## Sprint 4

Date	14 November 2022
Team ID	PNT2022TMID35146
Project Name	IoT Based Safety Gadget for Child Safety Monitoring and Notification

## Coding:

```
import android.content.Context;
import android.content.Intent;
import android.location.Location;
```

```
NotificationHelper(context);
       if (geofencingEvent.hasError()) {
       switch (transitionType) {
                notificationHelper.sendHighPriorityNotification("Exited the
```

## **Notification Class:**

```
package com.example.geofence;
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)
        if (Build.VERSION.SDK INT >= Build.VERSION CODES.O) {
            createChannels();
        notificationChannel.enableLights(true);
    public void sendHighPriorityNotification (String title, String body,
        PendingIntent pendingIntent = PendingIntent.getActivity(this, 267,
                .setSmallIcon(R.drawable.ic launcher background)
                .setPriority(NotificationCompat.PRIORITY HIGH)
NotificationCompat.BigTextStyle().setSummaryText("summary").setBigContentTi
                .build();
notification);
```

## Output:

