**push Notification.**

**Since FCM is a Firebase service, you’ll need to add Firebase to the app:**

STEP 1: **Adding firebase to the application.**

1. Head over to the Firebase Console. (Done “Accident Alert Application”)
2. Select “Add project,” and give your project a name. (Done “Accident Alert Application”)
3. Read the terms and conditions. If you’re happy to proceed, then select “I accept…” followed by “Create project.”
4. Select “Add Firebase to your Android app.”
5. Enter your project’s package name, and then click “Register app.”
6. Select “Download google-services.json.”
7. In Android Studio, drag and drop the google-services.json file into your project’s “app” directory.
8. Open project-level build.gradle file and add the following:

JAVA

classpath 'com.google.gms:google-services:4.0.1'

**Open app-level build.gradle file, and add the Google services plugin, plus the dependencies for Firebase Core and FCM:**

PHP

//Add the Google services plugin//

apply plugin: 'com.google.gms.google-services'

…

dependencies {

implementation fileTree(dir: 'libs', include: ['\*.jar'])

//Add Firebase Core//

implementation 'com.google.firebase:firebase-core:16.0.1'

//Add FCM//

implementation 'com.google.firebase:firebase-messaging:17.3.4'

* When prompted, sync your changes.
* Next, you need to let the Firebase Console know that you’ve successfully added Firebase to your project. Install your app on either a physical Android smartphone or tablet, or an Android Virtual Device (AVD).
* Back in the Firebase Console, select “Run app to verify installation.”
* Once Firebase has detected your app, you’ll see a “Congratulations” message. Select “Continue to the console.”

STEP 2: **Sending push notification with Firebase**

1. create FCM notifications using the Notifications Composer, which is available via the Firebase Console:
2. Make sure your app is installed and running in the background, and that your device has an active Internet connection.
3. In the Firebase Console, select “Cloud Messaging” from the left-hand menu.
4. Select “Send your first message.”
5. Give your message a title and some body text, and then click “Next.”
6. Open the “Select app” dropdown, and choose your application from the list.
7. Once you’ve finished editing this section, click “Next.”
8. Assuming you want to send this message immediately, open the “Send to eligible users” dropdown and select “Now.”
9. In the bottom-right of the screen, click “Publish.”
10. Check all the information in the subsequent popup, and if you’re happy to proceed then select “Publish.”

***After a few moments, all the client devices that you targeted should receive this notification in their system tray.***

***Most of the time, FCM notifications will be delivered immediately, but occasionally it may take a few minutes for a message to arrive, so don’t panic if your notification is delayed***

Hope it works!