Sprint 4

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Project Name	IoT Based Safety Gadget for Child Safety
	Monitoring and Notification

Sprint 4 is send alert notification when entered and exited the geofence

Coding:

```
public void onReceive(Context context, Intent intent) {
    // TODO: This method is called when the BroadcastReceiver is
               }
```

```
NotificationHelper(context);
       if (geofencingEvent.hasError()) {
```

Notification Class:

```
package com.example.geofence;
import android.app.Notification;
import android.app.NotificationChannel;
import android.app.NotificationManager;
import android.app.PendingIntent;
import android.content.Context;
import android.content.ContextWrapper;
import android.content.Intent;
import android.graphics.Color;
import android.os.Build;
import androidx.annotation.RequiresApi;
import androidx.core.app.NotificationCompat;
```

```
public NotificationHelper(Context base)
    private void createChannels() {
NotificationChannel(CHANNEL ID, CHANNEL NAME,
NotificationManager.IMPORTANCE HIGH);
        notificationChannel.setLightColor(Color.RED);
    public void sendHighPriorityNotification(String title, String body,
NotificationCompat.BigTextStyle().setSummaryText("summary").setBigContentTi
tle(title).bigText(body))
notification);
```

Output:

