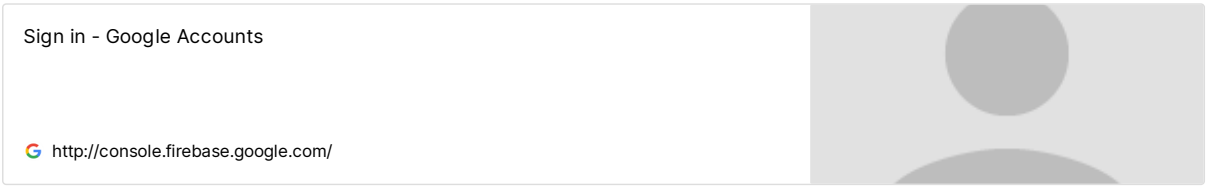
12 FCM 푸시알림

결과

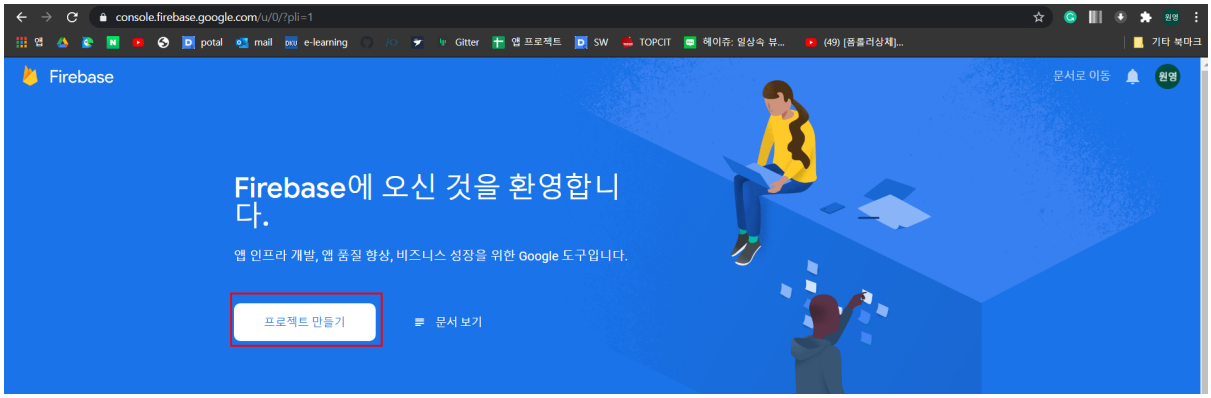
...현재 FirebaseInstanceId가 지원이 중단되어서 결과는 보지 못했다. 수강 뒤 이 방법 말고 다른 방법이 있는 지 찾아봐야 겠다.

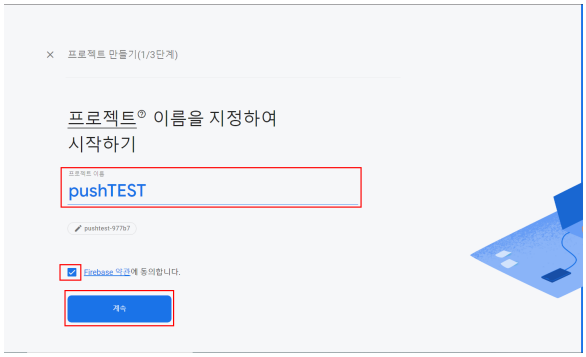
<Firebase 작업>

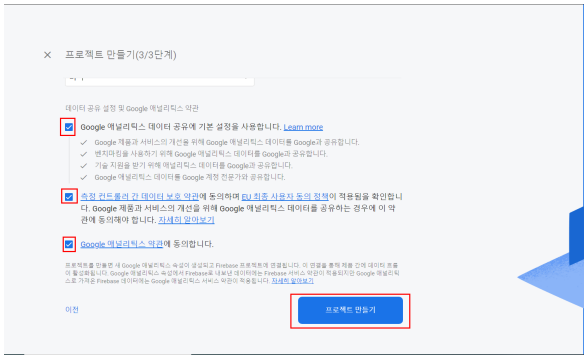
1. 해당 링크로 접속



2. 프로젝트 생성

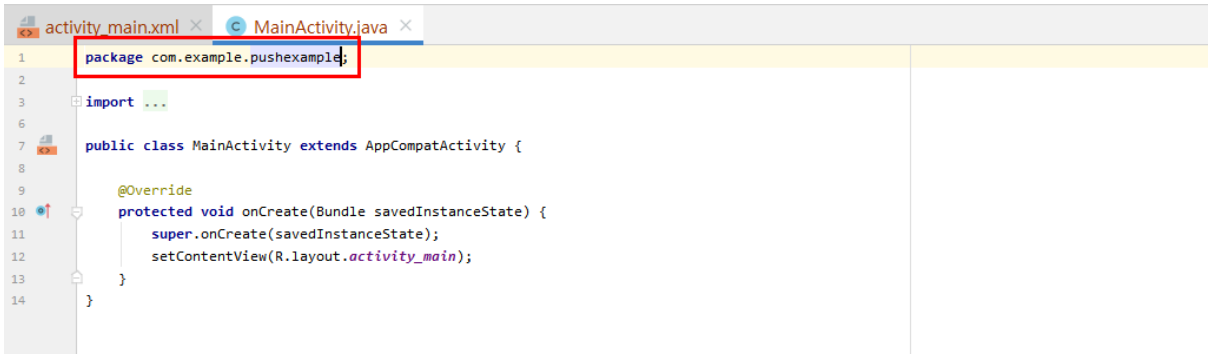




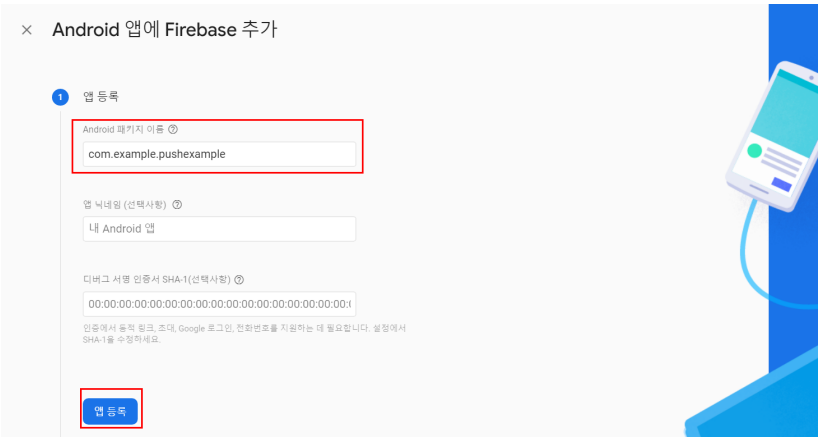


3. 앱 등록

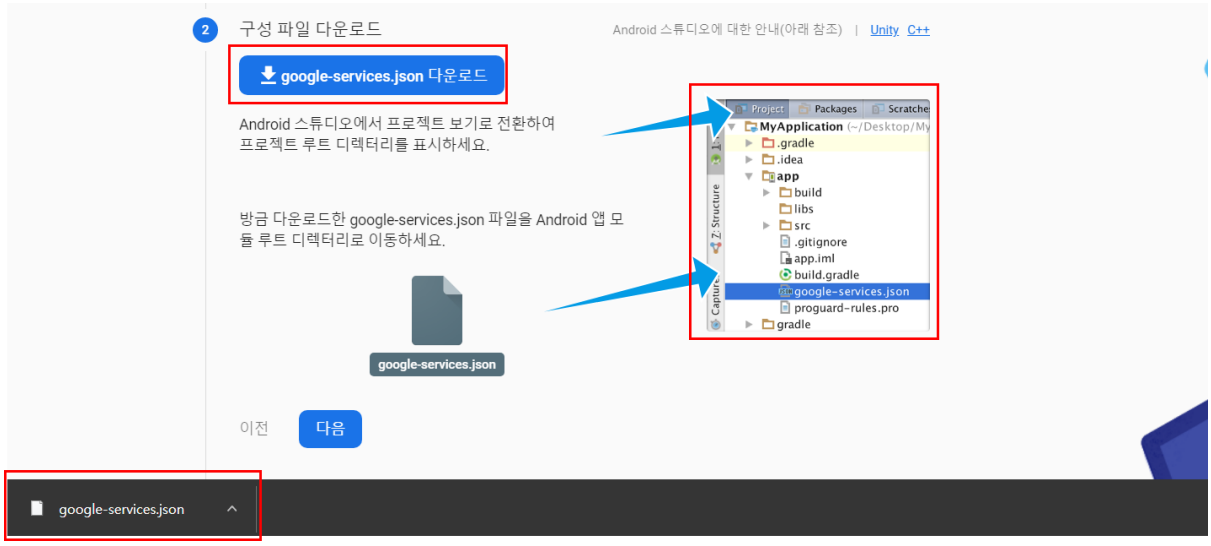
- MainActivity.java 에 있는 package명을 복사



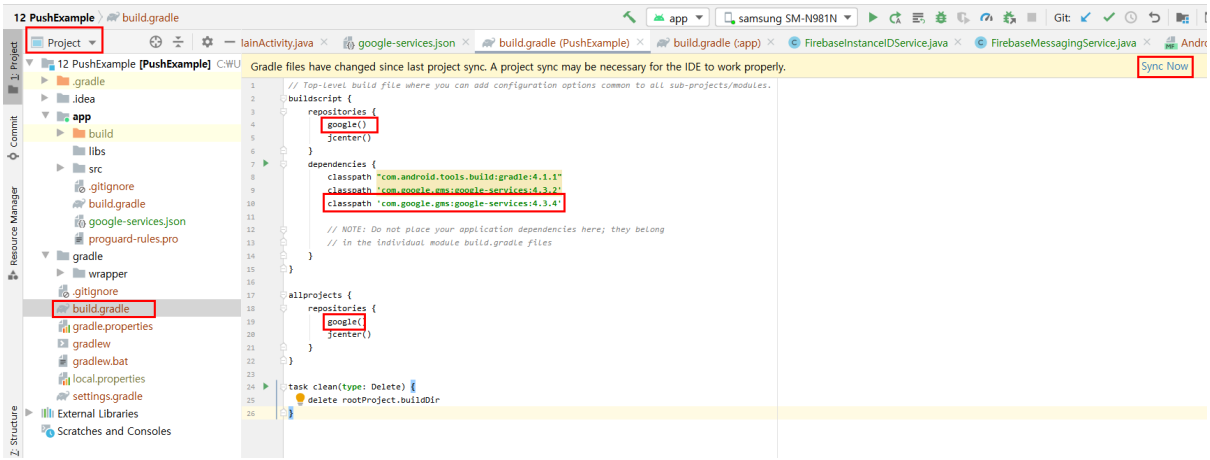
- 붙여넣기해서 앱 등록

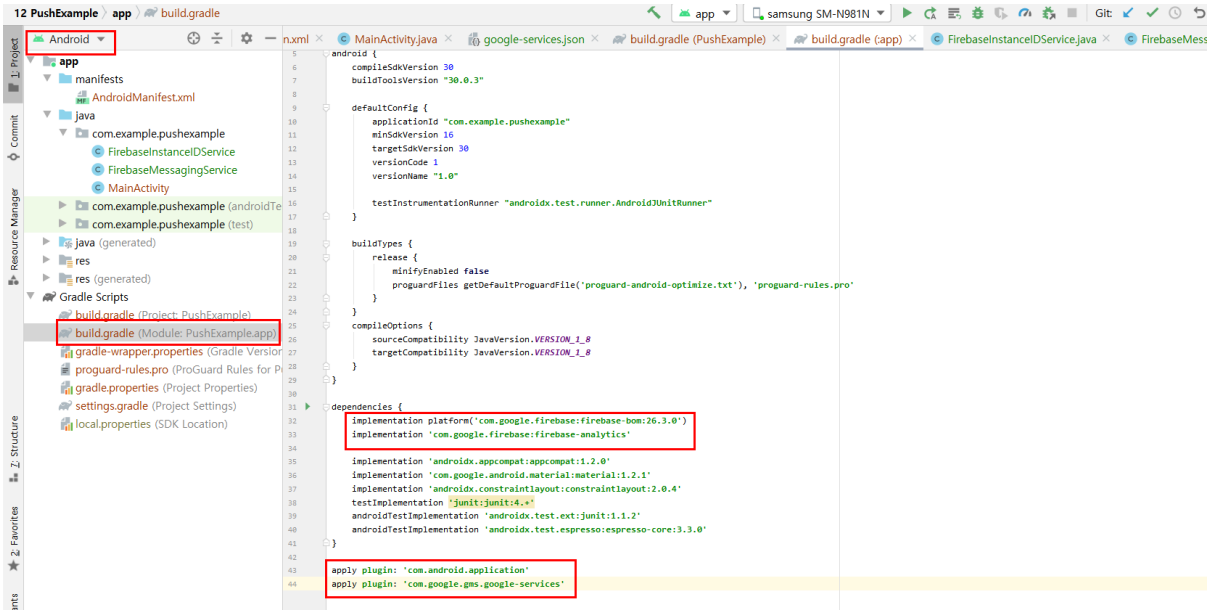


4. .json 파일 다운로드 받고 app 폴더에 복사붙여넣기



5. Gradle Script 사이트에서 하라는 대로 수정





6. FirebaseInstanceIDService. java, FirebaseMessagingService.java 생성

- FirebaseInstanceIDService.java 코드

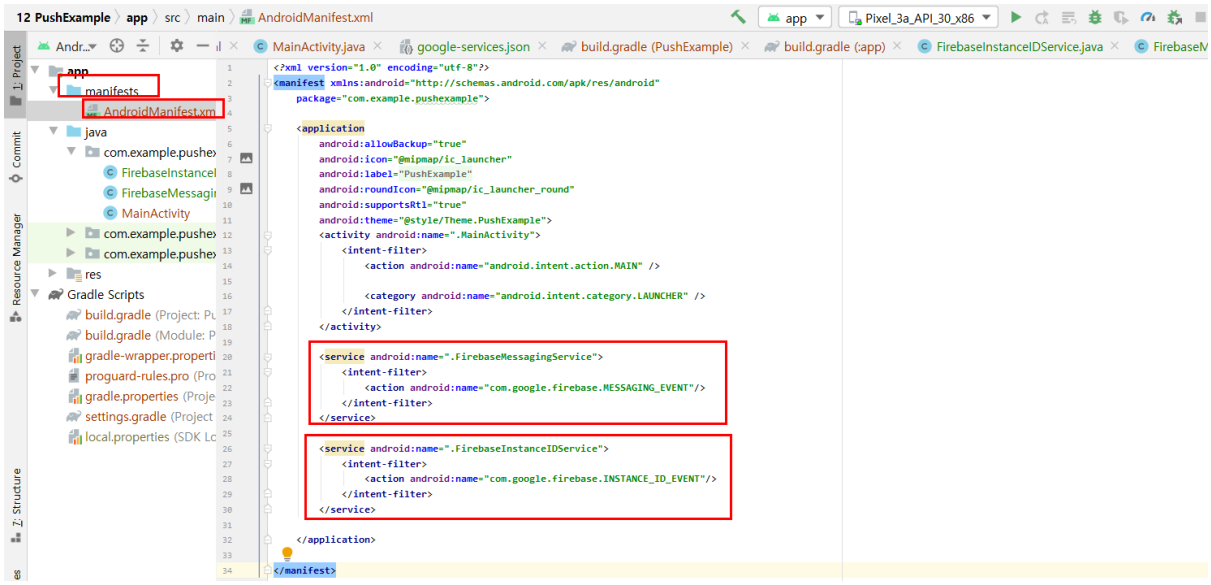
```
package com.example.pushexample;

import android.util.Log;

import com.google.firebase.iid.FirebaseInstanceId;
import com.google.firebase.iid.FirebaseInstanceIdService;

public class FirebaseInstanceIDService extends FirebaseInstanceIdService {

    private static final String TAG = "MyFirebaseIDService";

    @Override
    public void onTokenRefresh() {

        String token = FirebaseInstanceId.getInstance().getToken();
        Log.e(TAG, token);

        sendRegistrationToServer(token);
```

```
    }

    private void sendRegistrationToServer(String token) {

    }
}
```

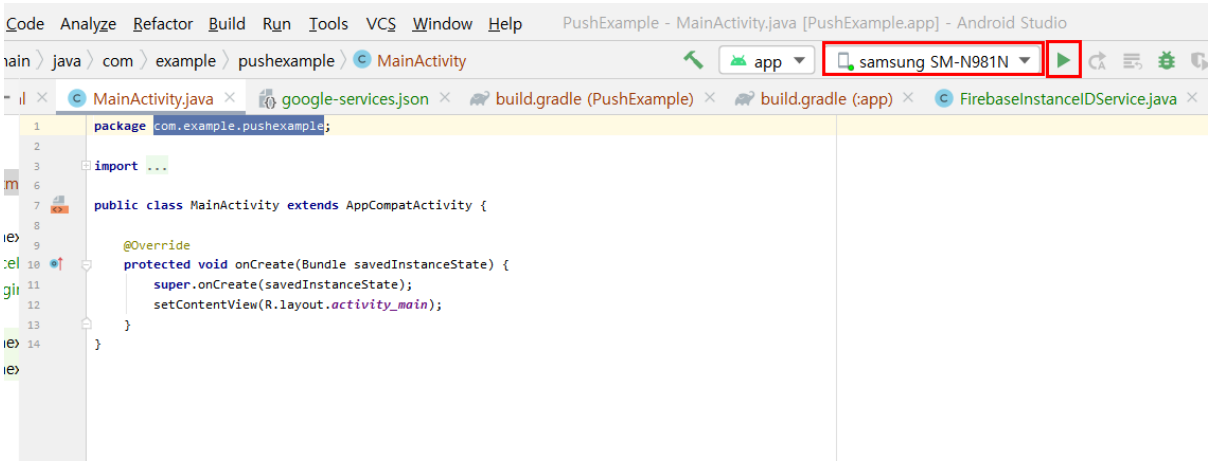
- FirebaseMessagingService.java 코드

```
package com.example.pushexample;

import android.app.Notification;
import android.app.NotificationManager;
import android.app.PendingIntent;
import android.content.Context;
import android.content.Intent;
import android.media.RingtoneManager;
import android.util.Log;

import androidx.core.app.NotificationCompat;

import com.google.firebase.messaging.RemoteMessage;

public class FirebaseMessagingService extends com.google.firebase.messaging.FirebaseMessagingService {

    private static final String TAG = "FirebaseMsgService";

    private String msg, title;

    @Override
    public void onMessageReceived(RemoteMessage remoteMessage) {
        Log.e(TAG, "onMessageRecevied");

        title = remoteMessage.getNotification().getTitle();
        msg = remoteMessage.getNotification().getBody();

        Intent intent = new Intent(this, MainActivity.class);
        intent.addFlags(Intent.FLAG_ACTIVITY_CLEAR_TOP);

        PendingIntent contentIntent = PendingIntent.getActivity(this, 0, new Intent(this, MainActivity.class), 0);

        NotificationCompat.Builder mBuilder = new NotificationCompat.Builder(this).setSmallIcon(R.mipmap.ic_launcher)
                .setContentTitle(title)
                .setContentText(msg)
                .setAutoCancel(true)
                .setSound(RingtoneManager.getDefaultUri(RingtoneManager.TYPE_NOTIFICATION))
                .setVibrate(new long[]{1, 1000});

        NotificationManager notificationManager = (NotificationManager) getSystemService(Context.NOTIFICATION_SERVICE);

        notificationManager.notify(0, mBuilder.build());

        mBuilder.setContentIntent(contentIntent);
    }
}
```

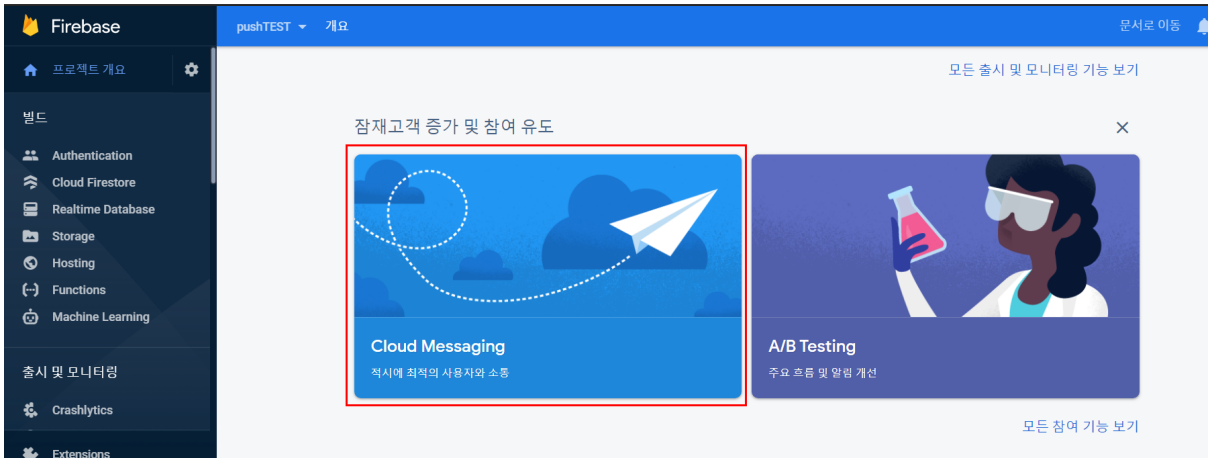
- maifests에 service추가

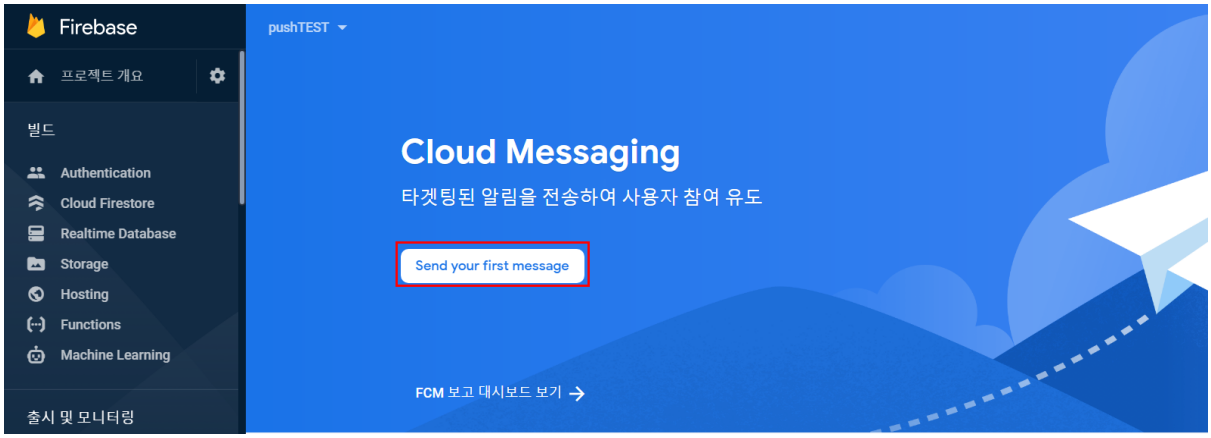


7. 핸드폰 연결 후 빌드



8. 푸시알림 전송


Firebase
pushTEST
개요
문서로 이동
프로젝트 개요
빌드
Authentication
Cloud Firestore
Realtime Database
Storage
Hosting
Functions
Machine Learning
출시 및 모니터링
Crashlytics
Extensions
모든 출시 및 모니터링 기능 보기
잠재고객 증가 및 참여 유도
Cloud Messaging
적시에 최적의 사용자와 소통
A/B Testing
주요 흐름 및 알림 개선
모든 참여 기능 보기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출시 및 모니터링
Cloud Messaging
타겟팅된 알림을 전송하여 사용자 참여 유도
Send your first message
FCM 보고 대시보드 보기

1 알림
알림 제목
Push알림 테스트
알림 텍스트
알림텍스트 입니다.
알림 이미지(선택사항)
예: https://yourapp.com/image.png
알림 이름(선택사항)
이름 입력(선택사항)
2 타겟
사용자 세그먼트
주제
사용자 타겟팅 조건...
앱
com.example.pushexample
다른 앱 타겟팅
다음

하라는 대로 하고 게시

9.