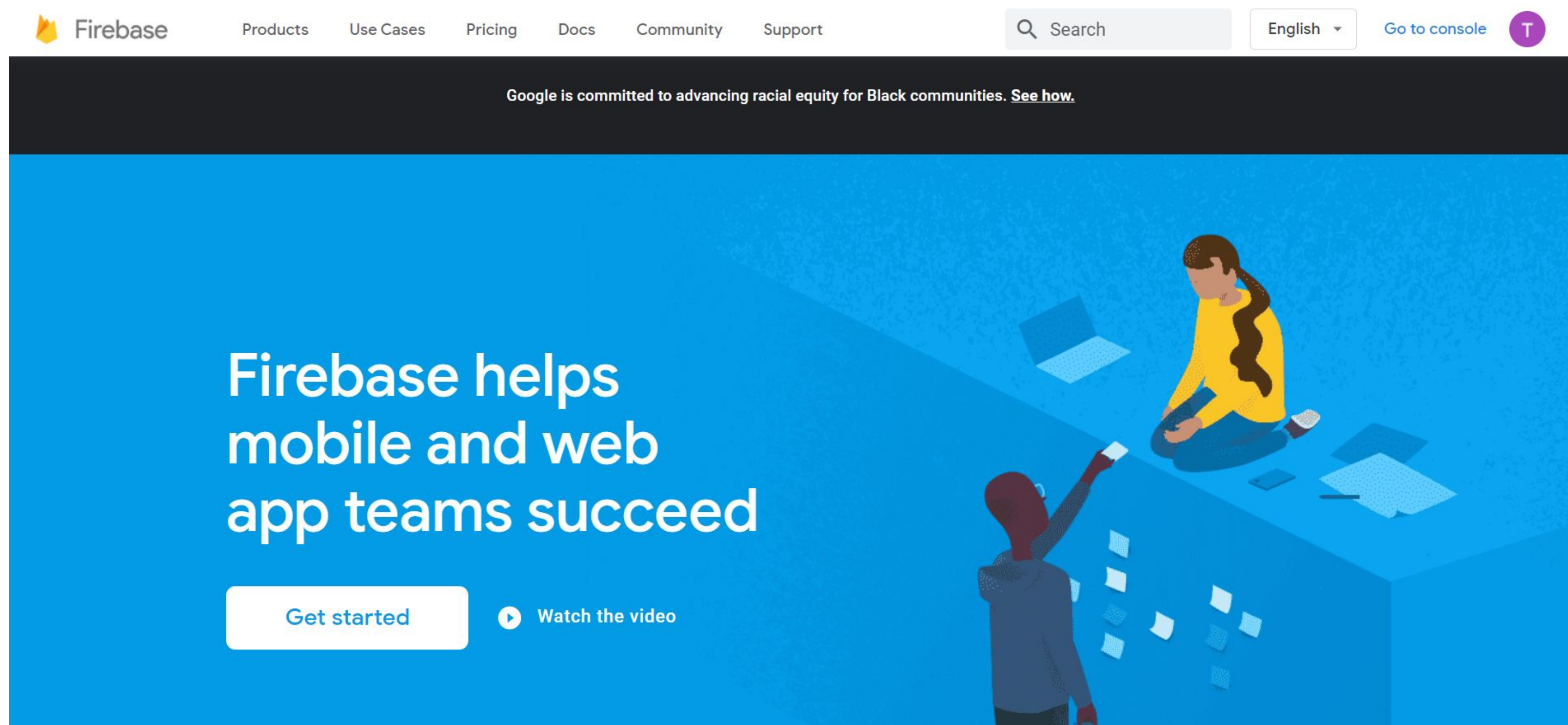
Step - 2

Firebase console window will appear in front of you in here click on "Add Project" and wait till the loading finishes.

Step - 3

Now, you have to create a firebase project by going through 3 simple steps. First step is to give a name to your firebase project (These all steps are required).
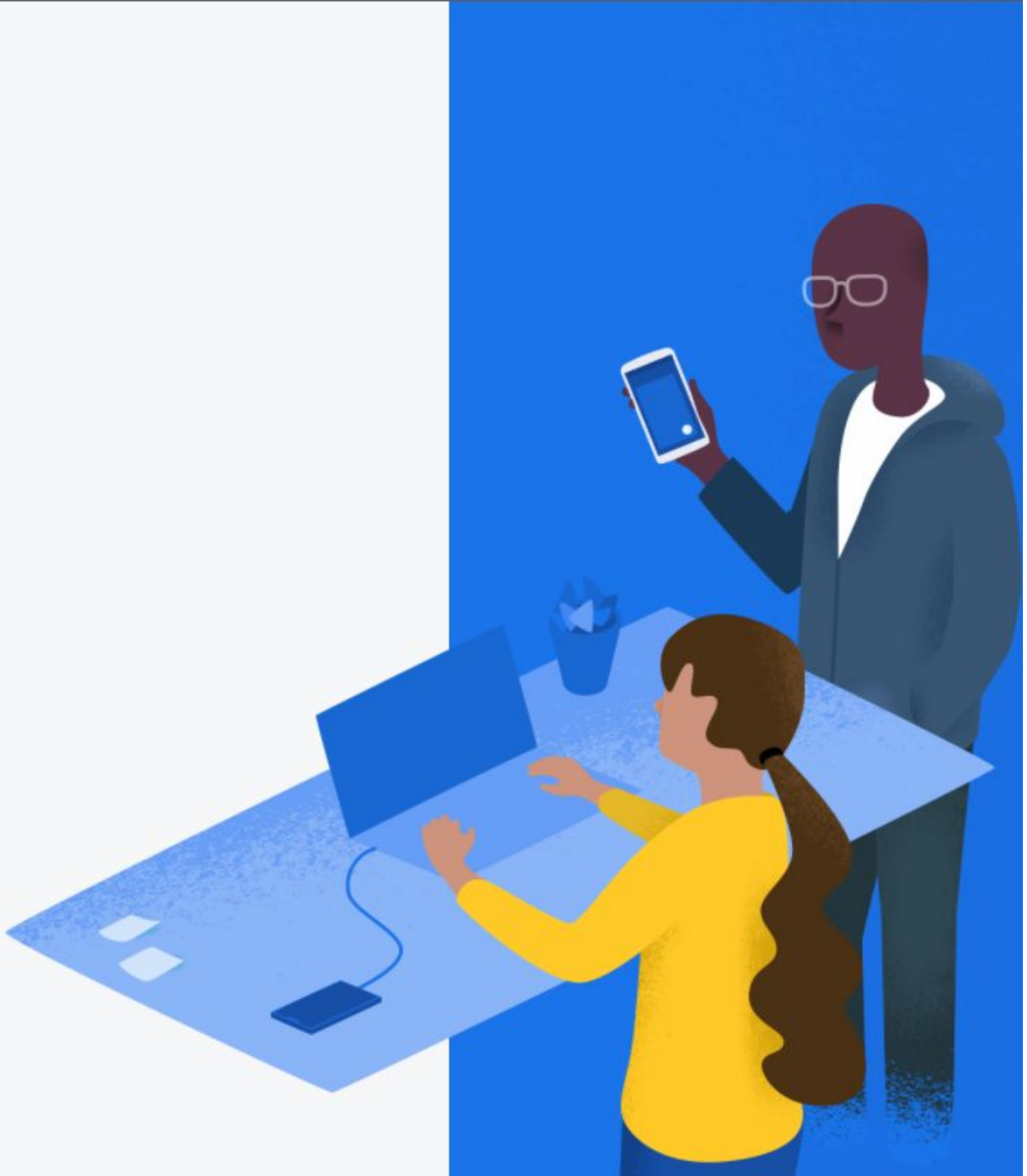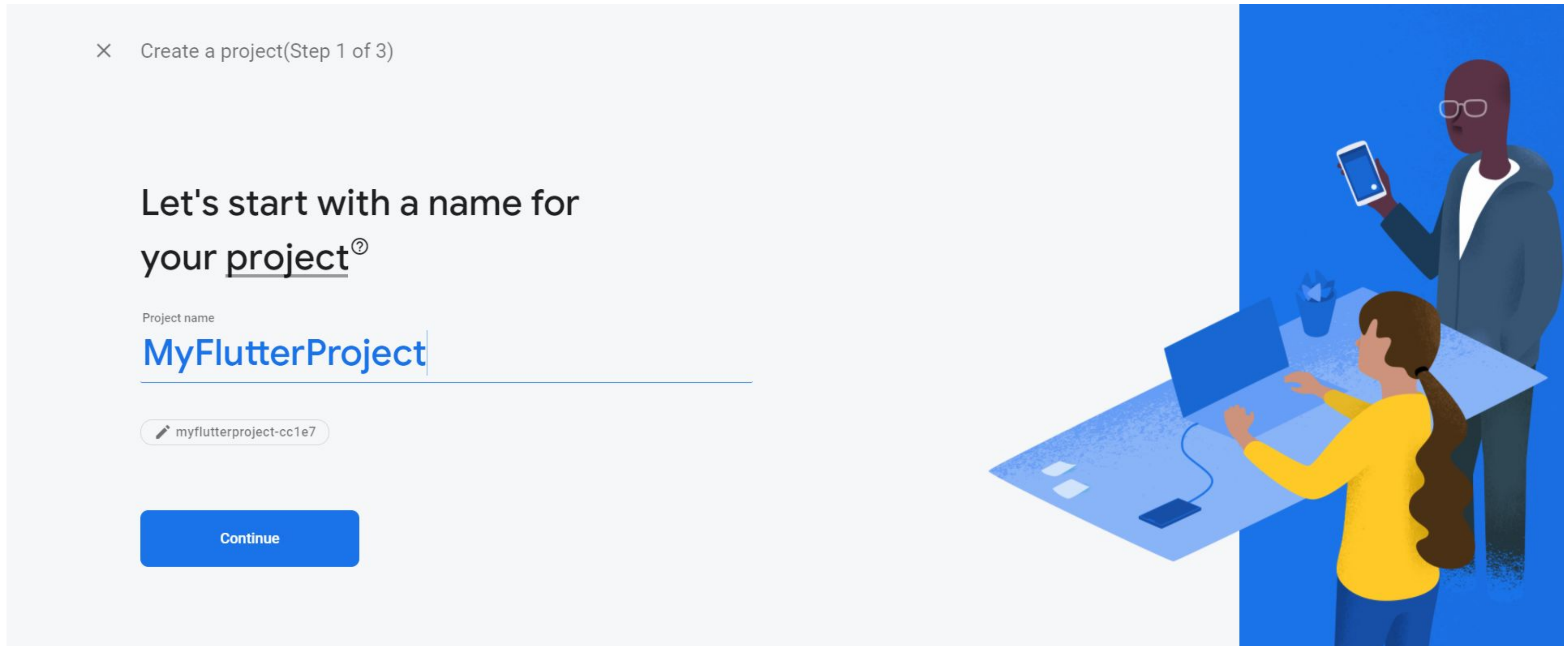
Step - 4

You can give it any name you want I'm simply going to give it "MyFlutterProject" name. It's time to move on to second step.

Step - 5

In second step you have to select the name of the firebase account, just click on the dropdown that containing text "Select an account".
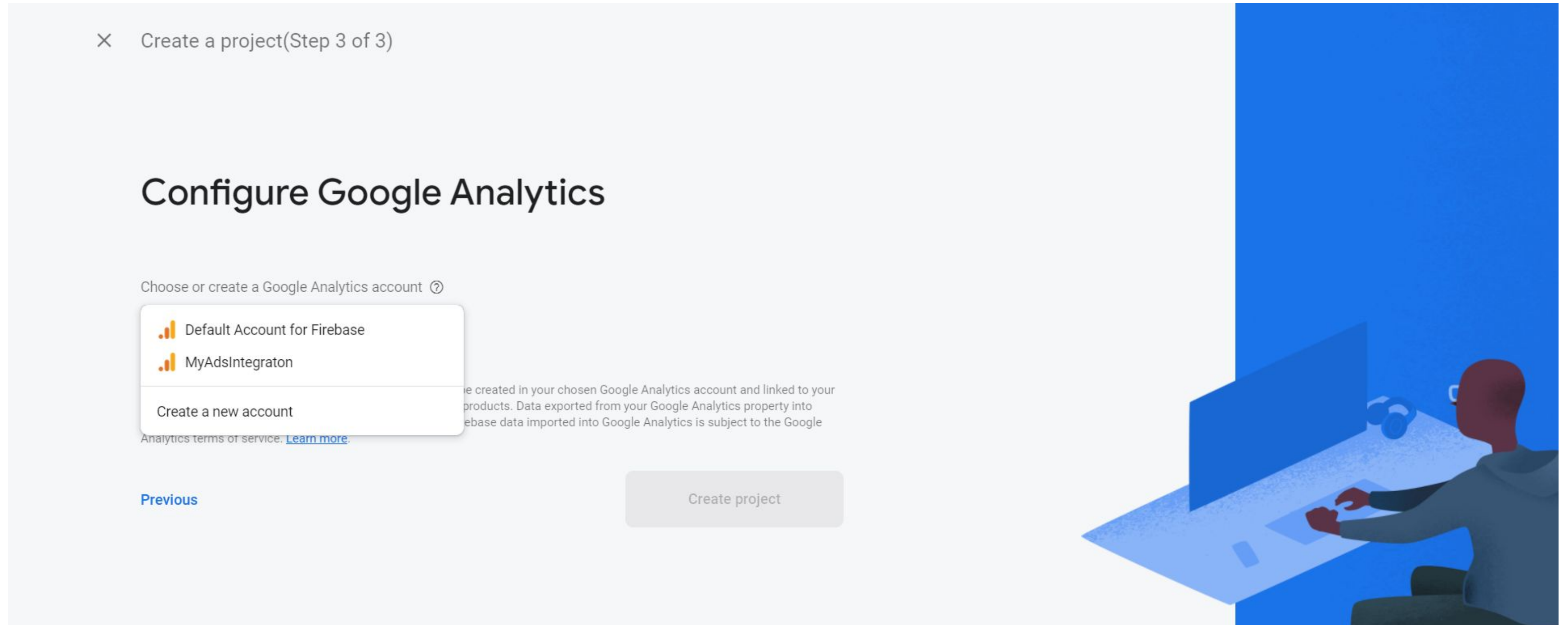
Step - 6

List of accounts will appear in front of you, select the "Default Account for Firebase".

Step - 7

After selecting account click on create project, blue colored button on the screen.
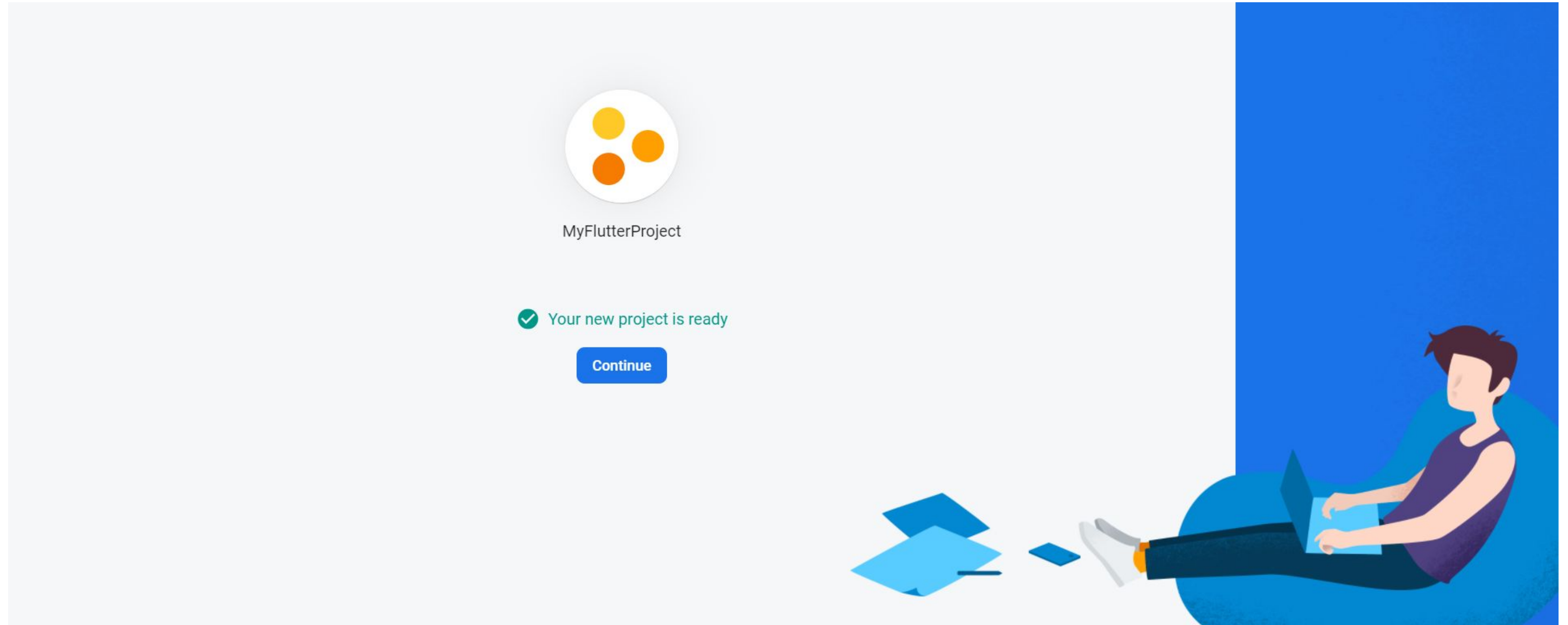
Step - 8

Hurrah, we are on the last of creating firebase project. just wait for 2-3 min. while fire builds our project. Don't turn off internet during this process.


Creating your project...
MyFlutterProject
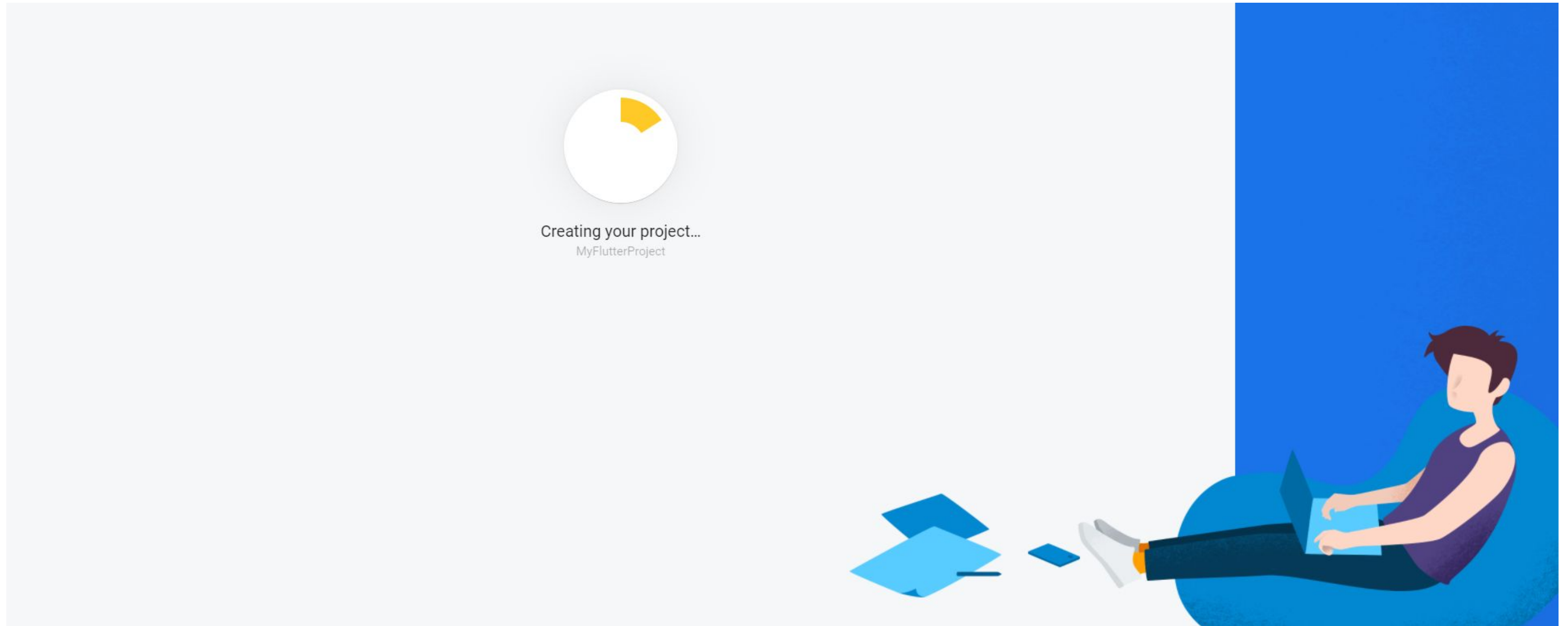
Step - 9

All set to go, our firebase project is ready click on continue button to proceed further.

Step - 10

Your firebase's project home page will appear in front of you here we have to select the type of application for which we are going to setup push notifications. For now we will continue with Android. Click on the android icon a window will open in front of you.
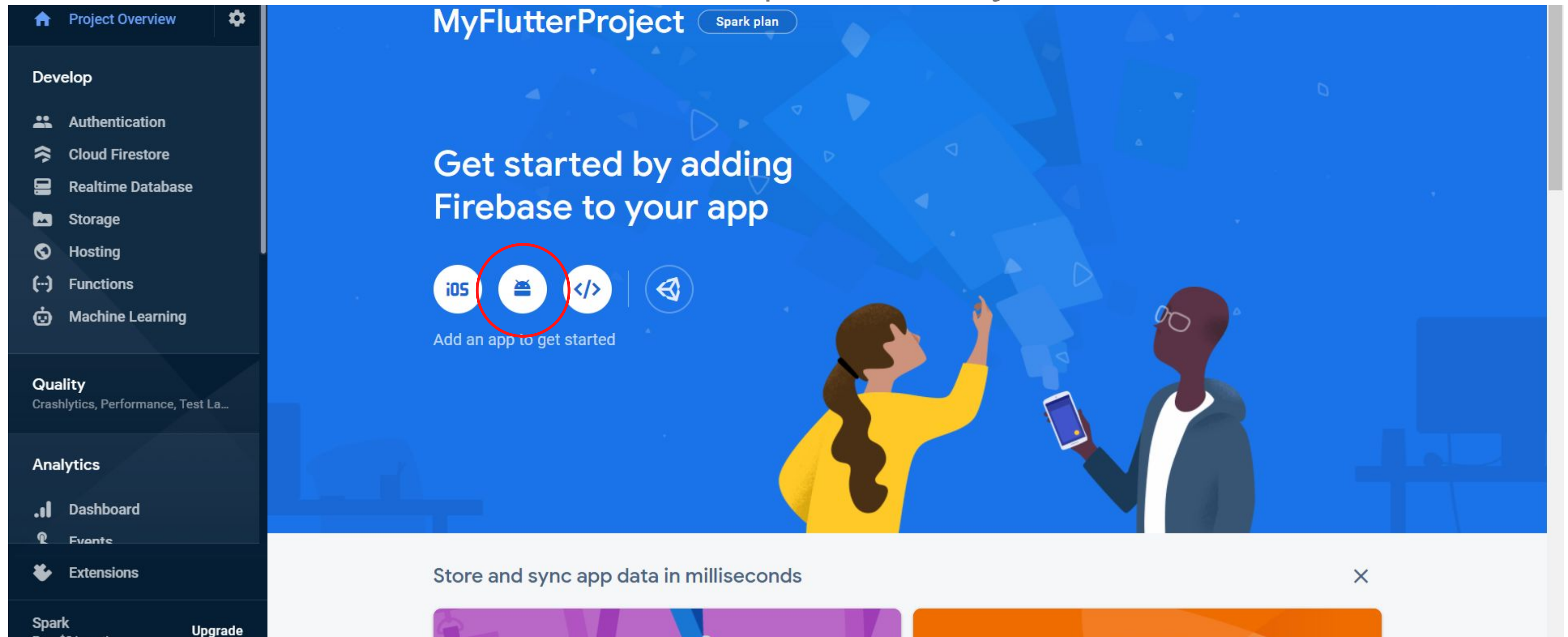
Step - 11

In here we have to link our Flutter app with our firebase project. we have to add the package name of our Flutter app (android side) in the very first text box.
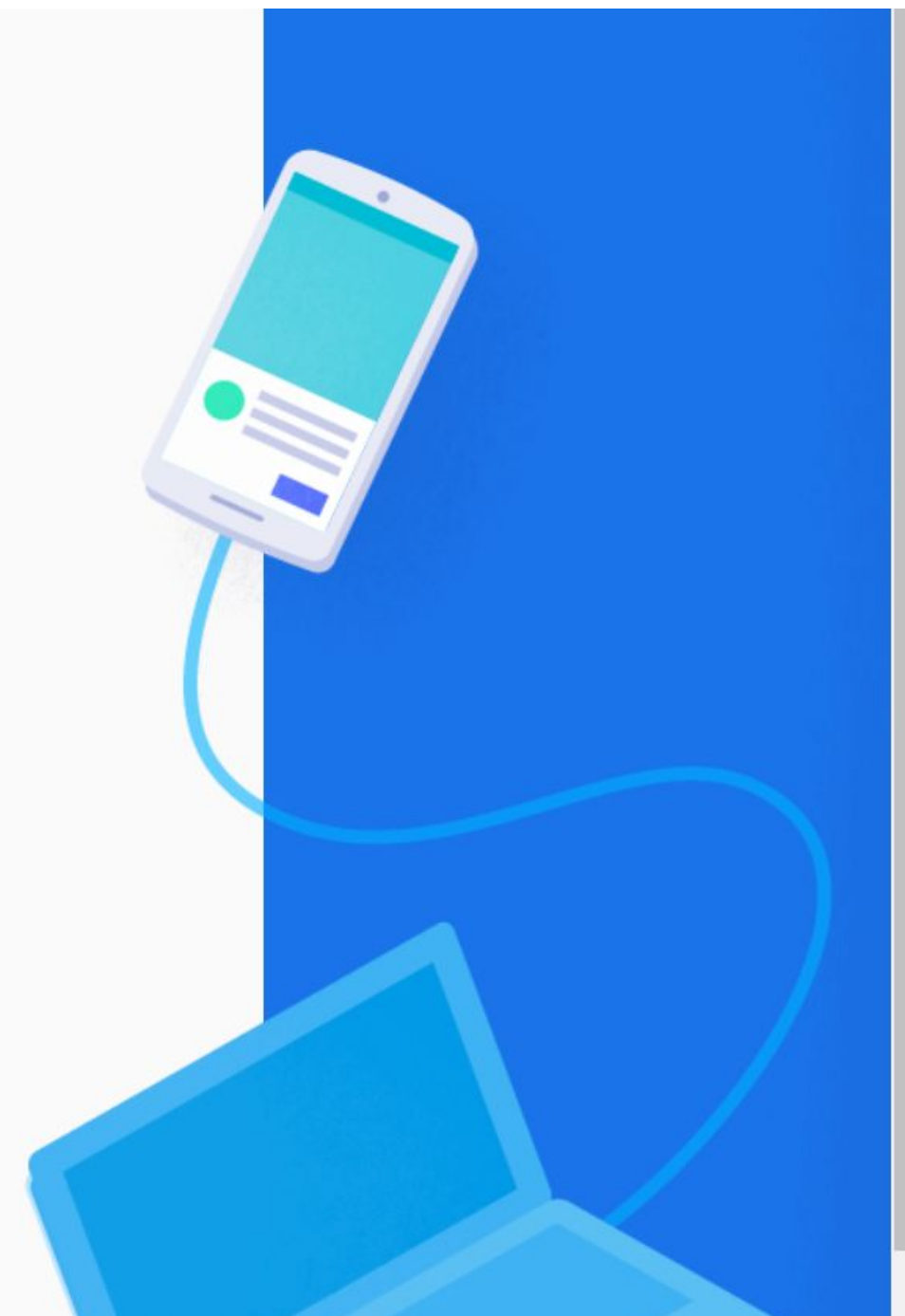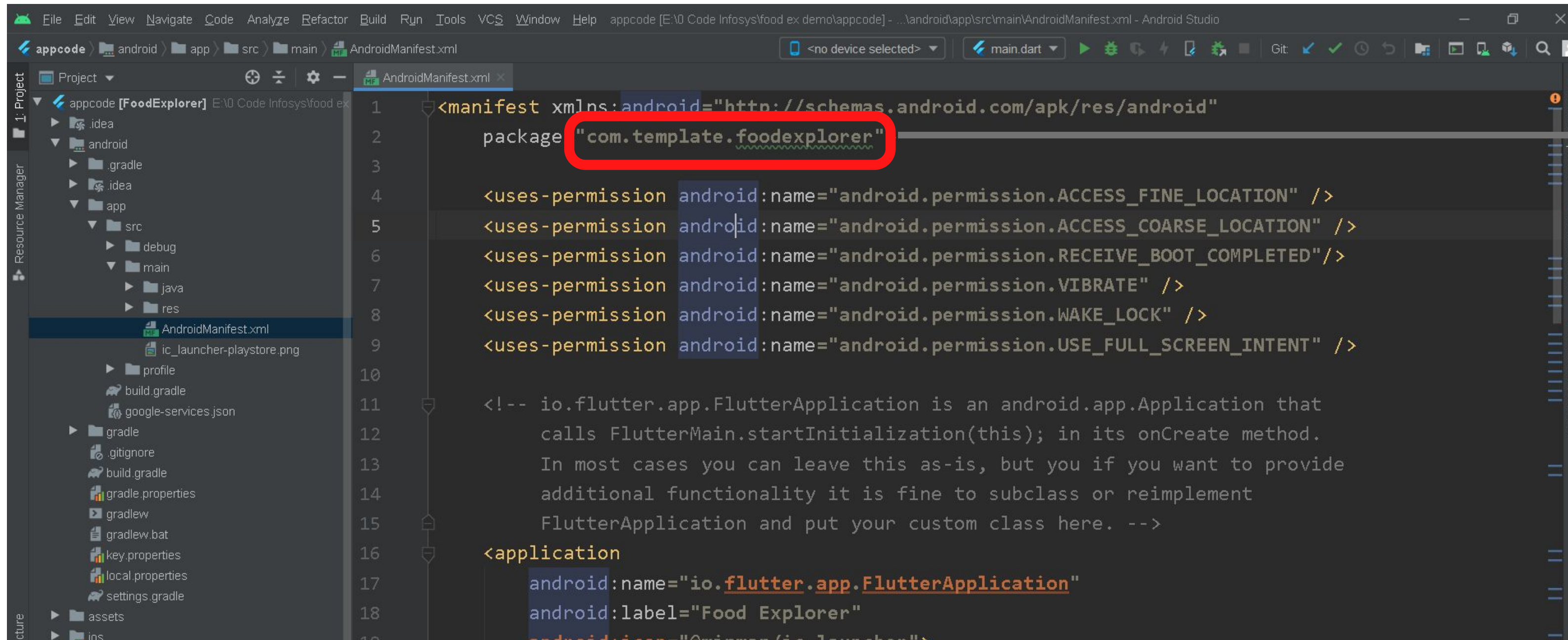
Step - 12

In order to get the package name of your application open project in android studio and follow the path.

appcode -> android -> app -> src -> AndroidManifest.xml

Copy this package name and open the firebase project browser window

Double click on this file to open up in editor.

Step - 13

Paste the package name in the first text box as you can see here.

Step - 14

Next step is to give name to your application this can be any name, am siply going to give it name MyApp. click on register app.

Step - 15

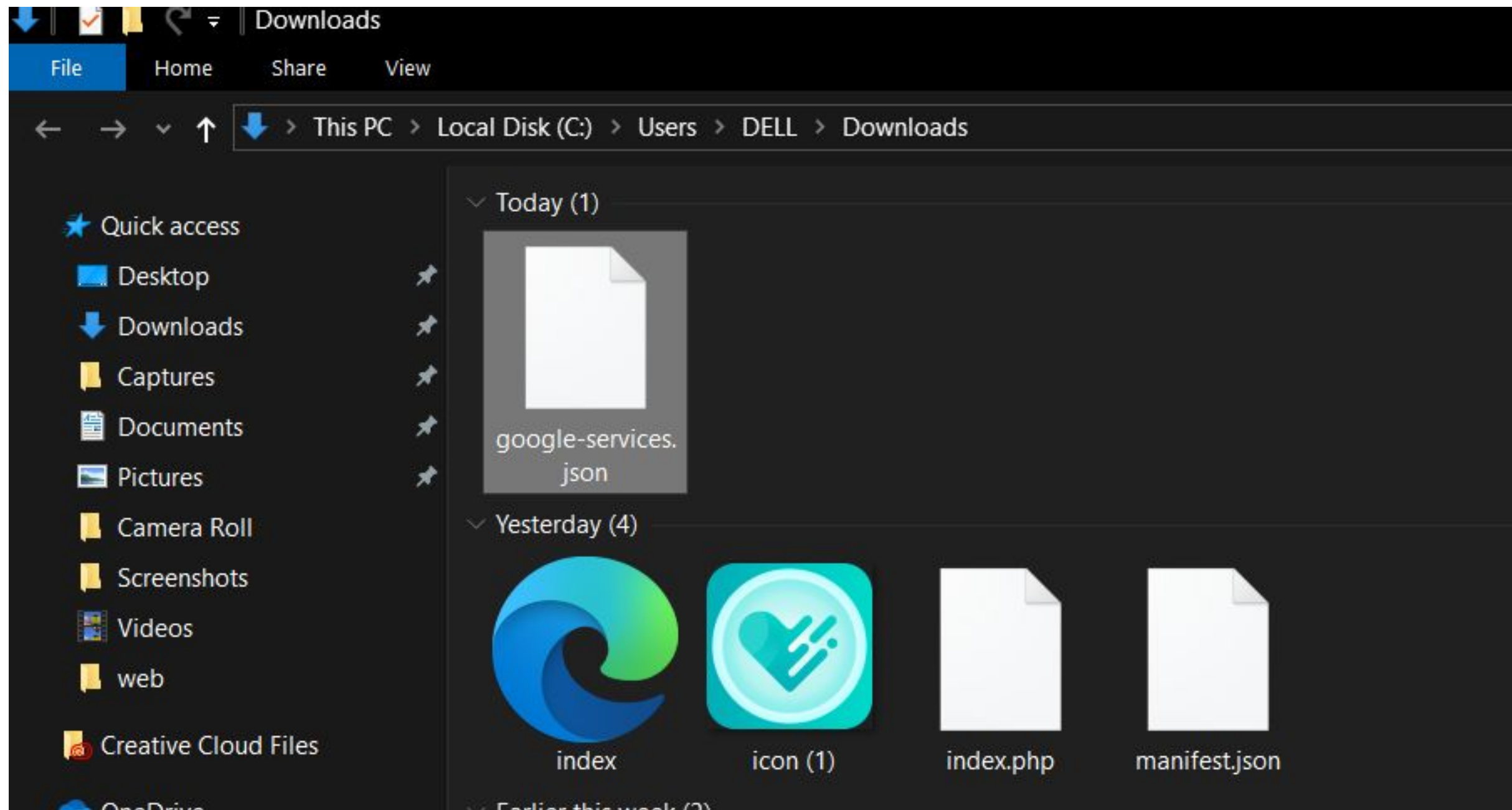Now in second step download the "google-services.json" file to your system, by clicking this blue button
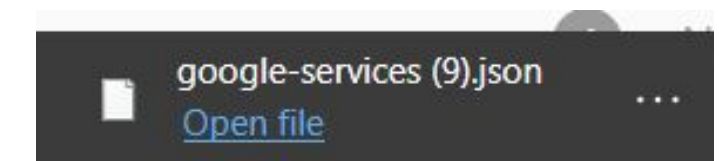
After downloading the file don't try to open it directly. click on 3 dots and then click on "Show in folder option". make sure to rename the file as "google-services.json"
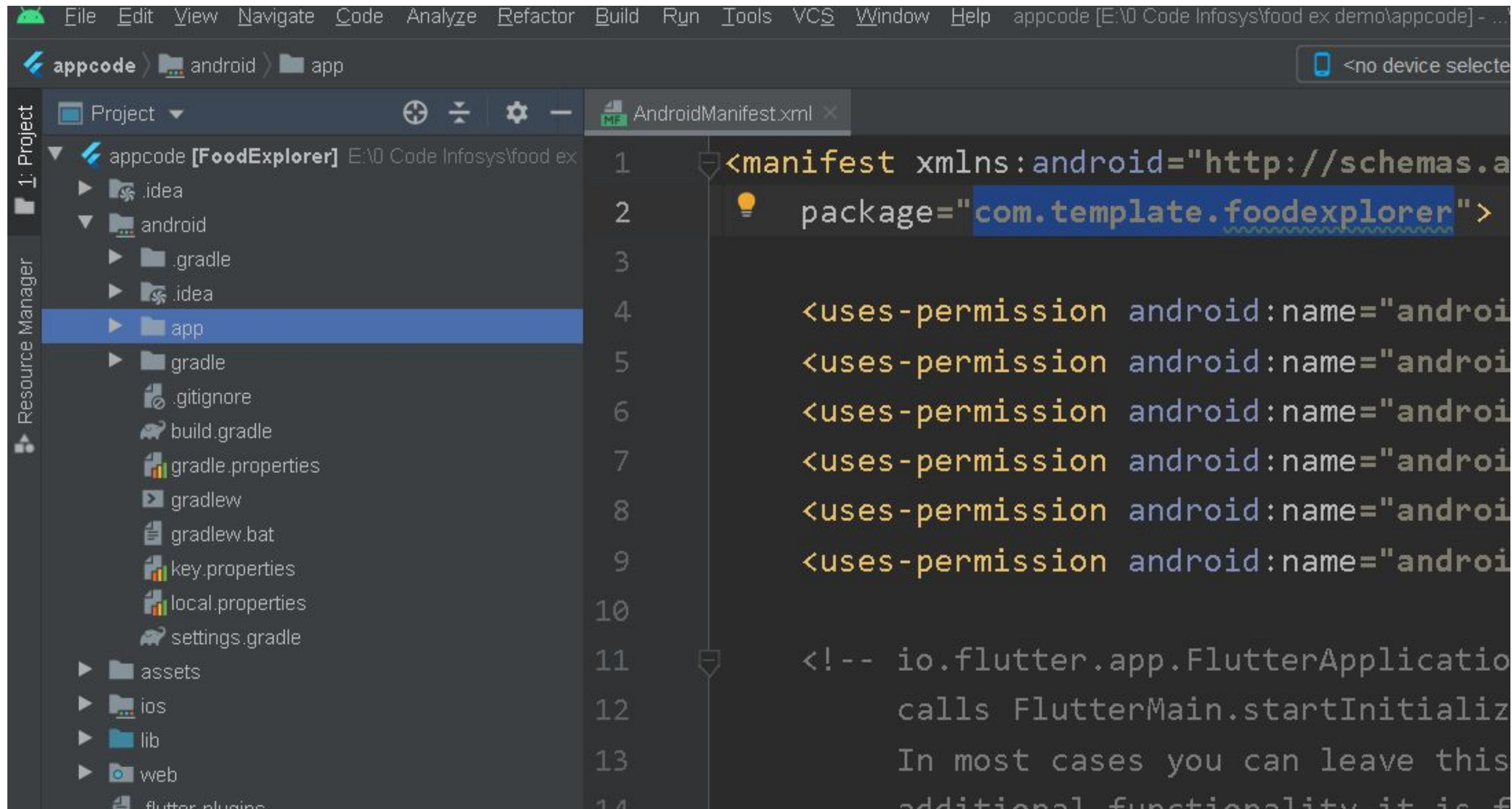
Step - 16

After opening the file in file manager copy the file, we are going to paste it in android studio.
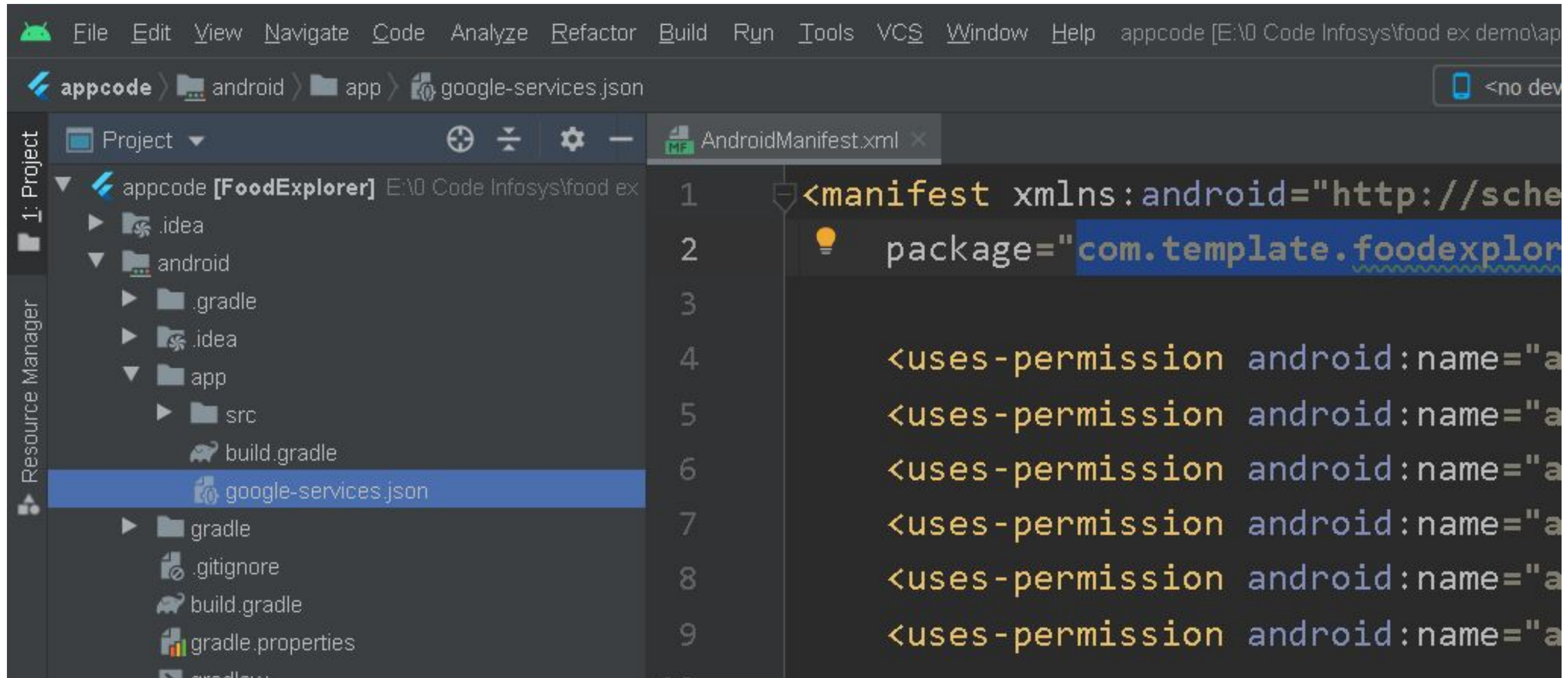
Step - 17

Follow the path appcode -> android -> app. Copy paste the file in app folder.

Step - 18

Here you can see the "google-serves.json" file is placed in the app folder under the build.gradle file make you to verify this path.

Step - 19

Go back to browser and open up step 3, simply click on next button.
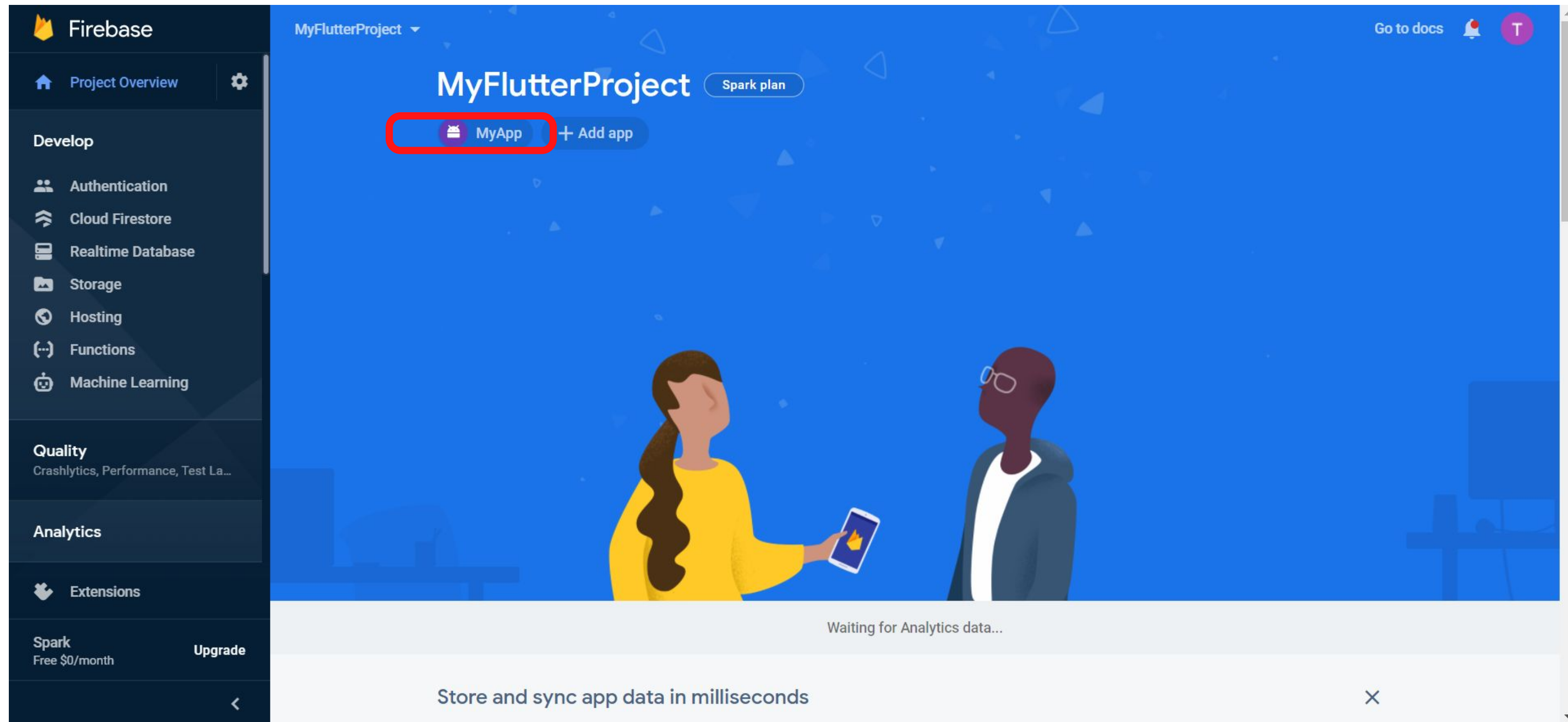
Step - 20

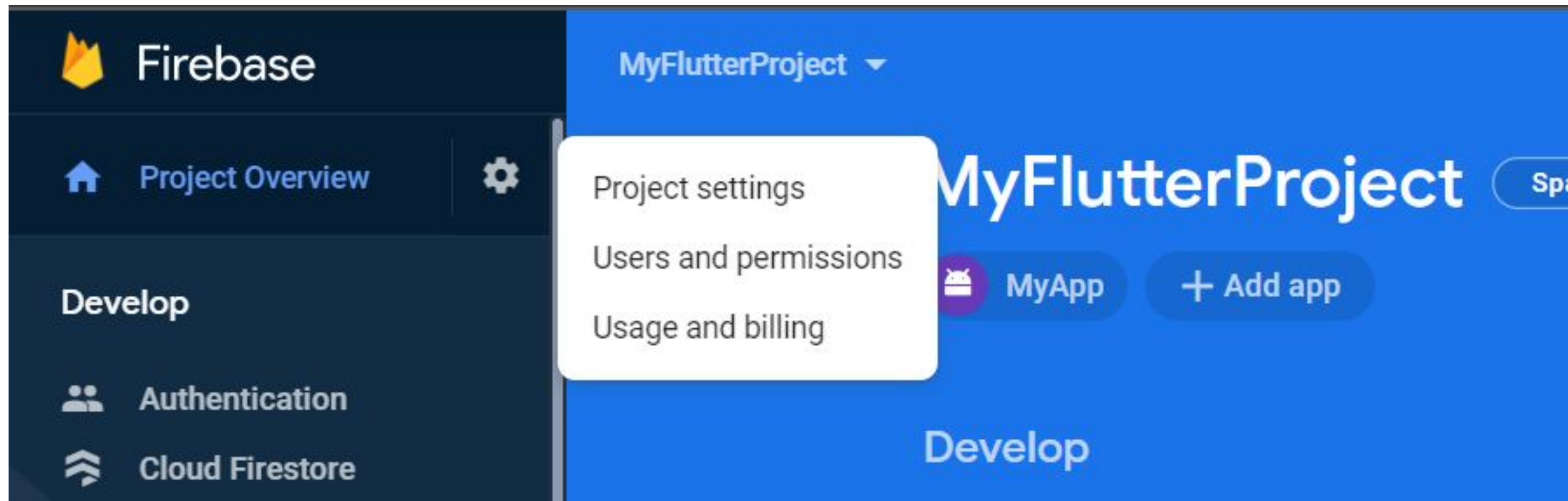We are all set to go click on continue to console.
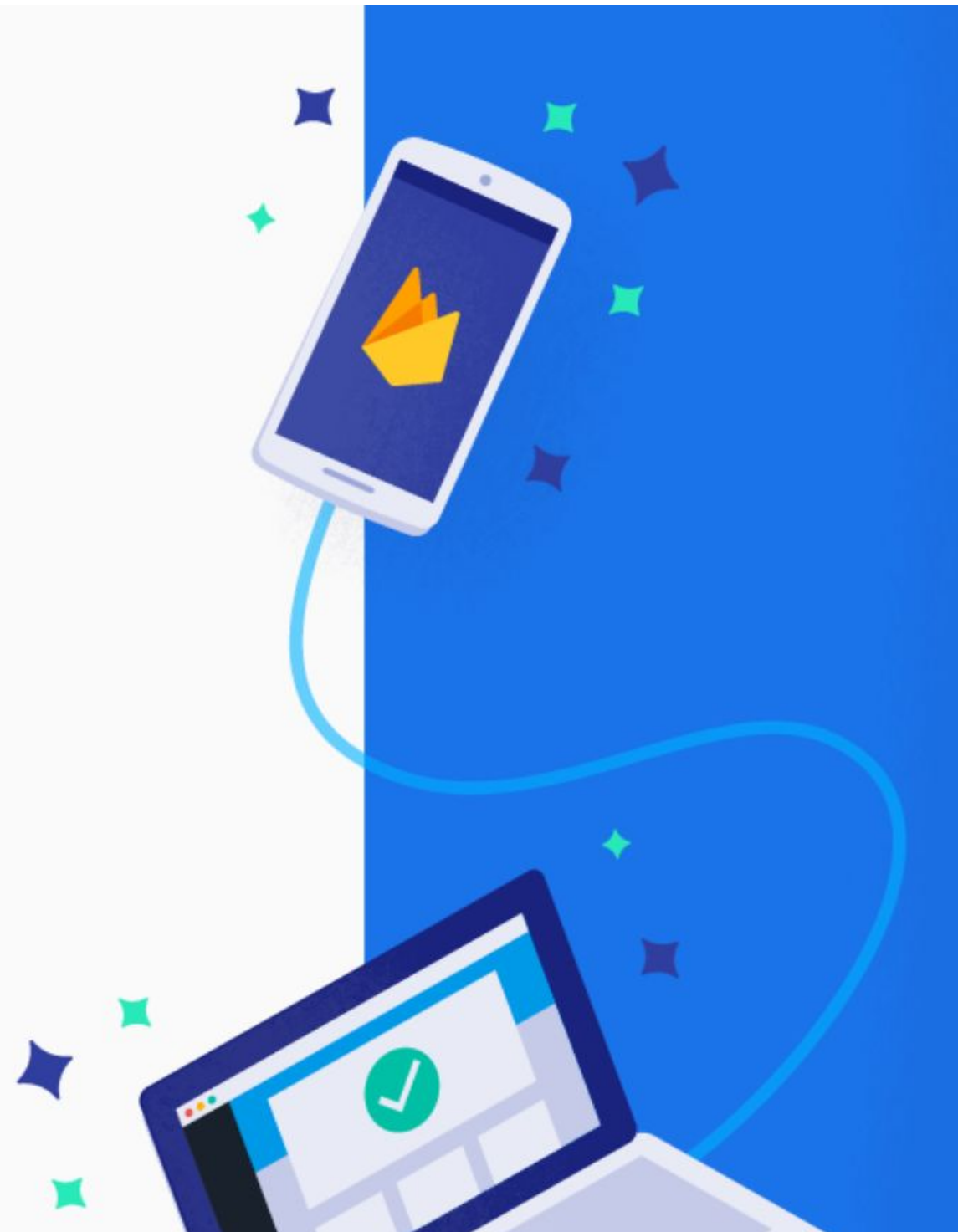
Step - 21

Here you can notice that our app i.e. "MyApp" is added to firebase successfully. it's time to get the server key.

Step - 22

Click on the settings option on right side of Project Overview. 3 options will appear in front of you. click on project setting option

Step - 23

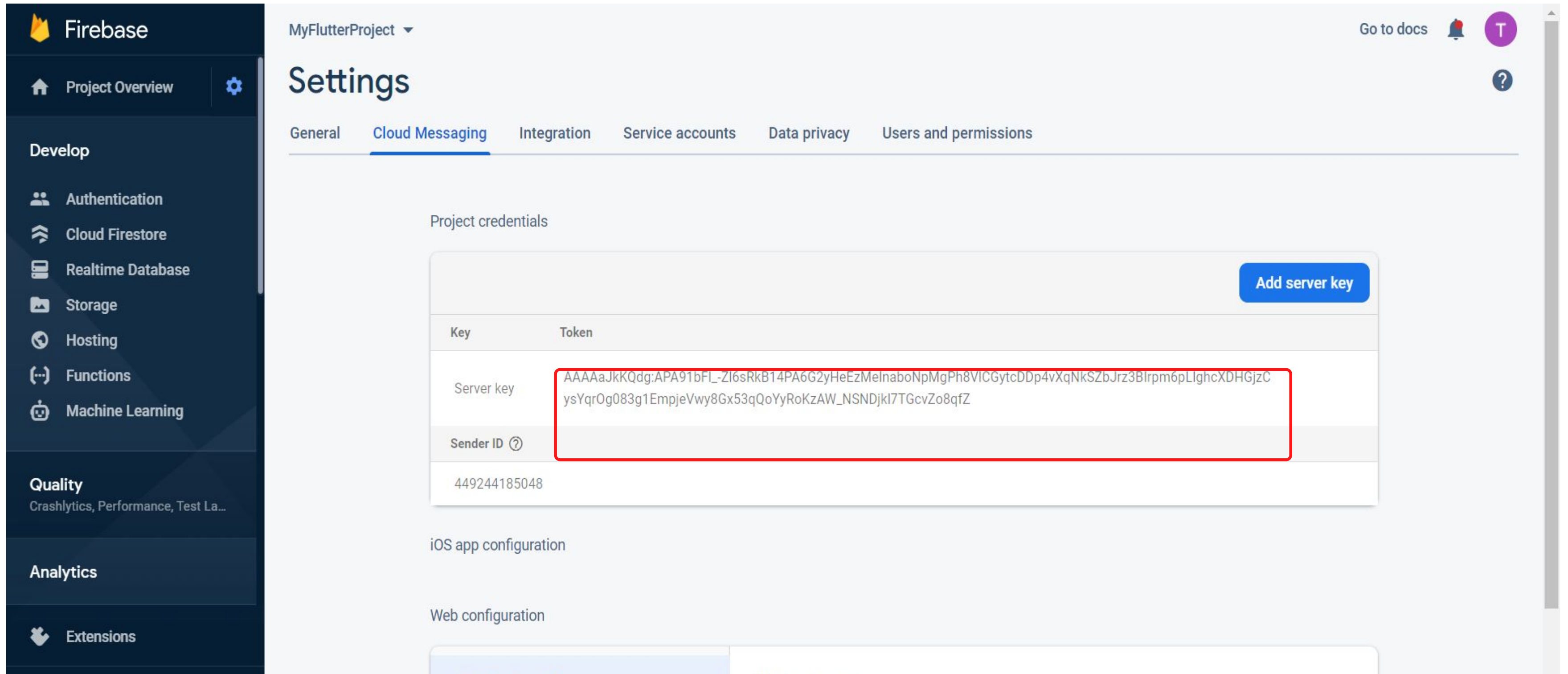This window will appear in front of you. click on cloud messaging tab.

Step - 24

In here get the server key and paste it in the server. After this login to your admin panel.

Step - 25

Open up the admin panel in the browser. Click on Android Notifications

Step - 26

Here paste the server key and Click on update button.

docpro

MENU

🏠 Dashboard

APPOINTMENT

🌐 Appointment

⚗️ Doctors

📄 Patients

🔖 Specialities

⭐ Review

📊 Complain

NOTIFICATION

🔔 Send Notification

🔑 Notification Key

Edit Notification Key

Edit Notification Key

Android Key

AAAA_5FEW7k:APA91bFRJmdJTABGB5AK6SYE7WutCJjmR2cwUGR6oTL1cbEw-l7w3v-ZnxkJNpGtoBDCDkd0webaw8DDEbBQkmgS6QjlIs4Vle10acPLM5ZDRpl2Xk6yOSkQC-HSN04NIHKh6fBwvgKp

Ios Key

AAAA_5FEW7k:APA91bFRJmdJTABGB5AK6SYE7WutCJjmR2cwUGR6oTL1cbEw-l7w3v-ZnxkJNpGtoBDCDkd0webaw8DDEbBQkmgS6QjlIs4Vle10acPLM5ZDRpl2Xk6yOSkQC-HSN04NIHKh6fBwvgKp

Submit

Step - 27

After successfully updating android key, Flutter application is ready to receive notifications for

docpro

Dashboard

Appointment

Doctors

Patients

Specialities

Review

Complain

Send Notification

Notification Key

Edit Notification Key

Edit Notification Key

Notification Key Update Successfully   ✕

Android Key

AAAA_5FEW7k:APA91bFRJmdJTABGB5AK6SYE7WutCJjmR2cwUGR6oTL1cbEw-l7w3v-
ZnxkJNpGtoBDCDkd0webaw8DDEbBQkmgS6QjlIs4Vle10acPLM5ZDRpl2Xk6yOSkQC-HSN04NIHKh6fBwvgKp

Ios Key

abc

Submit

2021 © Appointment Book System   ♥ By Appointment Book System