

Please follow these bellow steps in the mentioned sequence for quick & easy installation:

BASIC SETUP ON YOUR COMPUTER

1. Make sure you have installed any flutter 2.0+ version. (App Built on **flutter 2.2.1** & **dart 2.13.1**).
2. Get ready with your unique **app name & app package name** `com.yourcompanyname.admin.appname`
3. **Download** the Fiberchat Admin app **source code**. Open the source code in your preferred Code Editor. We recommend to use **VS Code** especially for flutter apps.
4. Replace the default package name **com.fiberchat.admin.fiberchatadmin**
5. with your app package name- **com.yourcompanyname.admin.appname** inside the *source code/android* folder.
6. **Replace** the **fiberchat_admin** label wherever available in the source code (*except in pubspec.yaml & import statements inside every .dart file in the lib folder. No need to change there*)

FIREBASE SETUP

7. Go to firebase official site : <https://firebase.google.com/>
8. **Login** using your desired google account.
9. **Select the Existing Project** which you already have created for the user app. *(If you haven't built the user app yet, it is recommended to build the user app first and then continue installing admin app)*
10. Go to firebase console and **upgrade the billing account** to **PAY AS YOU GO** located at the bottom right in the console if you have not done yet. Provide your card information & verify the details to enable billing account *(Billing account is required so that cloud functions can be uploaded in later stages)*
11. Again go to Firebase Console,
Register your Admin android OR iOS apps using your app package name by clicking on the android & ios icon in the Firebase console and simply proceeding by clicking on next>next>done button.
12. Once both apps are displayed in Firebase console. Go to **project settings** at the top left and select the **Android Admin app** section: **SHA1 & SHA256** fingerprint fields.
13. You need to have your **debug & release key** generated from your **computer** for the app to connect with firebase. Simply copy and paste those **SHA1 & SHA256** fingerprints code in the previous step for both debug & release mode .
14. Go to **Authentication** section in Firebase console from the left menu, **enable** the **Phone authentication** (for users) and **anonymous** authentication (for admin). *Skip this if already done.*
15. Your admin app is successfully linked to Firebase & user app.
16. Head over to the terminal in the code editor, and login to your Firebase account using **Firebase CLI** so that you can upload the Cloud Functions to make the notification feature work for admin app. You can

follow these steps: *Add firebase project id to sourcecode/.firebasearc file. Run below commands:*

firebase login

firebase deploy --only functions

Wait for the process to complete & You will see a *successfully deployed* message in the terminal. Push notification feature is successfully integrated.

ANDROID APP SETUP

17. Execute the command:

flutter clean

flutter pub get

18. Download the **google-services.json** file from the *FirebaseConsole>ProjectSettings>Android Admin App*. Paste the downloaded file inside *sourcecode/android/app/google-services.json*

19. Replace the logo located in the *sourcecode/assets* folder with your logo. Make sure file name & extension should remain the same as it is provided.

20. Set the **app version** number in *sourcecode/pubspec.yaml* & *android/local.properties* file.

21. **Set the information** required in the *sourcecode/lib/COMMONS/Configs/App_constant.dart* file.

22. Execute the command: ***flutter pub run flutter_launcher_icons:main*** to set the app icon for iOS automatically from *assets/RESKIN_ITEMS/appicon.jpg*. Also replace the “png” file located in *assets/RESKIN_ITEMS/appicon.png*

23. Android app is ready to build.

24. For testing/debugging the app, use command:

flutter clean

flutter run --debug

25. For building the release.apk file, use command:

flutter clean

flutter run --release

Default login credentials for Admin App:

Initial admin login id = **admin**

Initial admin login Password = **admin**

Initial admin login pin = **123456**

Please change the above credentials after login for the first time in Admin app & Set your desired credentials.

IOS SETUP

26. In the terminal, run following command:

flutter clean

flutter pub get

cd ios

pod install

pod update repo *(run only if the above commands throws any error)*

27. Open the ios folder present in the source code in Xcode.

28. Now, Download the Google Services file from the iOS Admin App. Paste the downloaded file inside *sourcecode/assets/ios_assets/GoogleServices-Info.plist*

29. Open Xcode, right click on **runner** > **Add files to runner**, then select the **GoogleServices-Info.plist** & **ringtone.caf** present in the path *sourcecode/assets/ios_assets/* and click **Add**.

30. Check if all the app name, package name, version is correct in the **General** Section & Make sure your *bundle name* is showing correct in **Info** section in the Xcode.

31. Go to **Signing & Capabilities**, select or add the *team & bundle identifier*. Also make sure, *background fetch* & *Remote notification* is ticked in the Background Modes & Push notification is also enabled.

32. Run on any iOS device (better if real device)

33. Got to> **product** and click these one after another:

Clean build folder

Build

Archive

34. You are almost ready to go. Please refer this official link for detailed integration of iOS app in Firebase & publishing it to Apple store connect. However, we do not recommend to publish the Admin app.

<https://flutter.dev/docs/deployment/ios>

For more detailed information, please refer the documentation file provided in the Source Code package.