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**Firebase Auth Android**

# Get Started with Firebase Authentication.

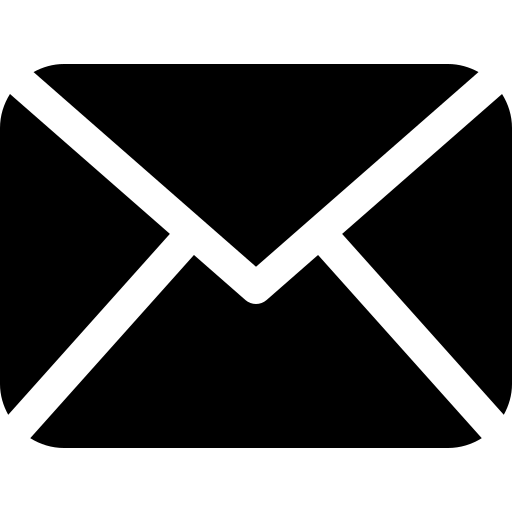
* Email
* Phone Number
* Facebook
* Gmail
* Anonymous

Follow this Steps**.**

* Create a project in Firebase

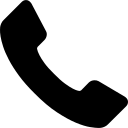
1. [Install the Firebase SDK](https://firebase.google.com/docs/ios/setup).
2. In the [Firebase console](https://console.firebase.google.com/), add your app to your Firebase project.

* In Android Project include one file called google-services.json.
* Import Firebase in your Project file.

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**Email Auth**

* **Follow below steps for email authentication.**
* Import Firebase in your app.
* Connect your app with firebase [Firebase console](https://console.firebase.google.com/).
* Enable Email/Password sign-in:
* In the [Firebase console](https://console.firebase.google.com/), open the **Auth** section.
* On the **Sign in method** tab, enable the **Email/password** sign-in method and click save.
* create and login with email copy code from below file. **Mail\_fragment.java**

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**Phone Number**

* **Follow below steps for phone authentication.**
* Import Firebase in your app.
* Connect your app with firebase Firebase console.
* In the [Firebase console](https://console.firebase.google.com/), open the **Authentication** section.
* On the **Sign-in Method** page, enable the **Phone Number** sign-in method.
* Firebase's phone number sign-in request quota is high enough that most apps won't be affected. However, if you need to sign in a very high volume of users with phone authentication, you might need to upgrade your pricing plan. See the [pricing](https://firebase.google.com/pricing/) page.
* create and login with email copy code from below file. **phone\_fragment.java**

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**Facebook**

* **Follow below steps for facebook authentication.**
* In the [Firebase console](https://console.firebase.google.com/), open the Auth section.
* On the Sign in method tab, enable the Facebook sign-in method and specify the App ID and App Secret you got from Facebook.
* Then, make sure your OAuth redirect URI (e.g. my-app-12345.firebaseapp.com/\_\_/auth/handler) is listed as one of your OAuth redirect URIs in your Facebook app's settings page on the [Facebook for Developers](https://developers.facebook.com/) site in the Product Settings > Facebook Login config.
* create and login with email copy code from below file.

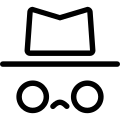
**facebook\_fragment.java**

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**Gmail**

* **Follow below steps for gmail authentication.**
* Import Firebase in your app.
* Connect your app with firebase Firebase console.
* In the [Firebase console](https://console.firebase.google.com/), open the **Authentication** section.
* anIf you haven't yet specified your app's SHA-1 fingerprint, do so from the [Settings page](https://console.firebase.google.com/project/_/settings/general/) of the Firebase console. See [Authenticating Your Client](https://developers.google.com/android/guides/client-auth) for details on how to get your app's SHA-1 fingerprint.
* Enable Google Sign-In in the Firebase console:
  + In the [Firebase console](https://console.firebase.google.com/), open the **Auth** section.
  + On the **Sign in method** tab, enable the **Google** sign-in method and click **Save**.
* create and login with email copy code from below file.

**Gmail\_fragment.java**

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**Anonymous**

* **Follow below steps for Anonymous authentication.**
* If you haven't yet connected your app to your Firebase project, do so from the [Firebase console](https://console.firebase.google.com/).
* Enable anonymous auth:
  1. In the [Firebase console](https://console.firebase.google.com/), open the **Auth** section.
  2. On the **Sign-in Methods** page, enable the **Anonymous** sign-in method.
* create and login with email copy code from below file.

**anonymously\_fragment.java**