Facebook Clone

Follow below step to set up Facebook Clone code in ionic 2.

1) **Install Ionic and Cordova**
   - To install Cordova, make sure you have Node.js installed, then run
   - $ sudo npm install -g cordova
   - $ sudo npm install -g ionic

   Note: If you already install ionic and cordova then check it's latest or not

   If is not latest then please update your ionic to rc5.

   > **$ npm uninstall –g cordova**

   > **$ npm uninstall –g ionic**

   And Again install cordova and ionic

2) **Create Ionic 2 Project**

   - $ ionic start FacebookClone tabs --v2
   - Also you can unzip my folder and use it
   - Goto my project folder and

   Add platform

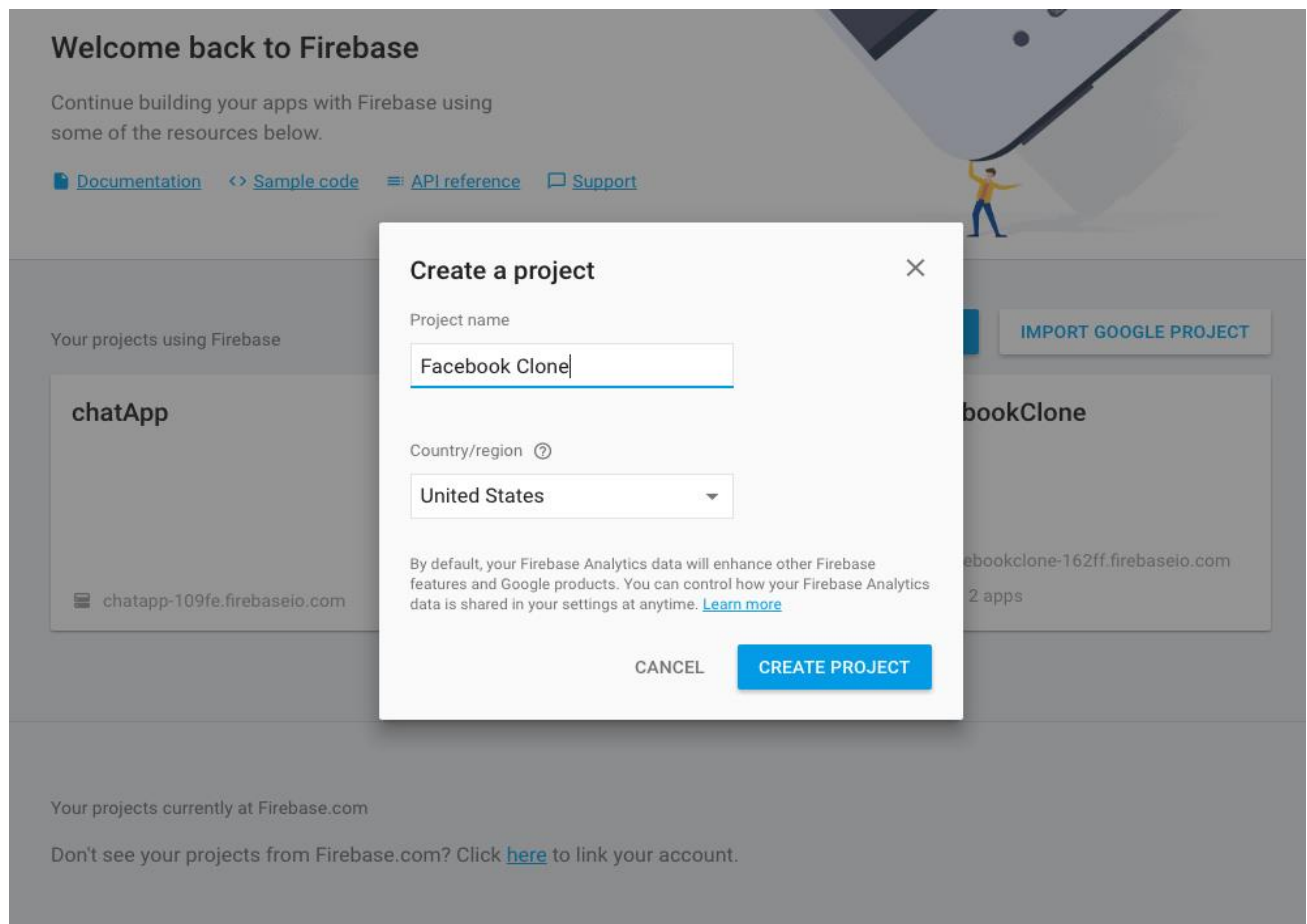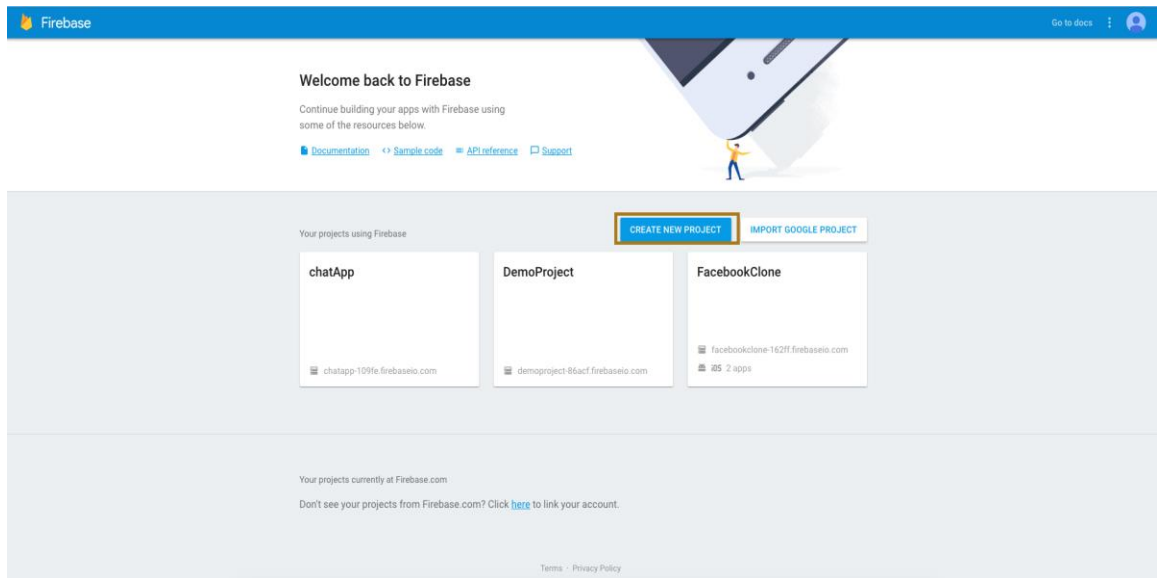   - $ ionic platform add android
   - $ ionic platform add ios
   - **Note:** if about command through permission error then use **sudo** before command**.**
   - Goto to project and run $ npm install command(this command for install npm lib those are use in project)
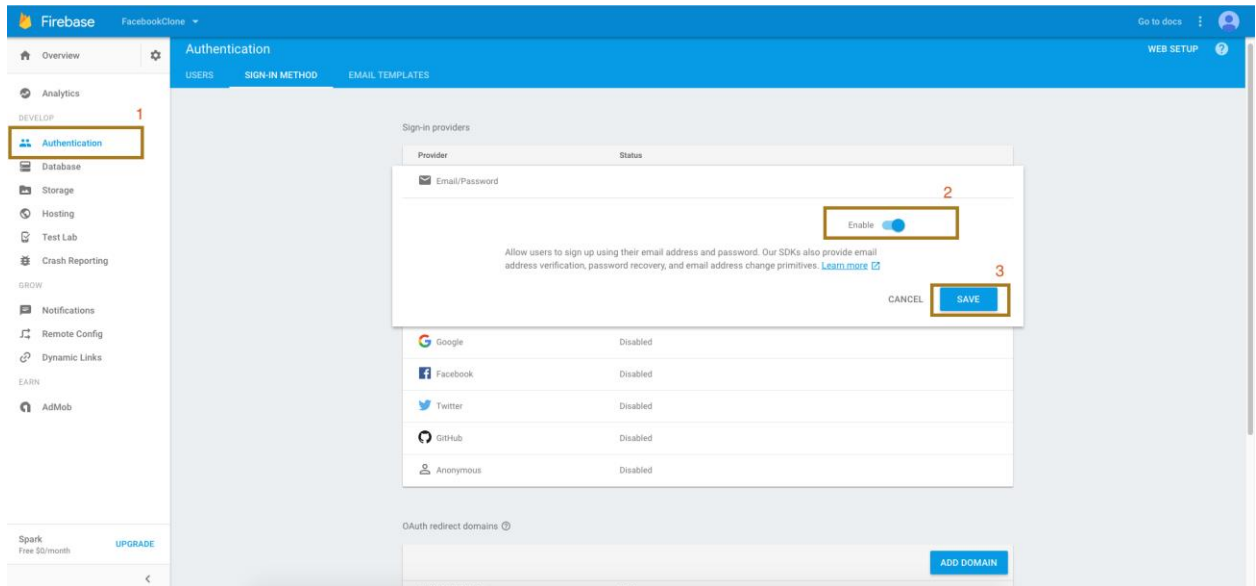
3) **Firebase Setup**

   ❖ **Create Firebase Account**
      ➢ https://firebase.google.com/
      ➢ You can use your gmail account.
   ❖ **Create New App**

Welcome back to Firebase

Continue building your apps with Firebase using some of the resources below.

Documentation <> Sample code ≡ API reference 💬 Support

Your projects using Firebase

CREATE NEW PROJECT   IMPORT GOOGLE PROJECT

chatApp

chatapp-109fe.firebaseio.com

DemoProject

demoproject-86acf.firebaseio.com

FacebookClone

facebookclone-162ff.firebaseio.com
iOS 2 apps

Your projects currently at Firebase.com

Don't see your projects from Firebase.com? Click here to link your account.

Terms · Privacy Policy

Welcome back to Firebase

Continue building your apps with Firebase using some of the resources below.

📄 Documentation   <> Sample code   ≡ API reference   💬 Support

Your projects using Firebase

IMPORT GOOGLE PROJECT

Create a project   ✕

Project name

Facebook Clone

Country/region ⊙

United States   ▼

By default, your Firebase Analytics data will enhance other Firebase features and Google products. You can control how your Firebase Analytics data is shared in your settings at anytime. Learn more

CANCEL   **CREATE PROJECT**

chatApp

chatapp-109fe.firebaseio.com

bookClone

ebookclone-162ff.firebaseio.com

2 apps

Your projects currently at Firebase.com

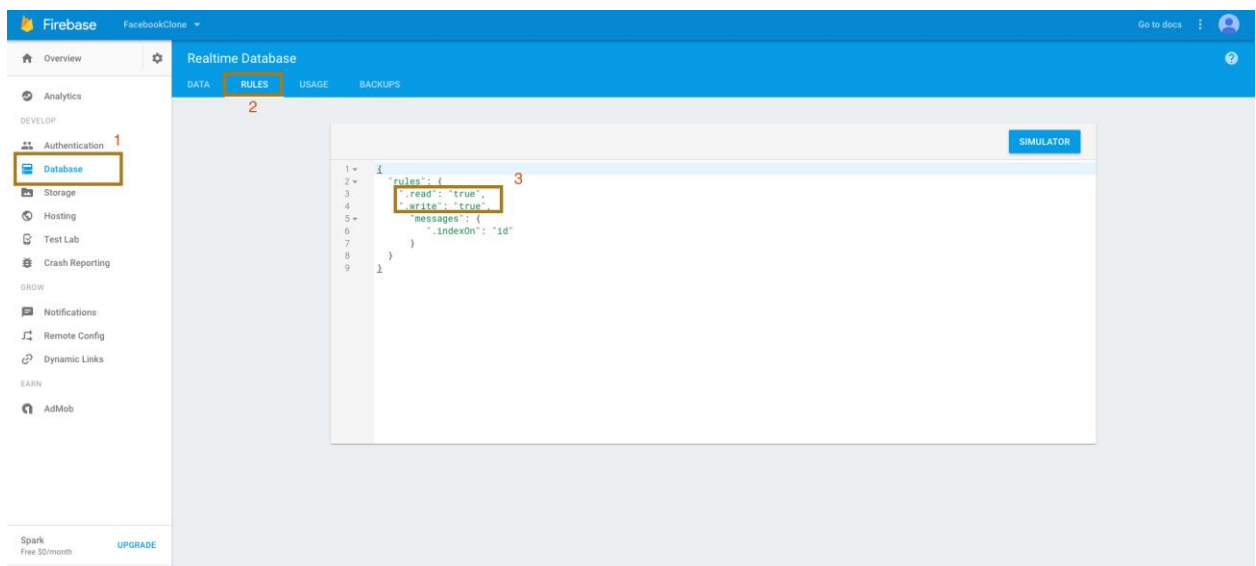Don't see your projects from Firebase.com? Click here to link your account.

❖ **Allow users to sign up using their email address and password.**

➢ Goto Dashboard -> Select Authentication(From sidemenu) -> Change Provider(Email/Password) disable to enable
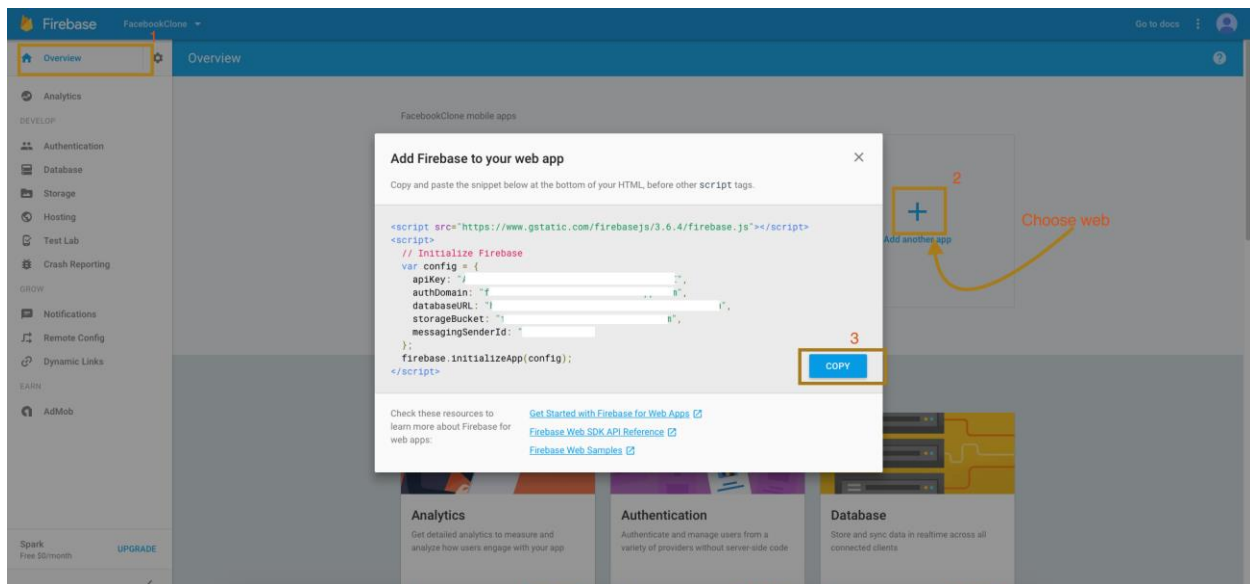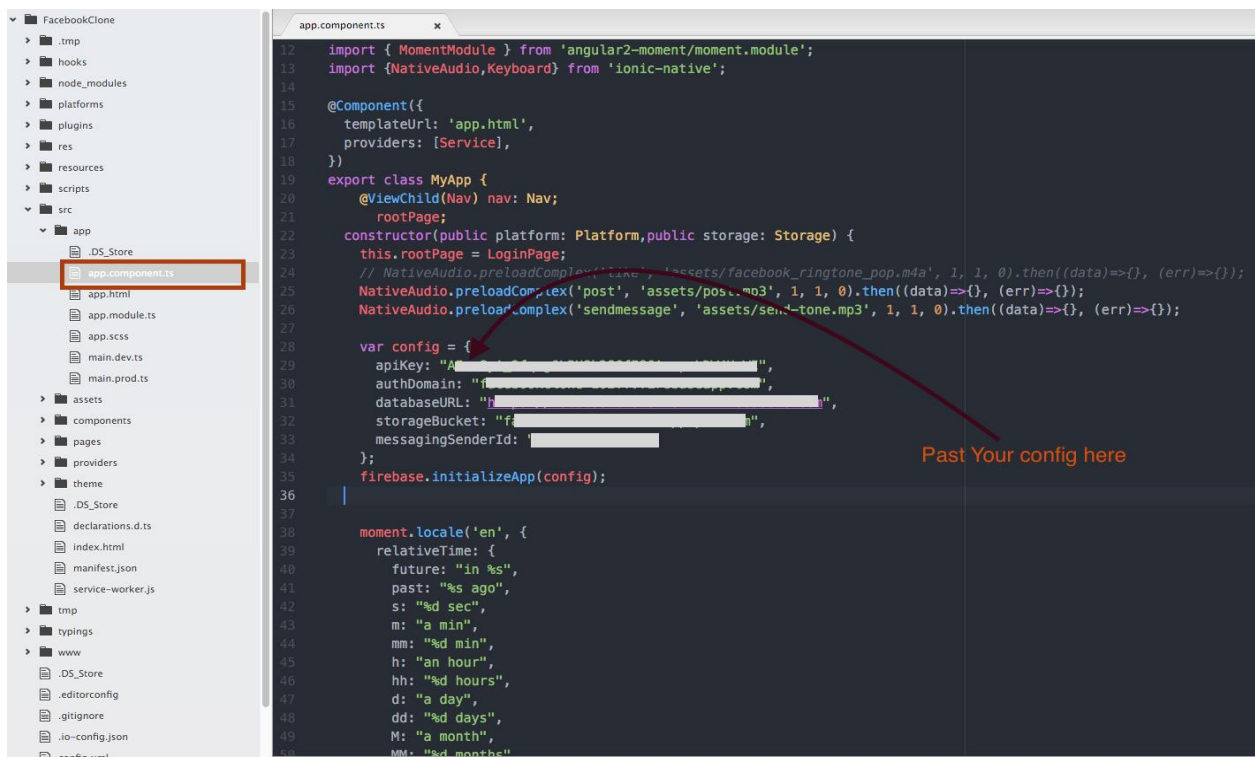

❖ **Set Read and Write Permission**

➢ Goto Dashboard -> Select Database (From left sidemenu) -> select Rules and set **true** .read and .write rules(refer following image)

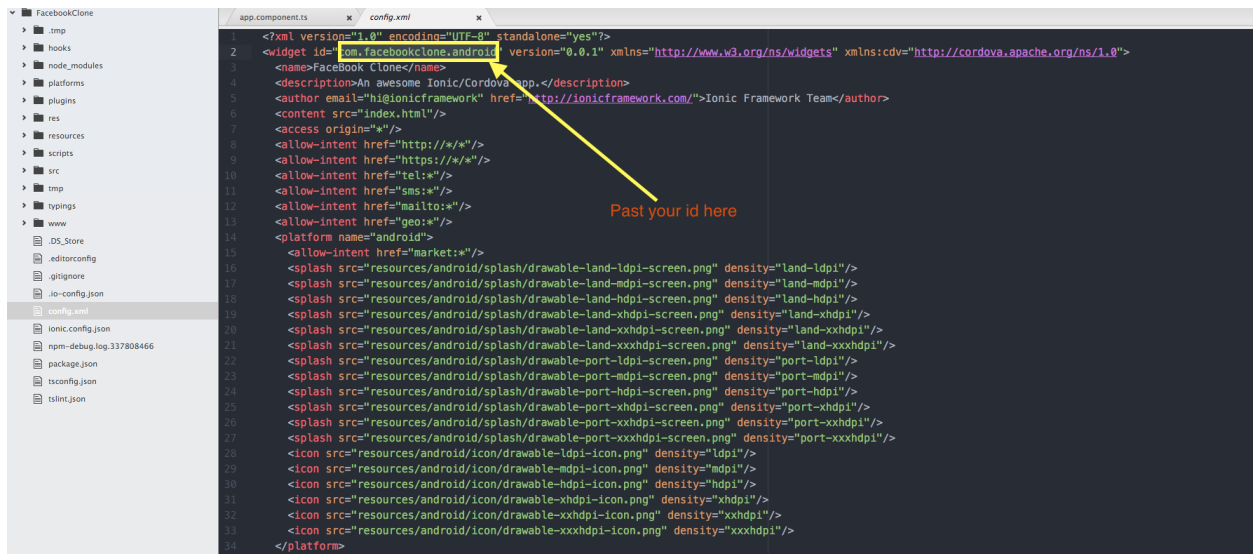❖ **Create New Firebase web App and set apikey in project.**

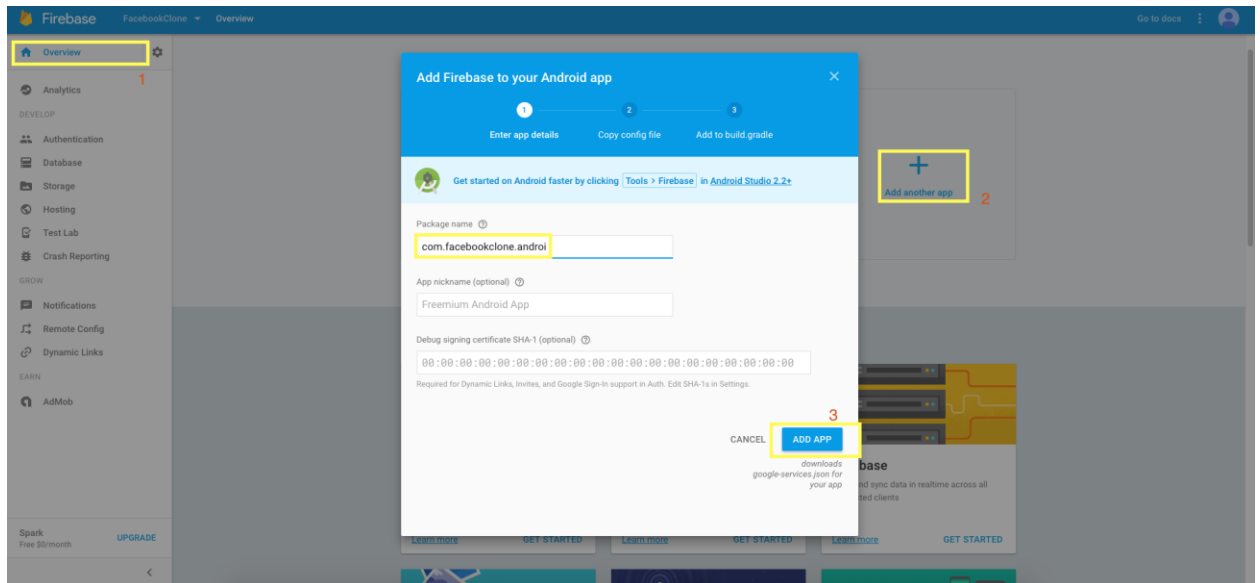➢ Now open app.compontets.ts (Project folder ->src -> app.compontets.ts)
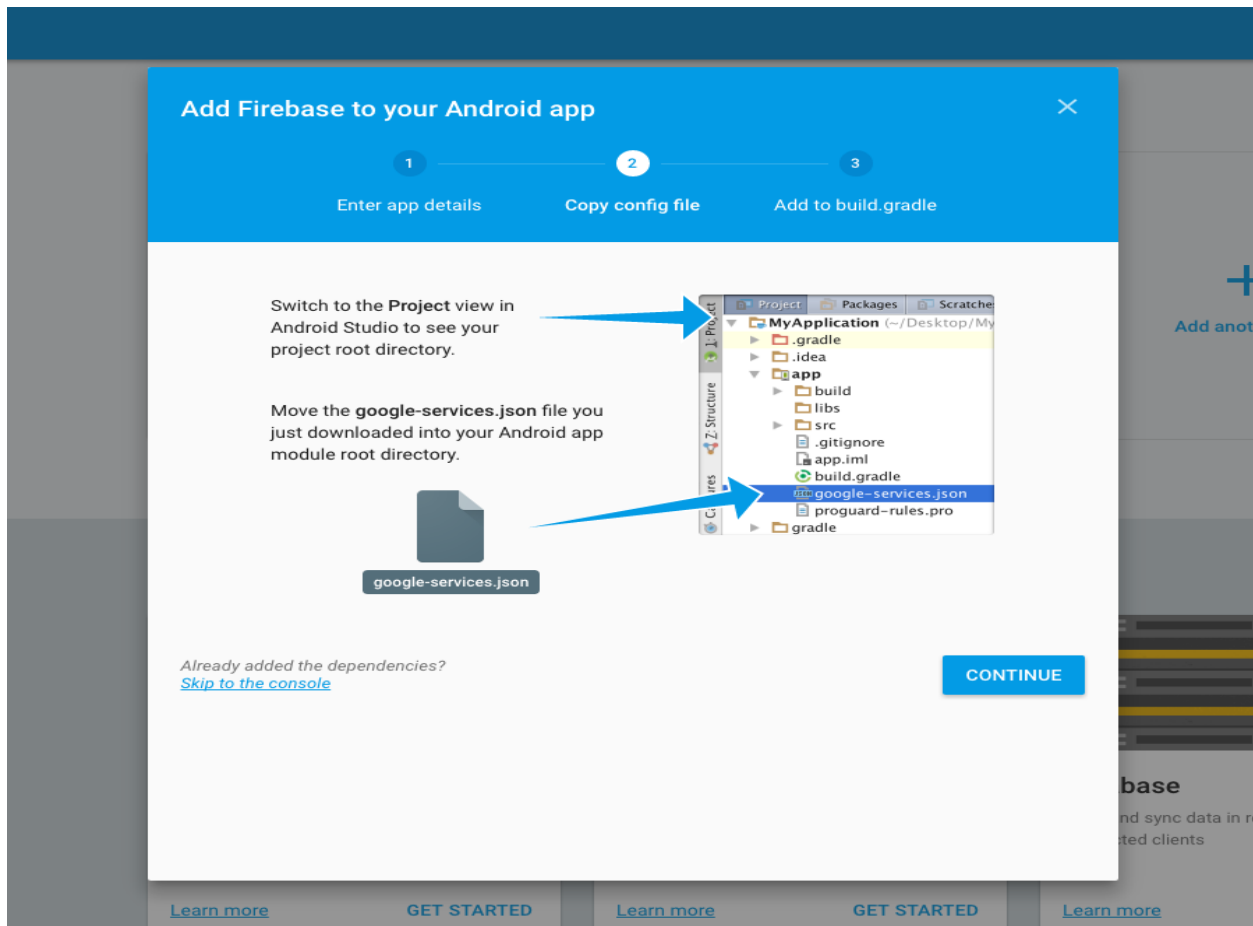

❖ **Change bundle**

➢ Open config.xml file and change bundle id
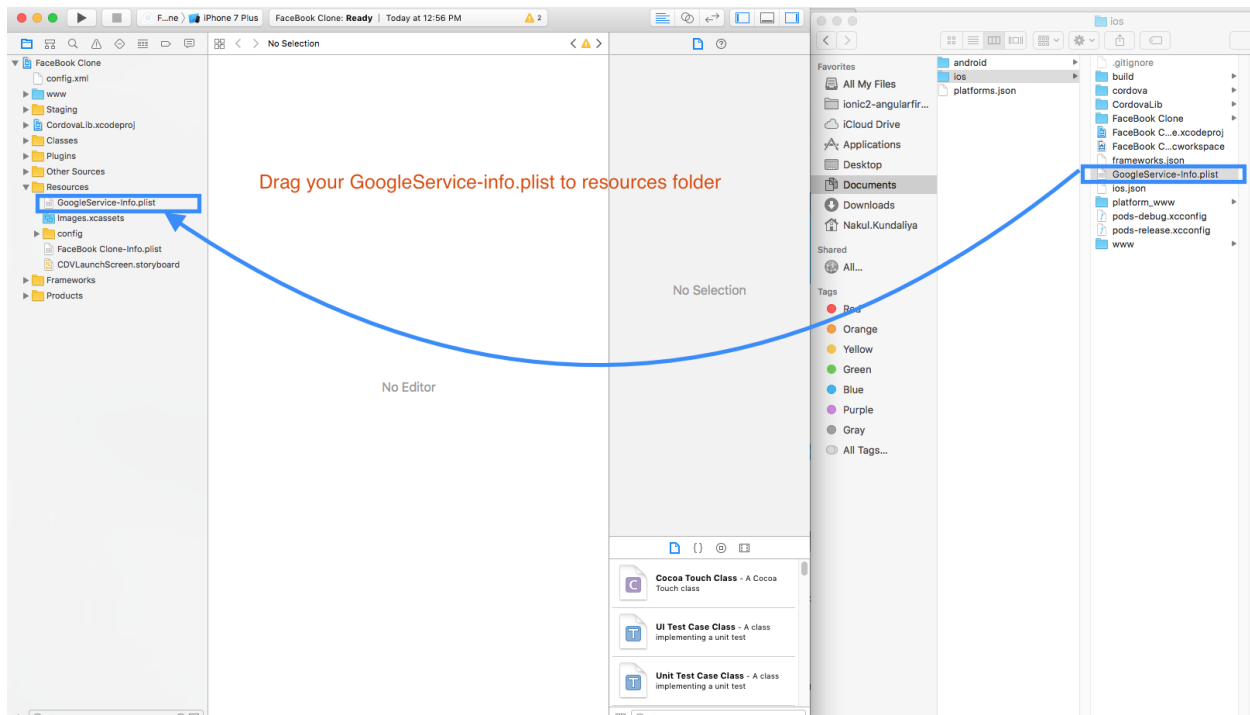
❖ Get bundle for Android from firebase

- Create new app for android as per fig

- Second step automatically download google-services.json
- This file put inside android project (Project Folder -> platforms -> android -> google-services.json)
- **NOTE:** bundle id is must be same

❖ **Get bundle id for IOS from firebase**
- Same as android create new app and enter your bundle id and download GoogleService-info.plist
- Now open code in xcode and follow the below image
- Drag your GoogleService-info.plist from your download folder to resources folder
- **NOTE: this process must be follow every time when you build ios project otherwise you get crash.**

Drag your GoogleService-info.plist to resources folder

4) How to run code

- ❖ **Run on android**
    - Use following command for build app
    - $ ionic run android -l -c -r or $ ionic build android
- ❖ **Run on ios**
    - $ ionic run ios -l -c -r or $ ionic build ios

Note: it may be require sudo for mac and ubuntu user

More detail refer following url

- https://ionicframework.com/docs/guide/testing.html/

5) Following Plugins are used

- Cordova-plugin-actionsheet
- Cordova-plugin-camera
- Cordova-plugin-compat
- Cordova-plugin-console

- Cordova-plugin-device
- Cordova-plugin-fcm
- Cordova-plugin-geolocation
- Cordova-plugin-inappbrowser
- Cordova-plugin-nativeaudio
- Cordova-plugin-splashscreen
- Cordova-plugin-statusbar
- Cordova-plugin-velda-devicefeedback
- Cordova-plugin-whitelist
- Cordova-plugin-x-toast
- Cordova-sqlite-storage
- ionic-plugin-keyboard

  Read ionic doc for more details

  https://ionicframework.com/docs/v2/native/

6) Total Screen

1. Login
2. Register
3. Timeline
4. Add comment
5. Check in
6. All users
7. Recently chats
8. Online user
9. Chatting
10. Notification
11. Notification detail
12. User profile
13. To User profile
14. Edit Profile
15. Update profile image

7) Next Goal in 2nd Version

- Implement scroll to more load data

- share user post

- post video

- friend request

- Push notification when user like your post

- Forgot password

8) Platform

- Android

- IOS

If you like this demo project then please add comment on market. if any query related to setup or you find bug then freely mail on *mayorainfotech@gmail.com*

Thank you