Mintly

Frontend Setup Guide
for Android Version

(Single App License)

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Android Studio Installation

If you don't have Android Studio installed on your computer visit:

https://developer.android.com/studio

Install latest Android Studio. There should not be any problem with the version above 4.2.1

This app was created on:

Android studio v4.2.1

Gradle v6.7.1

GS v4.3.8

JDK 11

Android Project Setup

1) Extract Zip file

2) Start **Android Studio**

3) Click on **Open an existing Android Studio project**
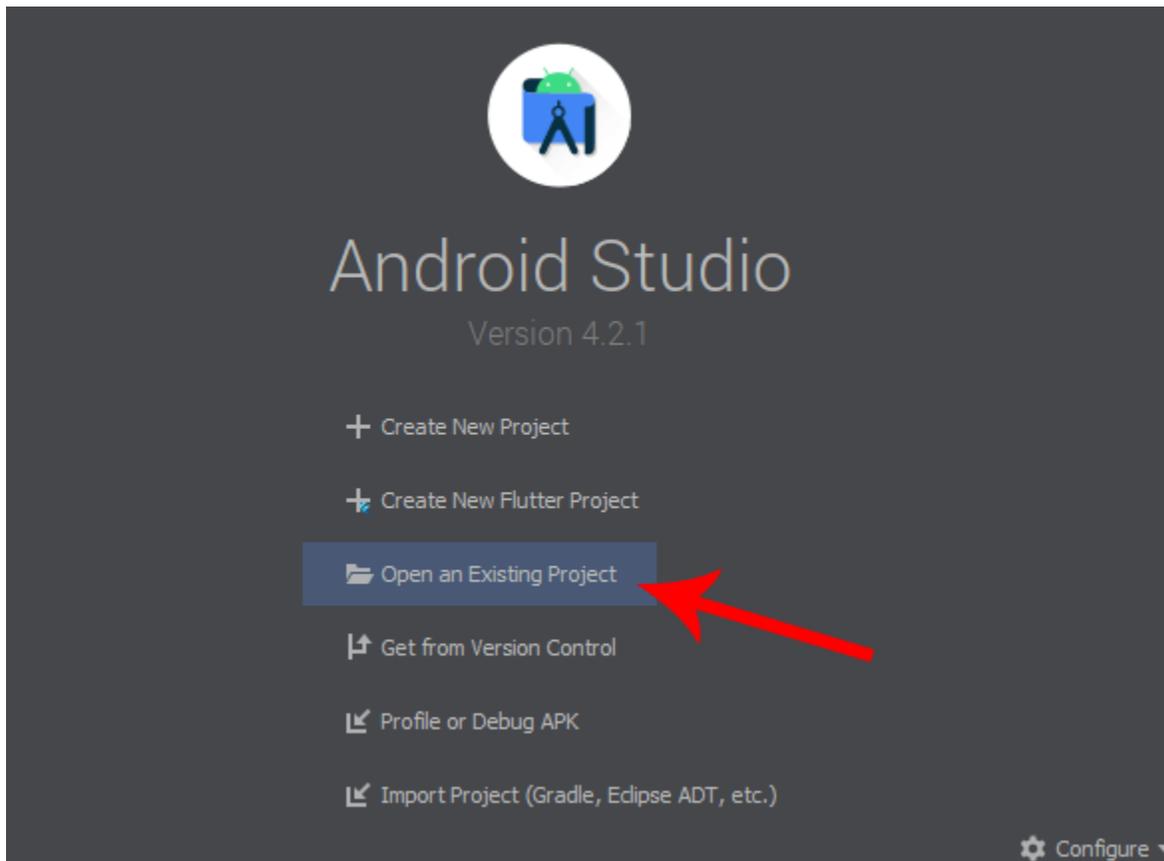
4) Locate your project directory.

The folder should be named with **Mintly**
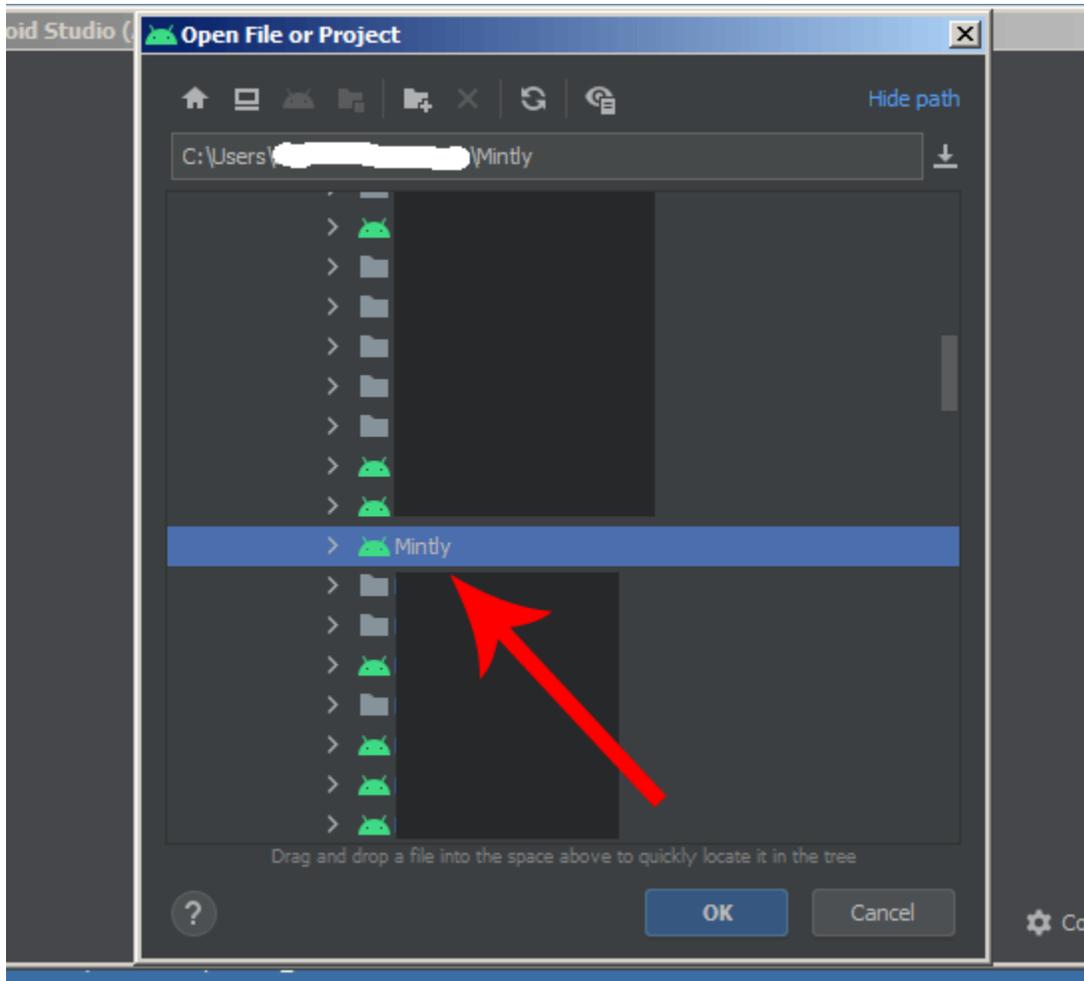
5) Change **Settings** xml according to your app and SDK based ad network configuration (Most of the configurations are in your backend):

    * Change the value of **app_package_name**

    * Change domain name

    * Change host name (it's your domain name without **https://**)

6) Then change the default package name *org.mintsoft.mintly* with your own package name. There is a tutorial on YouTube how to change package name: **https://www.youtube.com/watch?v=IFOKc4gUHcs**

7) As for signing your application for the **release version** follow the procedure: https://developer.android.com/studio/publish/app-signing

Or look at the YouTube video:
https://www.youtube.com/watch?v=DkIUp1UMfK0

Customization / Editing

You can find our logo in these marked folders to change Splash logo, App icon, Push message icon etc:

Name ^	Date modified	Type	Size
anim	26-Jun-21 4:20 PM	File folder	
drawable	26-Jun-21 4:20 PM	File folder	
drawable-hdpi	26-Jun-21 4:20 PM	File folder	
drawable-mdpi	26-Jun-21 4:20 PM	File folder	
drawable-nodpi	26-Jun-21 4:20 PM	File folder	
drawable-v24	23-Jun-21 11:27 AM	File folder	
drawable-xhdpi	26-Jun-21 4:20 PM	File folder	
drawable-xxhdpi	26-Jun-21 4:20 PM	File folder	
drawable-xxxhdpi	26-Jun-21 4:20 PM	File folder	
font	26-Jun-21 4:20 PM	File folder	
layout	26-Jun-21 4:20 PM	File folder	
mipmap-hdpi	26-Jun-21 4:20 PM	File folder	
mipmap-mdpi	26-Jun-21 4:20 PM	File folder	
mipmap-xhdpi	26-Jun-21 4:20 PM	File folder	
mipmap-xxhdpi	26-Jun-21 4:20 PM	File folder	
mipmap-xxxhdpi	26-Jun-21 4:20 PM	File folder	
raw	26-Jun-21 4:20 PM	File folder	
values	26-Jun-21 4:20 PM	File folder	
values-v23	02-Sep-20 3:54 PM	File folder	

Create Firebase project

You need to create Firebase project for your application for multi-purpose operations such as FCM, Referral link, Google login, SMS verification system etc.

1) Go to https://console.firebase.google.com and create or select your existing project or create one if there is none associated with your project.
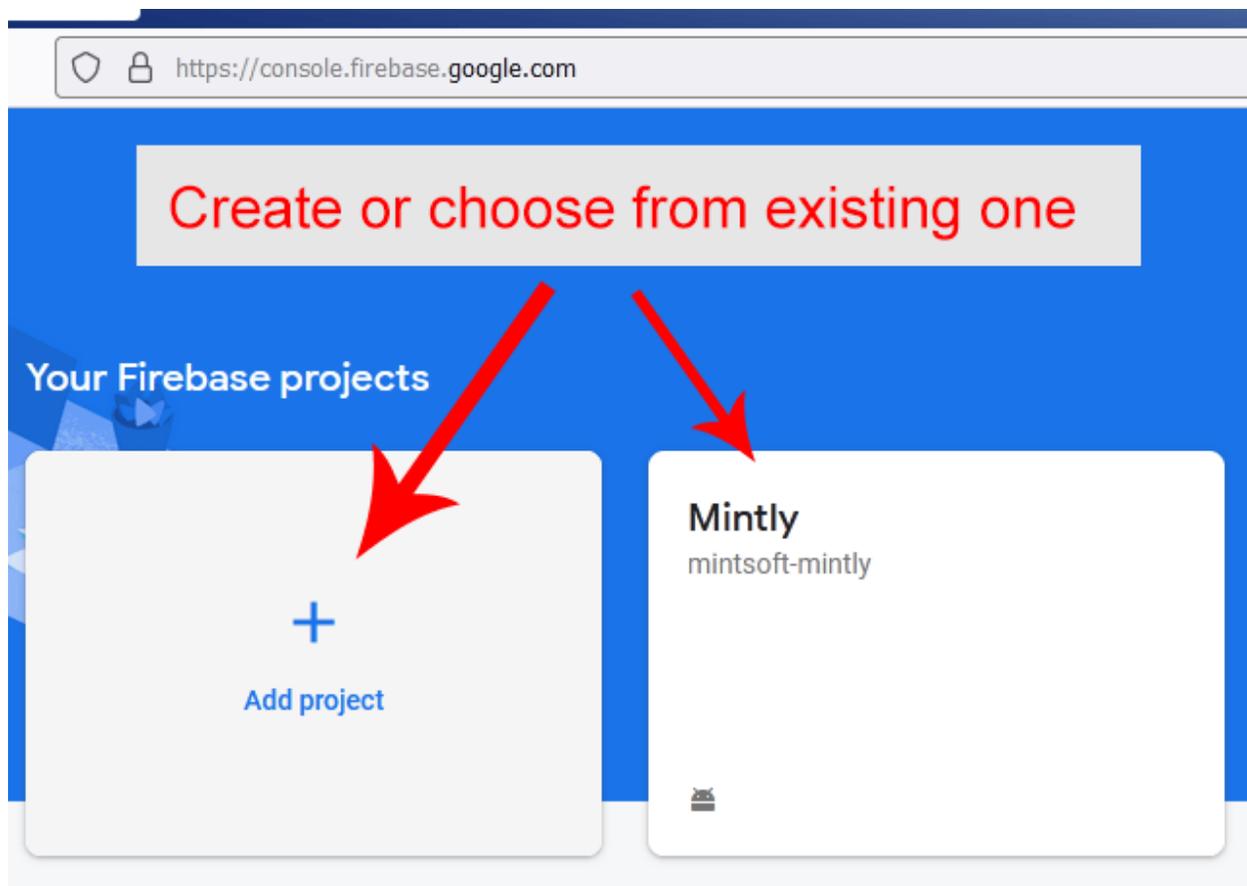
2) Enter a project name you like then follow Google's step-by-step procedure:
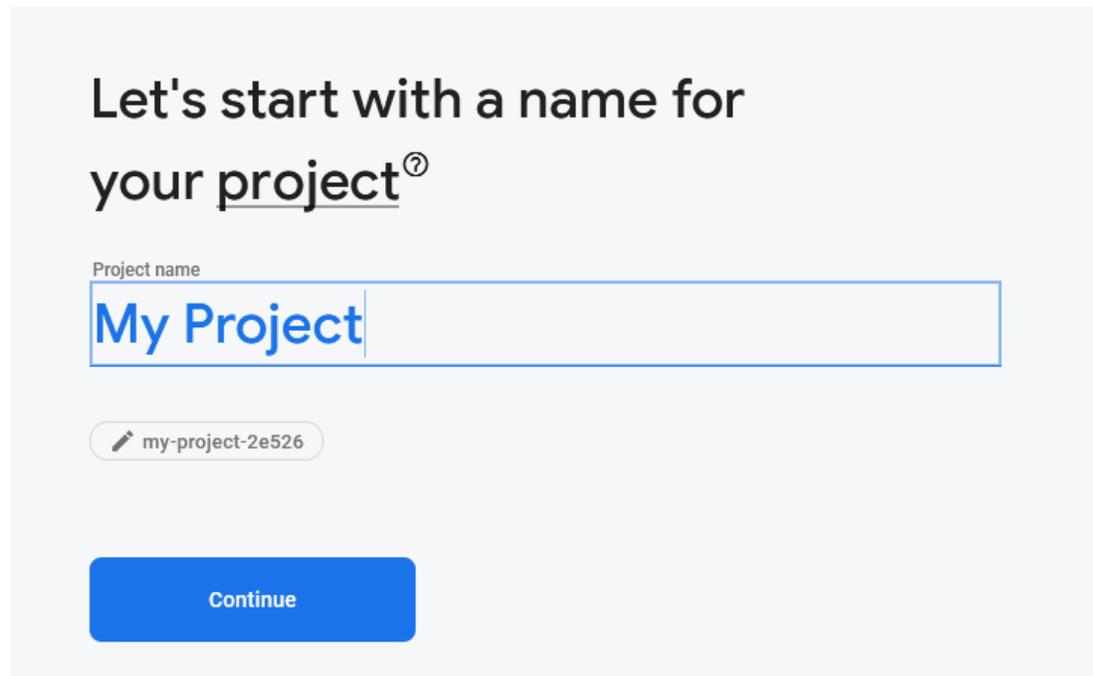
3) After you done creating Firebase project a window will appear like:
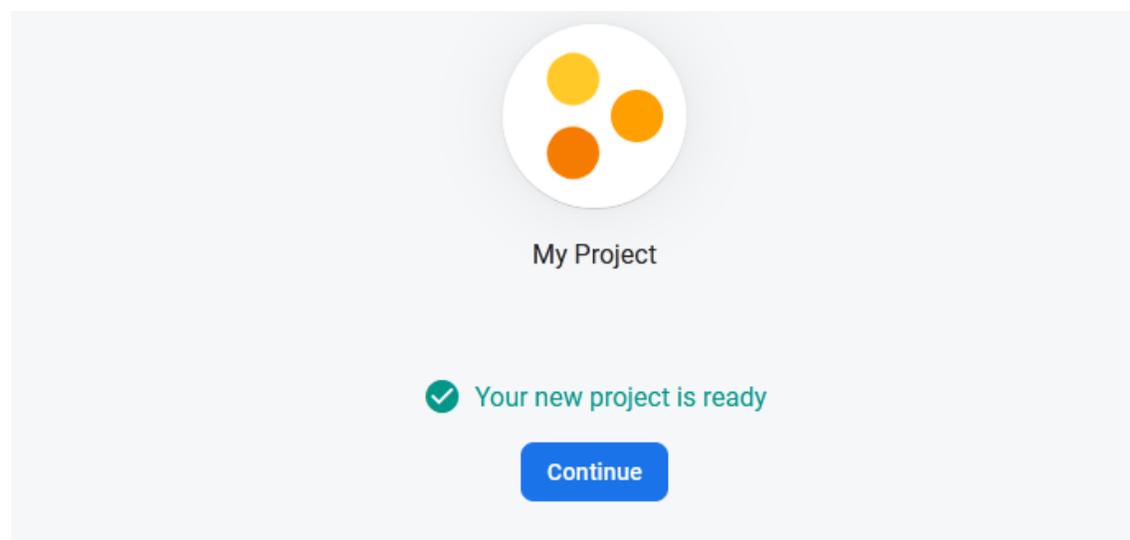
4) After clicking on continue button a window will appear like below. Then click on android icon that pointed below:
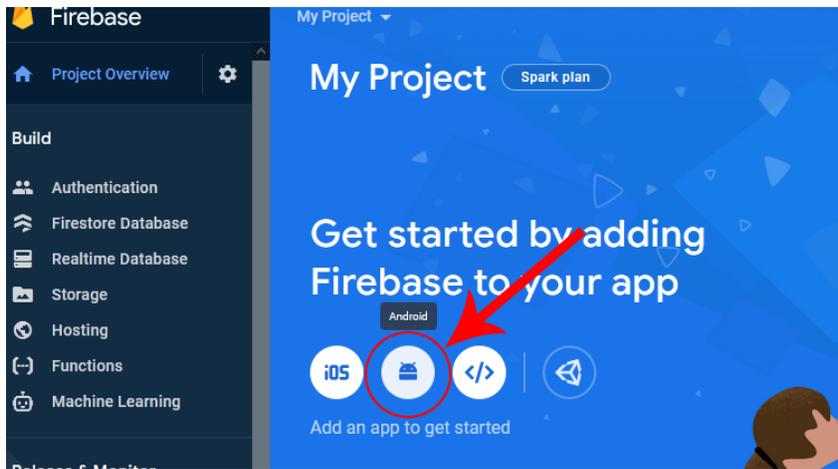
5) Fill the app registration form.

6) Continue to console
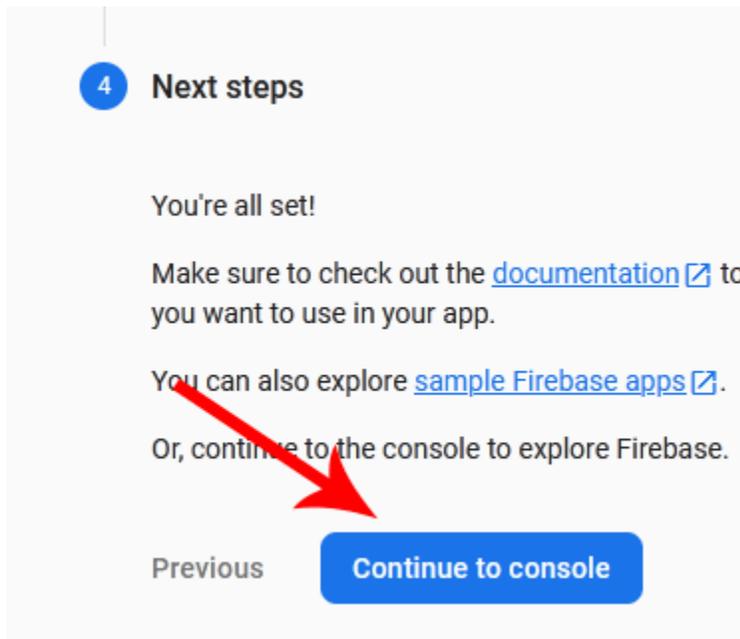
7) Click on Project Settings
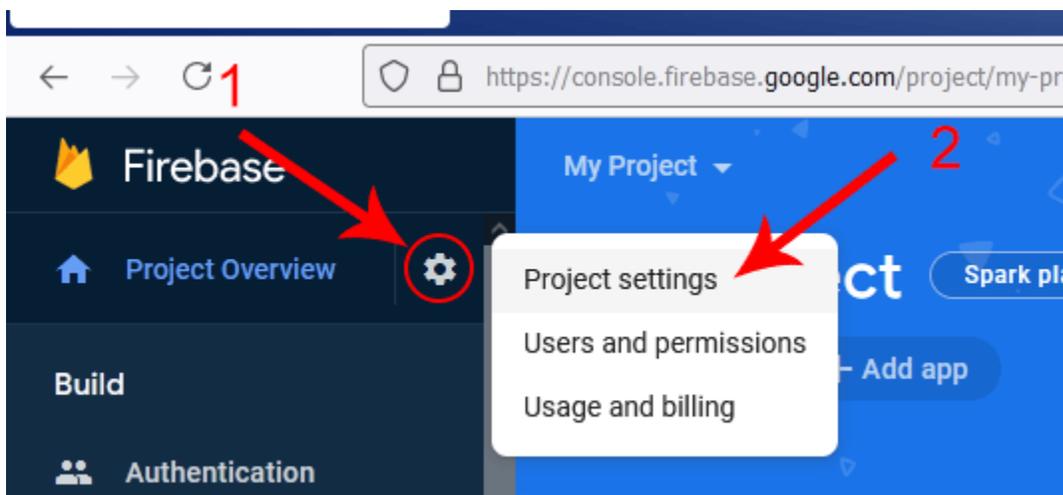
8) Click on Add Fingerprint
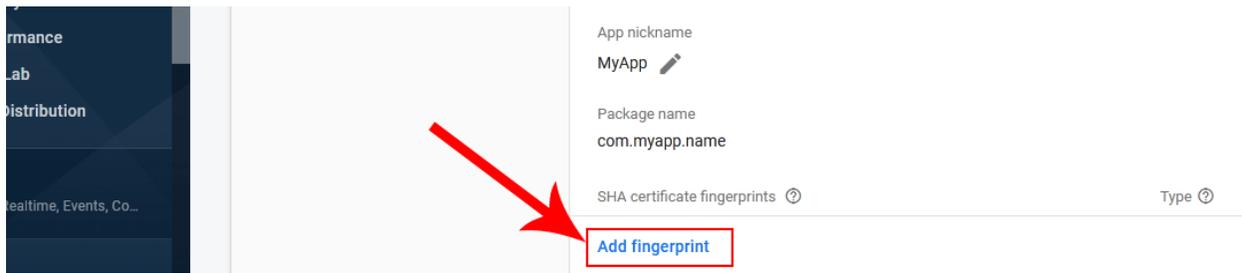
9) Add both **SHA1** and **SHA256** fingerprints for release key by using this method: https://www.youtube.com/watch?v=Fv3LRhDPIms

Integrate Firebase Dynamic link

Make sure you added SHA256 fingerprint in your Firebase project settings.

1) Scroll down in your Firebase project menu and click on Dynamic Links option.
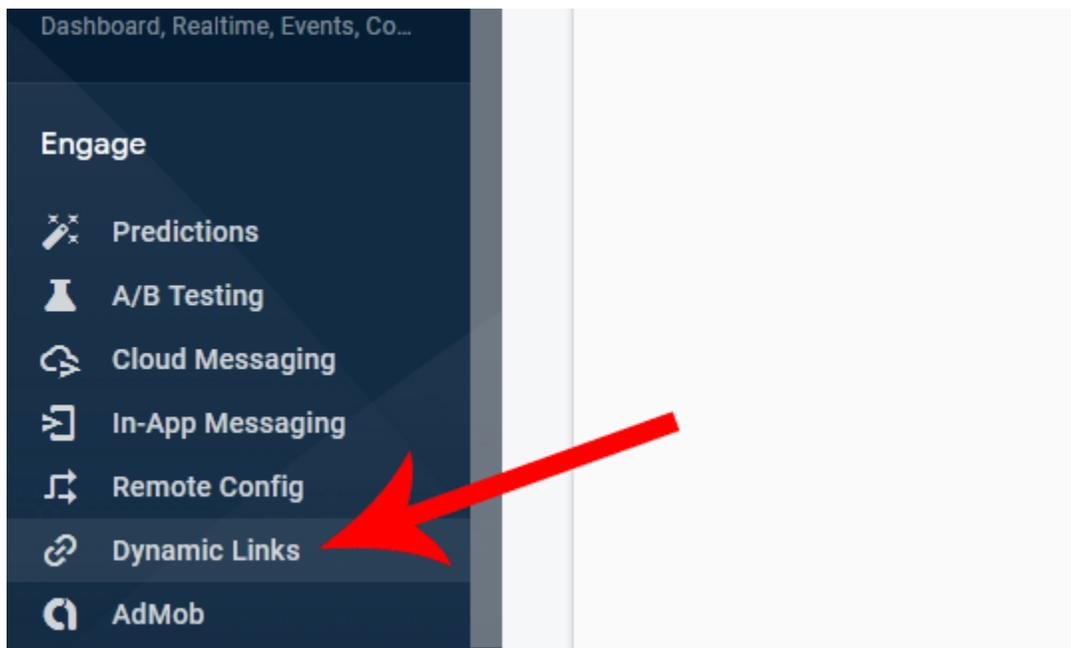
2) Click on Get Started button
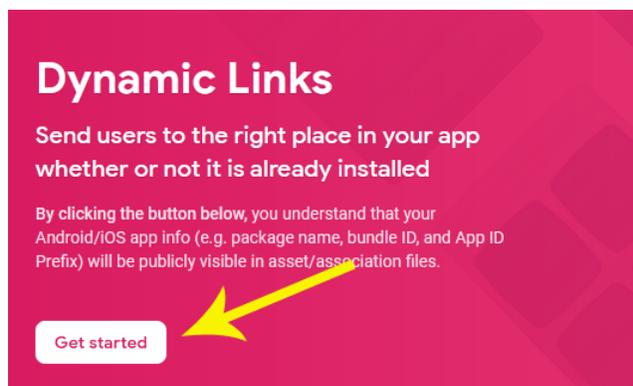
3) Add any URL prefix (like first word of your subdomain):
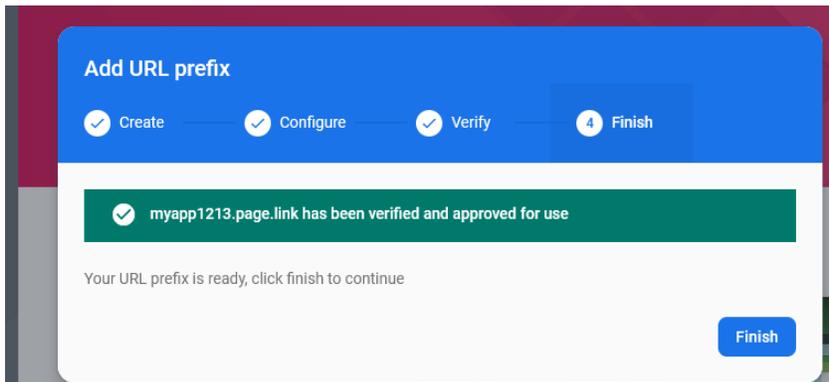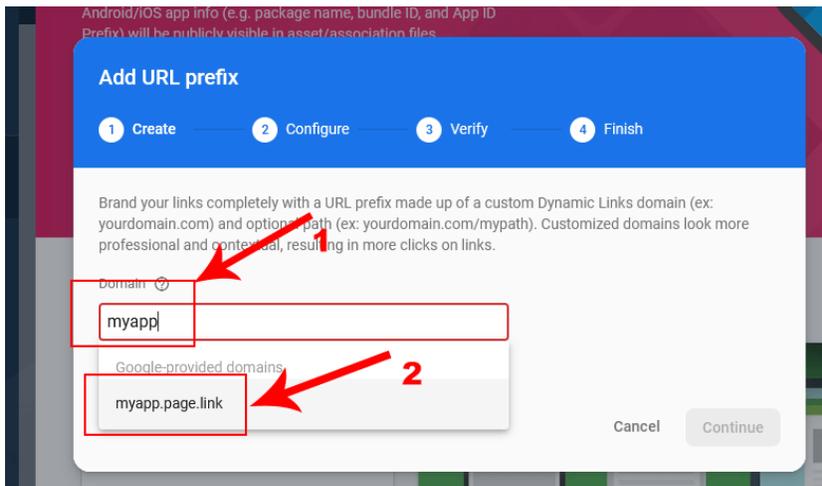
4) Update your settings.xml from Android Studio:
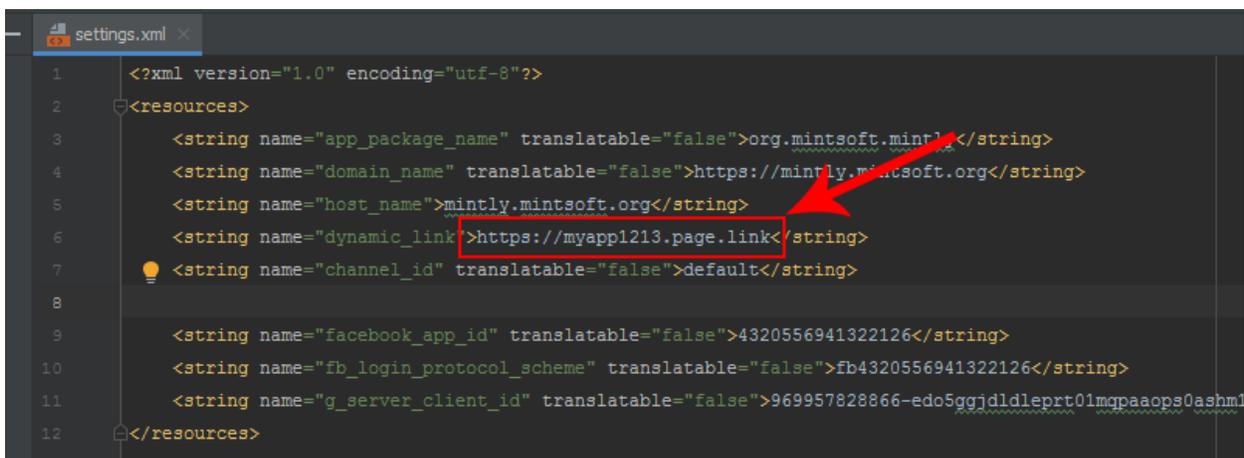
Login by SMS verification setup

1) In Firebase project click on **Authentication** option. Then **Get Started**:
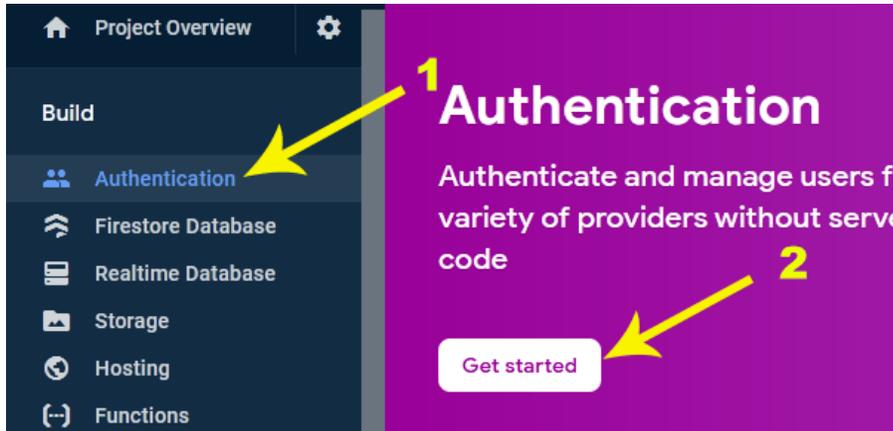
2) Enable **Phone** provider:

Then:
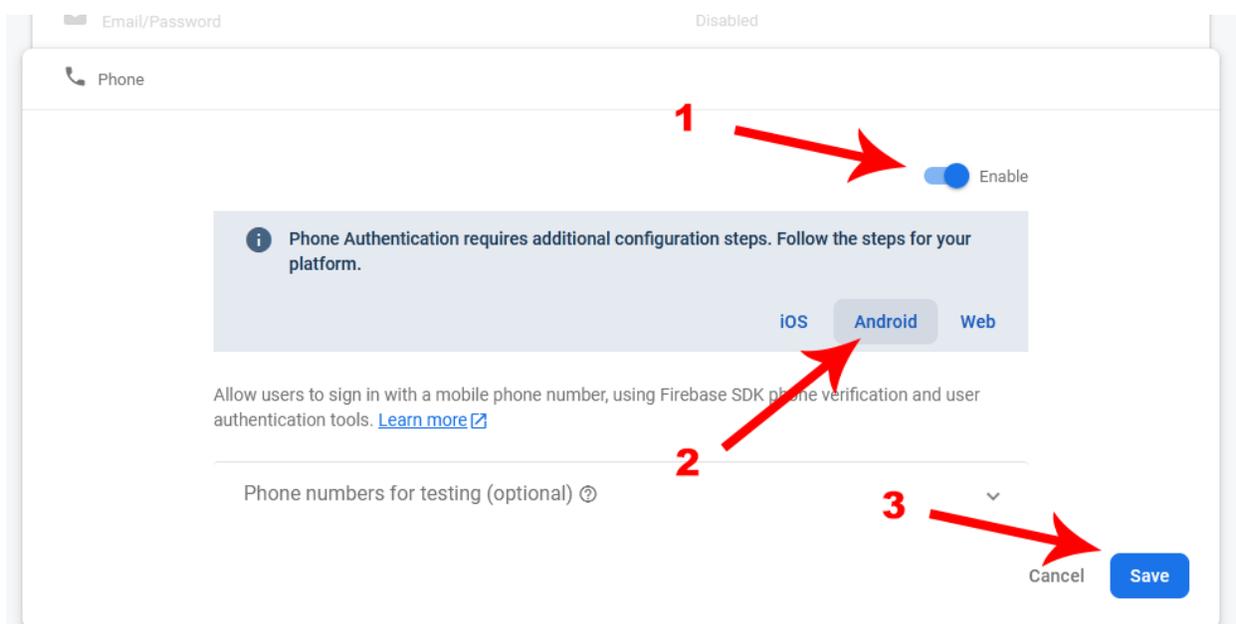
Google Login setup

1) Go to: https://developers.google.com/identity/sign-in/android/start-integrating

2) Click on configure project:
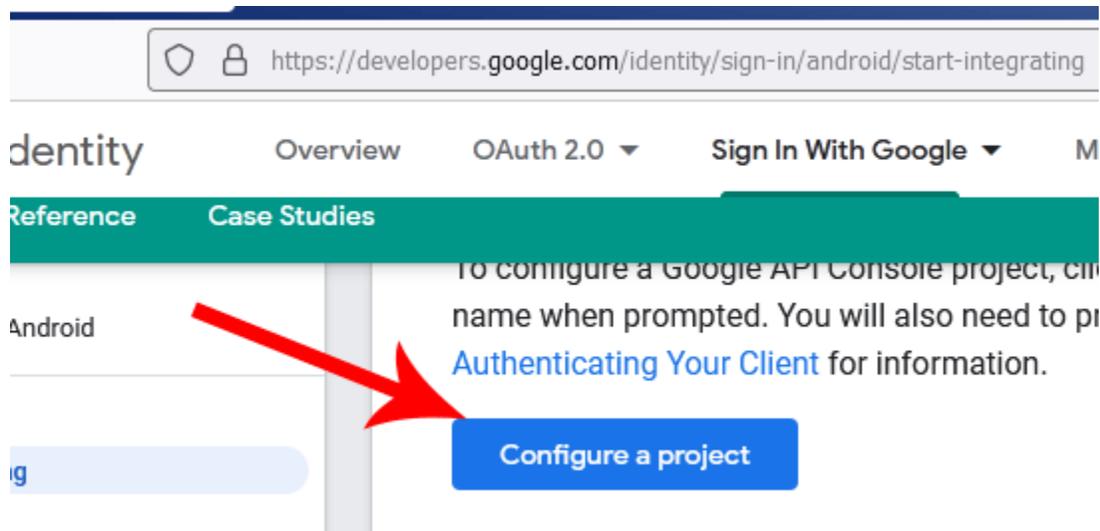
3) Select your current Firebase project then click next:

4) Select **Android** then click on **Next**:
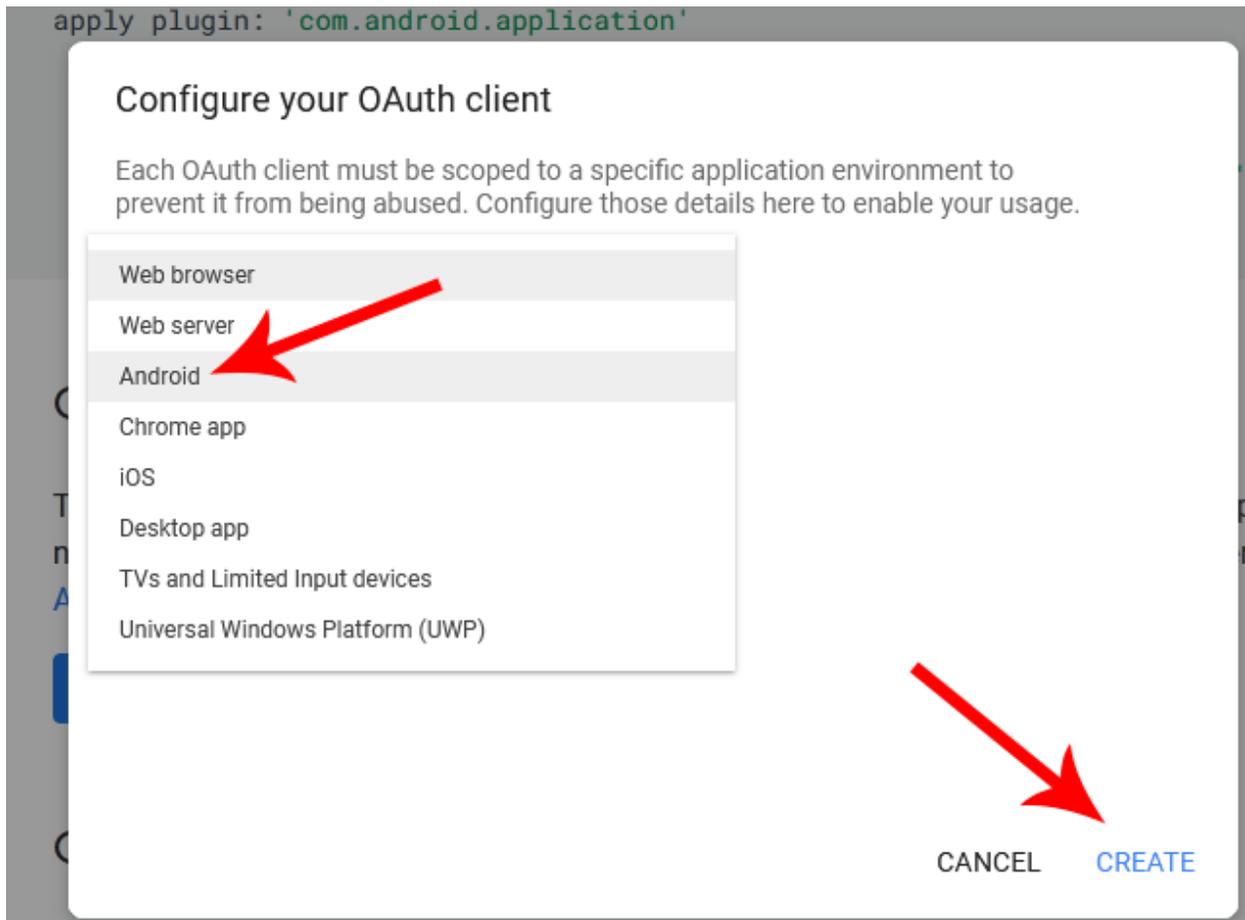
5) Check this screenshot:
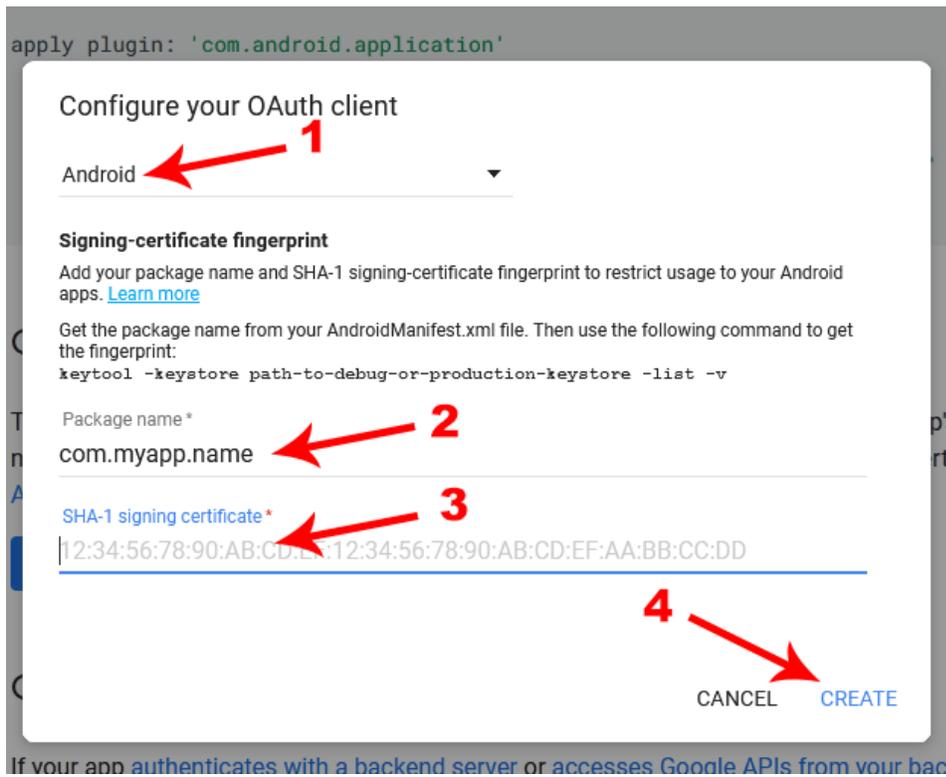
1) Choose **Android** from dropdown menu.
2) Enter your app package name.
3) Enter SHA1. Video tutorial here:
   https://www.youtube.com/watch?v=Fv3LRhDPIms
4) Click on Create.

6) From the next page, copy **Client ID** and paste it in settings.xml from Android Studio:

Facebook Login setup

1) Go to https://developers.facebook.com/apps
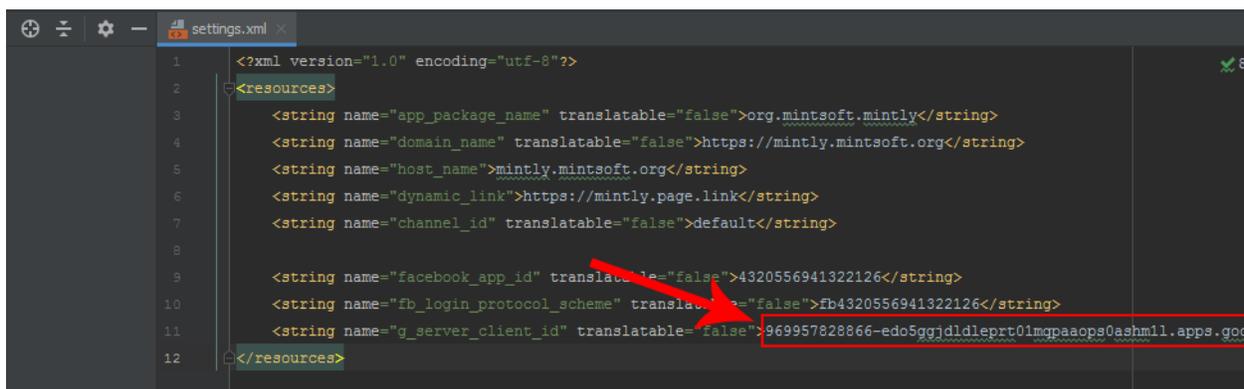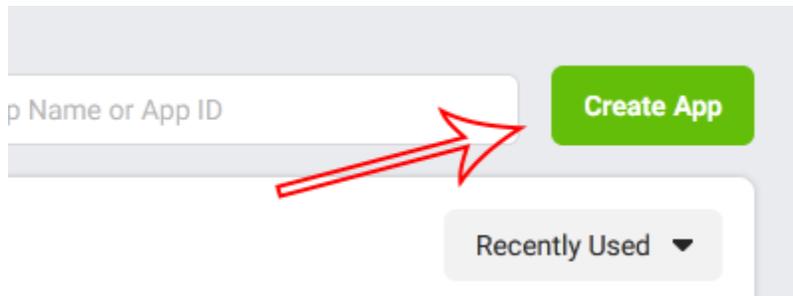
2) Select **Consumer** and **Continue**:
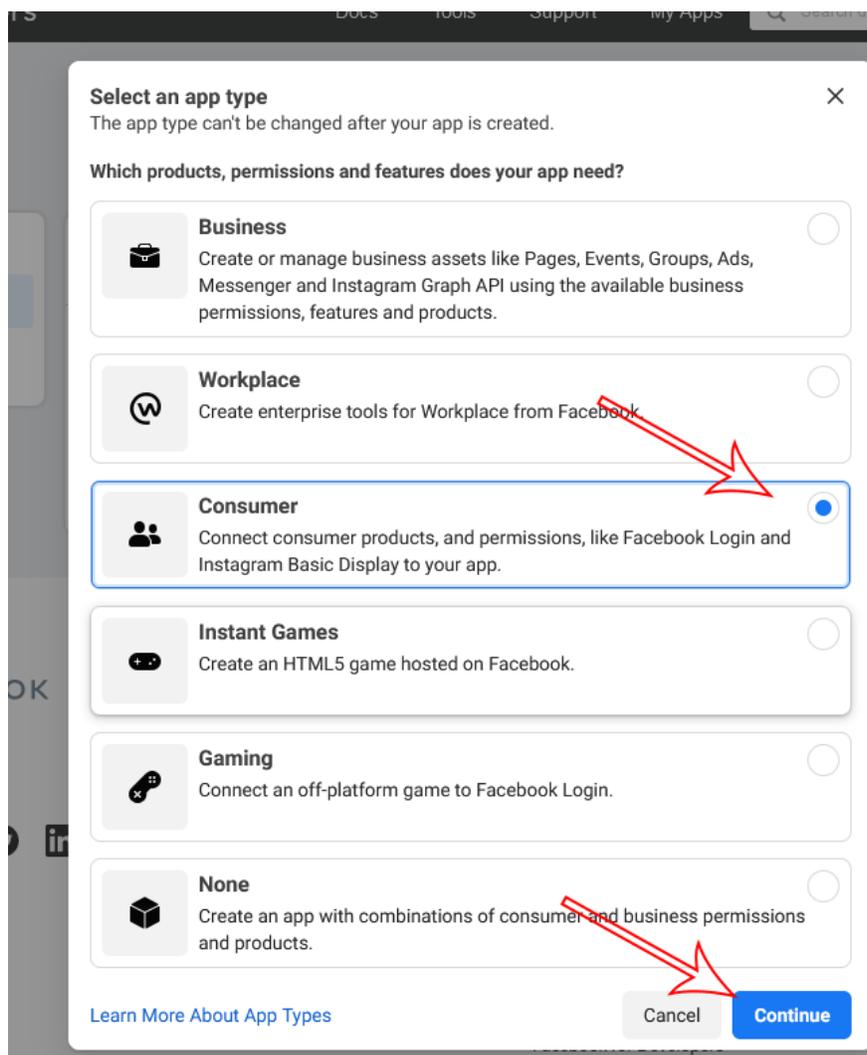
3) Enter your app name, contact email. Then click on Create App:

4) The from **Add Product** click on Facebook Login setup button:
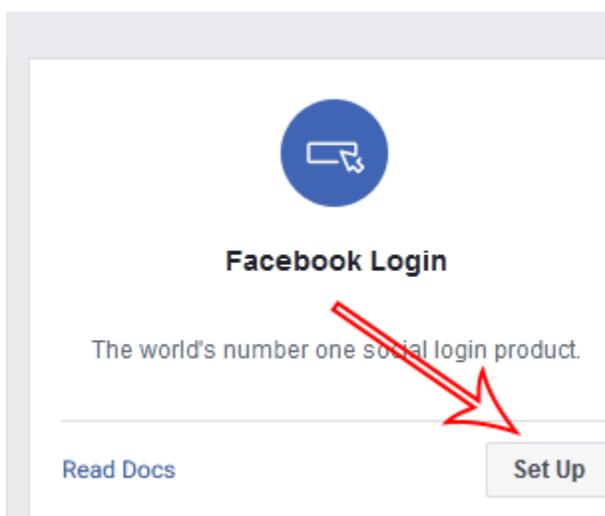
5) Choose Android:

6) Keep clicking on next button till the option **3**:

1) Enter your package name
2) Enter default activity class name. Just add (.Splash) after entering your package name.
3) Click on Save. If popup appears click on **Use this package name**.
4) Click Continue button.

7) Obtain Hash key:

Key hash creation for Facebook *(Release hash only)*
* Download **openssl** https://code.google.com/archive/p/openssl-for-windows/downloads
* Extract somewhere
* Start command prompt
* Locate your JDK bin directory and change path to that directory by **cd** command.
* For example if your JDK path is **c:\Program Files\Java\sdk-xx.x.x\bin** then in command prompt write *cd c:\Program Files\Java\sdk-xx.x.x\bin*
* The use this command tool in your command prompt:
keytool -exportcert -alias **YOUR_RELEASE_KEY_ALIAS** -keystore **YOUR_RELEASE_KEY_PATH | openssl_full_path** sha1 -binary | **openssl_full_path** base64
[**example:** keytool -exportcert -alias key0 -keystore C:\Users\Profilename \keystore_backup\ myproject.jks | C:\Users\Profilename \Desktop\openssl-0.9.8k_X64\bin\openssl sha1 -binary | C:\Users\Profilename \Desktop\openssl-0.9.8k_X64\bin\openssl base64]
* Enter your keystore password *(if it's default **debug.keystore** then password probably **android**)*
* Get the release key hash

```
Warning:
The JKS keystore uses a proprietary format. It is recommended to migrate to PKCS
12 which is an industry standard format using "keytool -importkeystore -srckeyst
ore C:\Users\                          .jks -destkeystore C:\Users\Evo
                              .jks -deststoretype pkcs12".
X9ojzTXyAm3R3iUfc0gFymq+hkw=
```

8) In option **4** put the key here in Facebook login setup page:

9) Now keep clicking on next button till the end.

10) Then add/edit according to the screenshots:

Dashboard

Settings ^

Basic

Advanced

Roles ⌄

Alerts ⌄

App Review ⌄

ducts   Add Product

ebook Login ⌄

vity Log

Activity Log

Android   Quick Start   ✕

Google Play Package Name   Class Name

org.mintsoft.mintly ✕   org.mintsoft.mintly.Splash

Key Hashes

VNkw...............Cc04= ✕

Amazon Appstore URL (Optional)

Ex. http://www.amazon.com/dp/B004GJDQT8

Yes   Single Sign On   No   Deep Linking
       Will launch from Android Notifications   News Feed links launch this app

Yes   Log In-App Events Automatically (Recommended)
       Turning this toggle on automatically logs in-app events, including Purchase, Start Trial and Subscribe, that are
       processed through the GooglePlay store. To automatically log Purchase events, use Facebook SDK for Android
       v4.36 or higher. For Subscribe and Start Trial events, use Facebook SDK for Android v5.1. **Note:** When this
       toggle is turned on, you should stop manually logging in-app Purchase, StartTrial, and Subscribe events on
       Android, otherwise you will see duplicate reporting. Learn More

NO   Google Play Credentials
       Use your Google Developers credentials to reduce fraudulent in-app purchases.

                    + Add Platform

                              Discard   Save Changes

Dashboard

⚙ **Settings** ^

Basic

Advanced ⟵

👤 Roles ⌄

🔔 Alerts ⌄

🛡 App Review ⌄

Products   Add Product

Facebook Login ⌄

Activity Log

≡ Activity Log

No   Native or desktop app?
      Enable if your app is a native or desktop app

Check Your SDK Version [?]

Android v5.0.0
The latest version is 7.1.0

Upgrade

Upgrade API Version [?]

v11.0 ⌄   Upgrade All Calls   v11.0 ⌄   Upgrade Calls for App Roles
           Change the API version your app calls for all   Change the API version your app calls for
           users [?]   developers [?]

App Restrictions

No   References Alcohol   Age Restriction
      Restricts age in some locations [?]
                                   Anyone (13+) ⌄

Yes   Social Discovery   No   Country Restricted
      App usage stories can appear in Ticker or   Restrict app to users in selected countries
      News Feed   [?]

                              Discard   Save Changes

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11) Now get the Facebook App ID:

12) Update your settings.xml from Android Studio:

Note: value of **facebook_app_id** is your actual Facebook App ID and
fb_login_protocol_scheme will be fb prefixed APP ID like: fb[your_app_id]

That's All for the basic Guidelines.

You can check out our up-to-date online guidelines here:
https://kb.mintsoft.org/mintly

Or for customization, queries or any other support service you can
reach us by this contact form.