Sprint 4

Date	18 November 2022
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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:

```
import android.content.BroadcastReceiver;
            }
```

```
NotificationHelper(context);
        int transitionType = geofencingEvent.getGeofenceTransition();
       switch (transitionType) {
                notificationHelper.sendHighPriorityNotification("Exited the
```

Notification Class:

```
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 class NotificationHelper extends ContextWrapper {
    public NotificationHelper(Context base)
            createChannels();
    private void createChannels() {
NotificationChannel(CHANNEL ID, CHANNEL NAME,
NotificationManager. IMPORTANCE HIGH);
        notificationChannel.enableVibration(true);
    public void sendHighPriorityNotification(String title, String body,
        Notification notification = new NotificationCompat.Builder(this,
                .setSmallIcon(R.drawable.ic launcher background)
                .setPriority(NotificationCompat.PRIORITY HIGH)
NotificationCompat.BigTextStyle().setSummaryText("summary").setBigContentTi
                .build();
```

Output:

