

Facebook Clone

Follow below step to set up Facebook Clone code in ionic3.

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 3 Project

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

Add platform

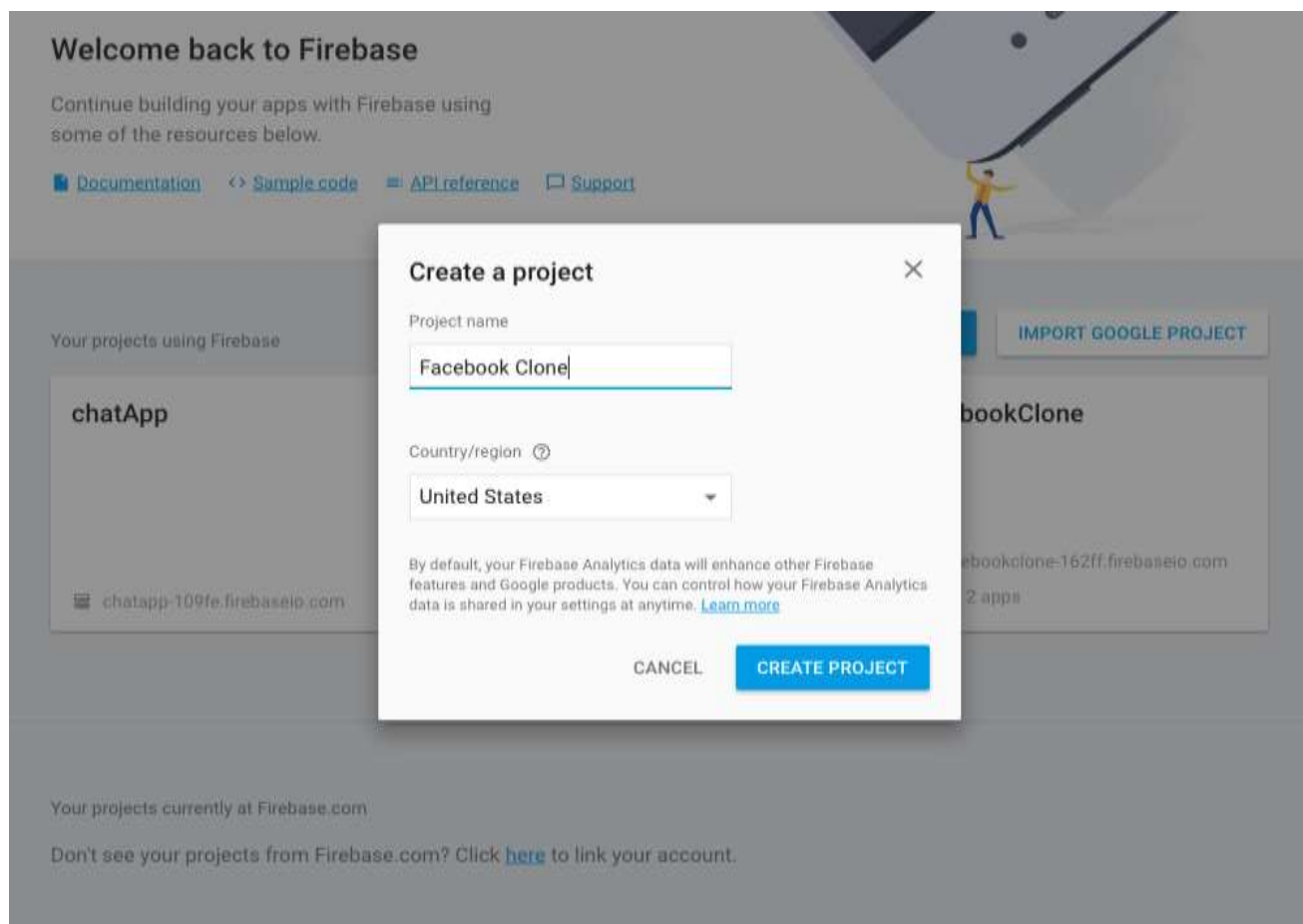
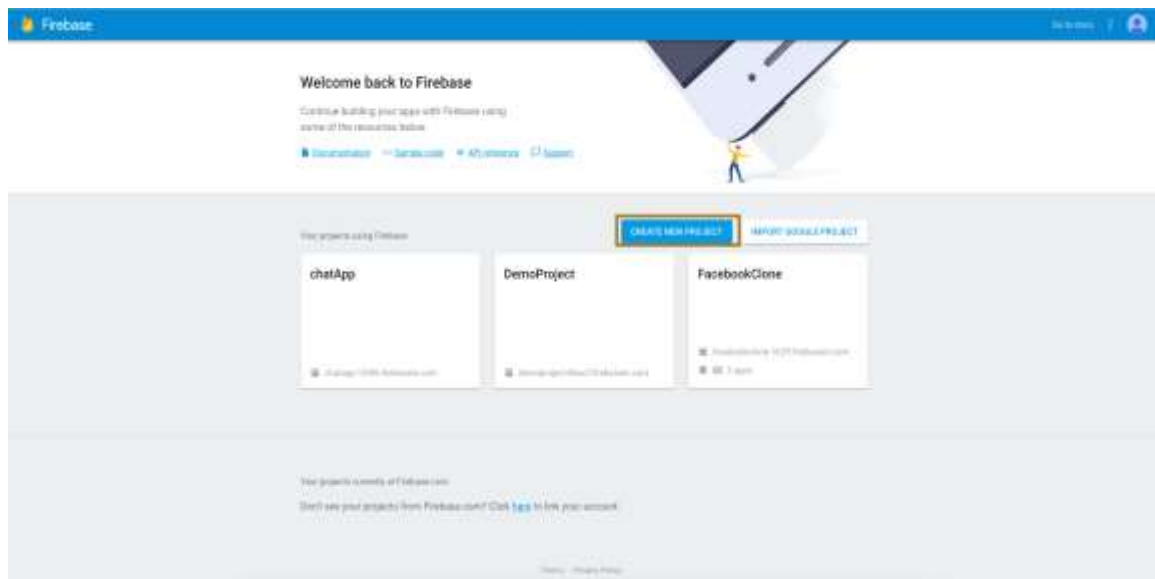
- \$ ionic cordova platform add android
- \$ ionic cordova platform add ios
- **Note:** if about command through permission error then use **sudo** before command.
- Goto to project and run \$ npm install command(this command for install npm lib those are use in project)

3) Firebase Setup

❖ Create Firebase Account

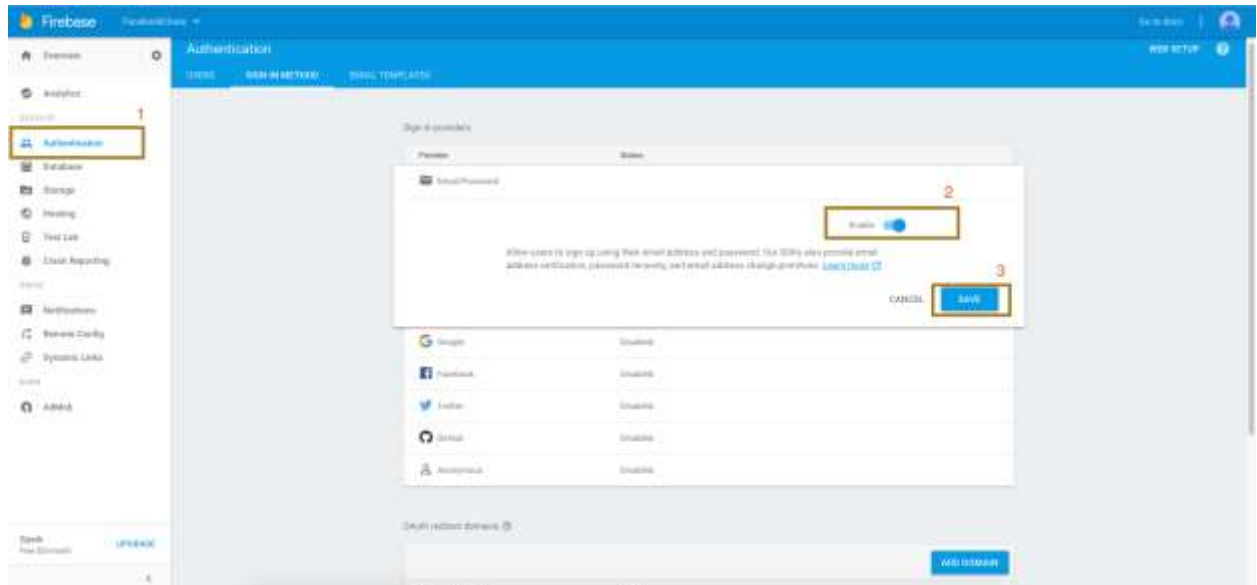
- <https://firebase.google.com/>
- You can use your gmail account.

❖ Create New App



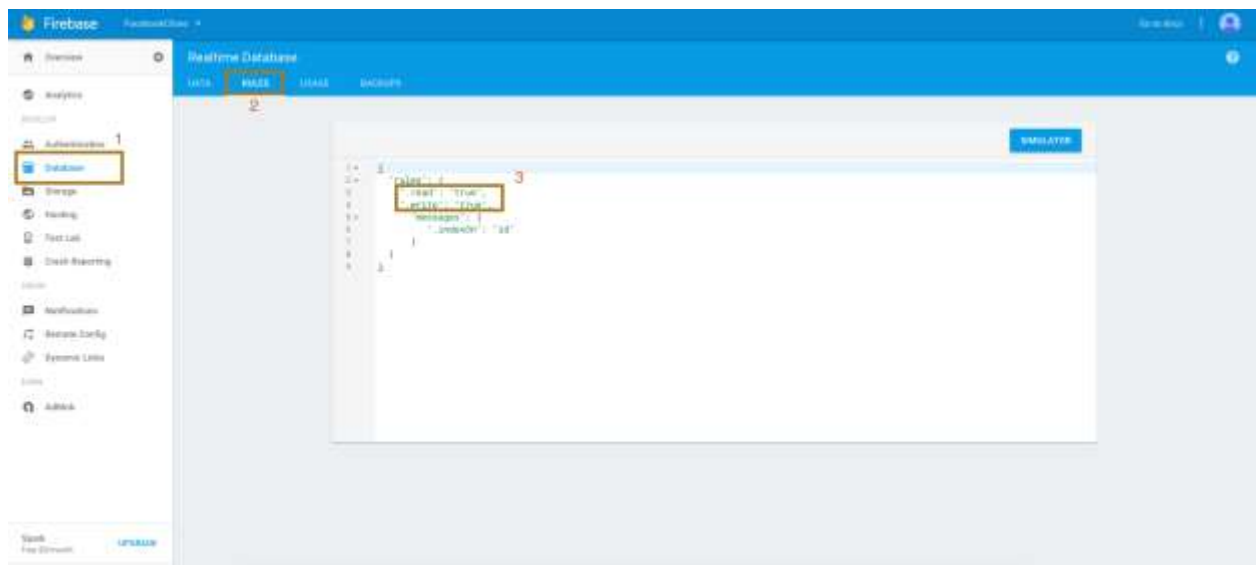
❖ **Allow users to sign up using their email address and password.**

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

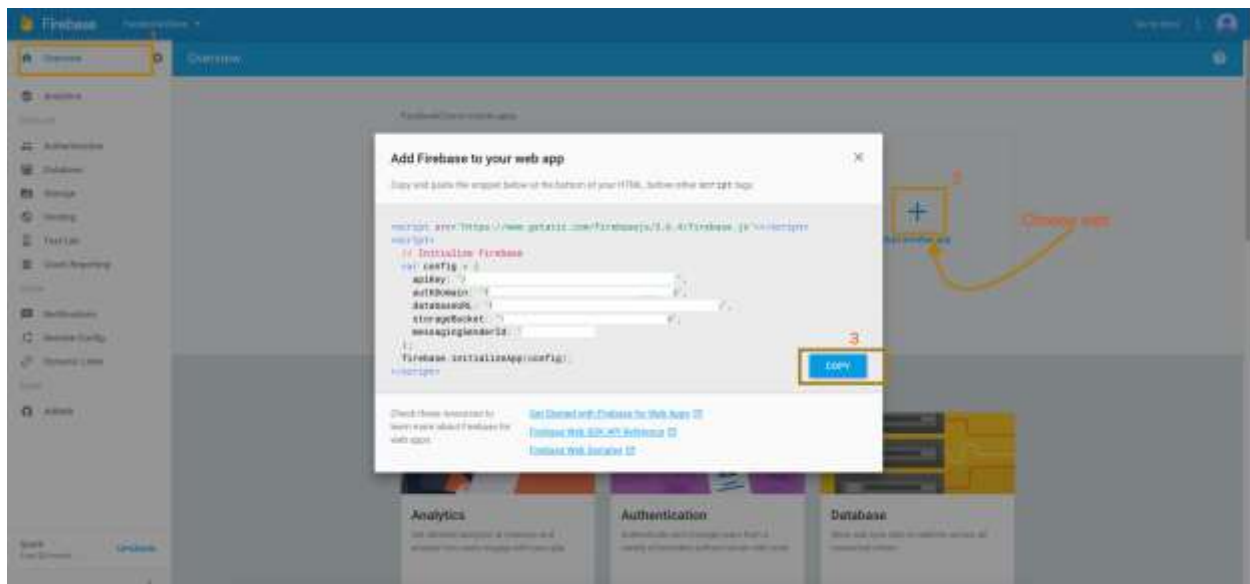


❖ **Set Read and Write Permission**

- 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.**

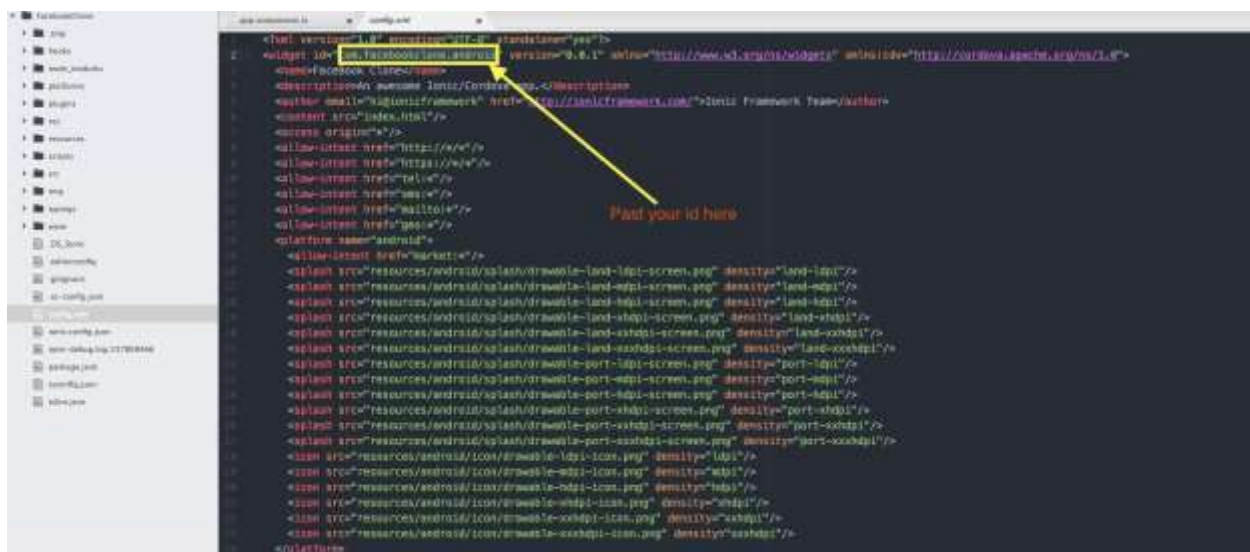


❖ Add firebase key

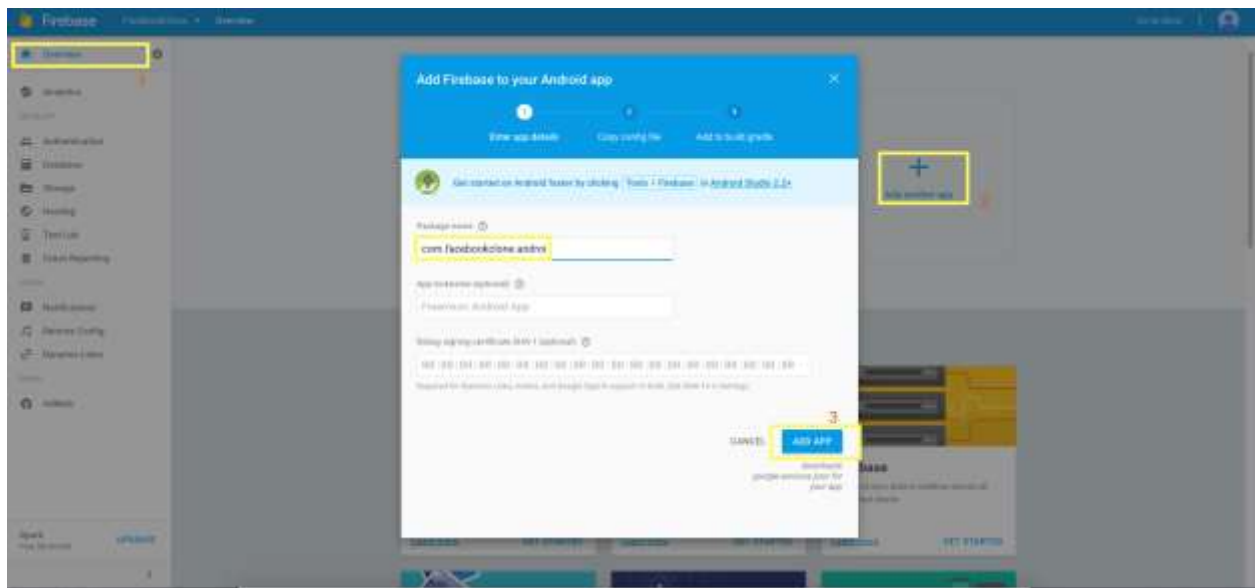
- Open 'login.ts' file (src/login.ts)
- Change all const value
 - Firebaseconfig
 - facebookAppId
 - googleClientId

❖ Change bundle

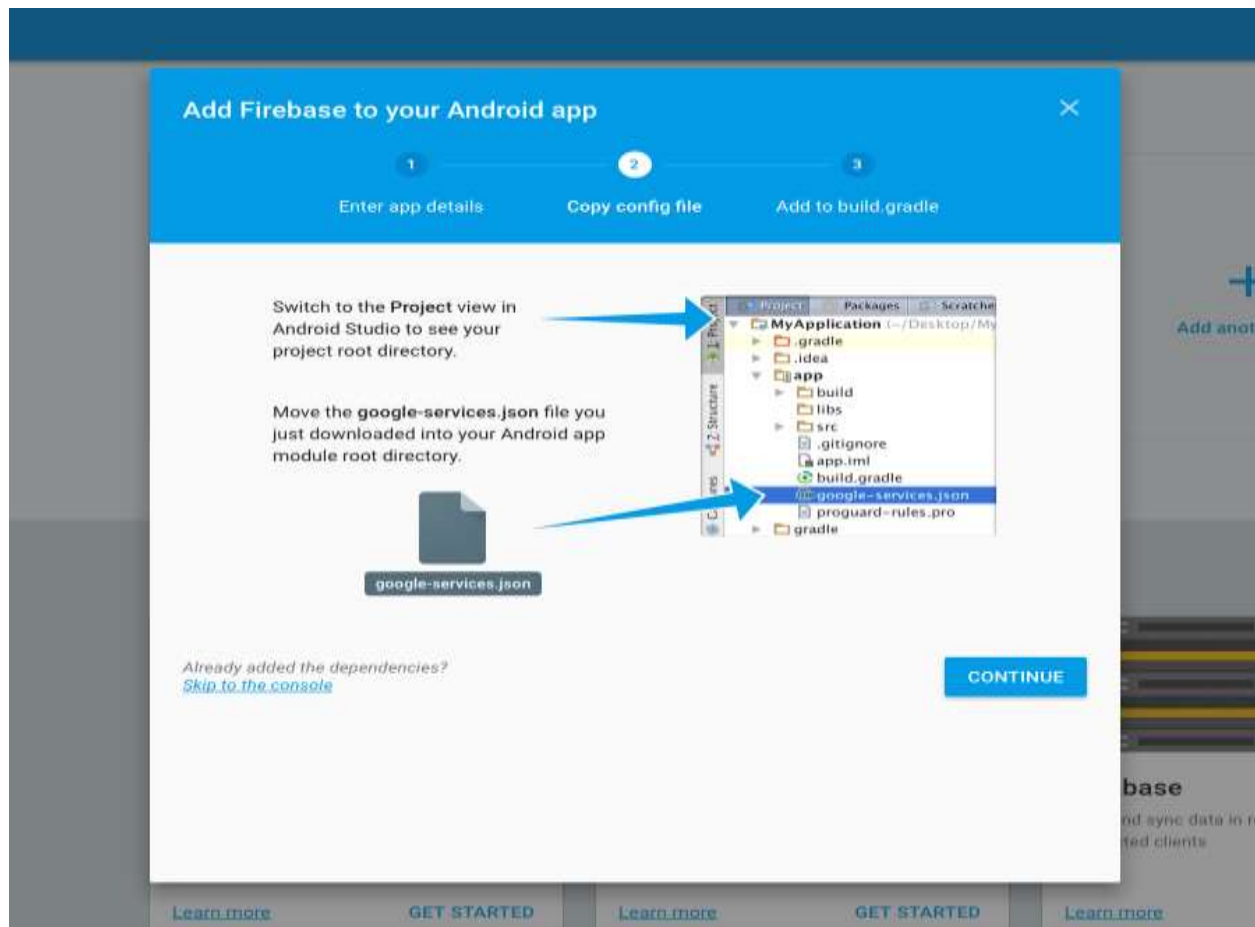
- Open config.xml file and change bundle id



❖ Get bundle for Android from firebase



- Create new app for android as per fig

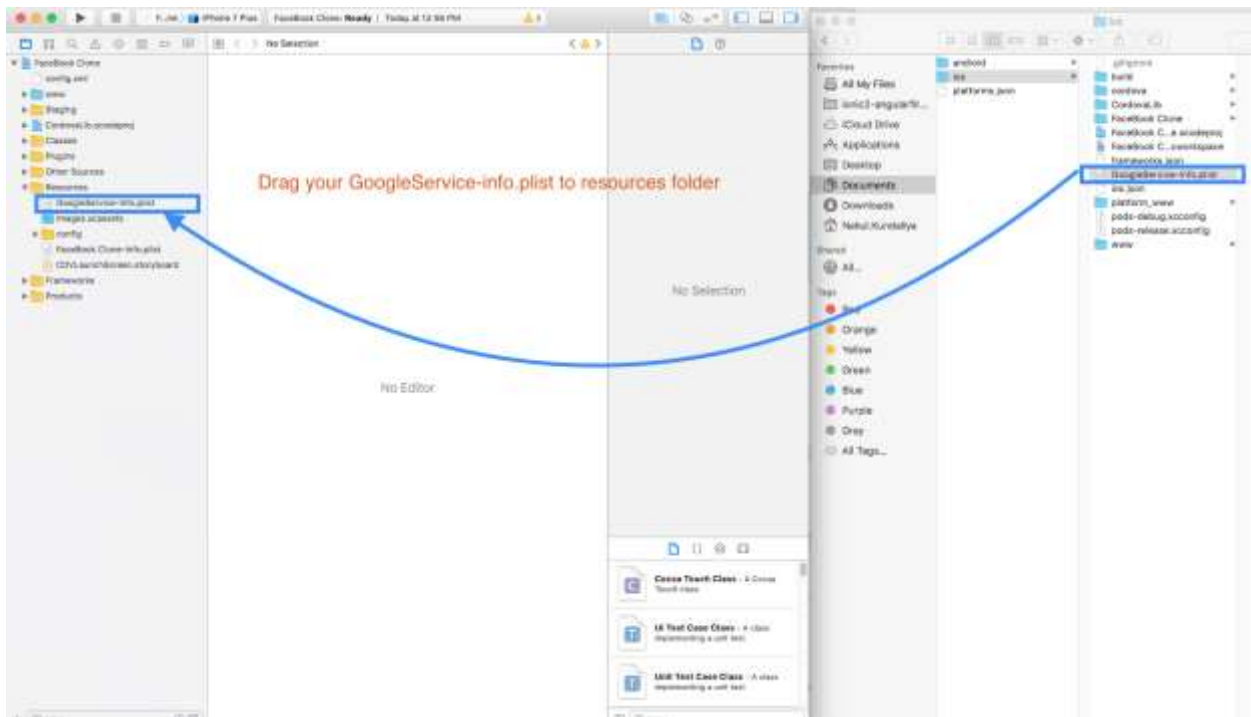


- Second step automatically download google-services.json

- 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.



4) How to run code

❖ Run on android

- Use following command for build app
- `$ ionic cordova run android -l -c -r` or `$ ionic build android`

❖ Run on ios

- `$ ionic cordova 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
16. Friend list
17. Friend request / sent request
18. Friend profile
19. Video Calling
20. Many other screen

7) Next Goal in 3rd Version

1. Notification
2. Video uploading
3. Add Smiley

Note : If you have any suggestion please mail us.

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