Alert Notification

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Team ID	PNT2022TMID45386
Project Name	Project - IoT based safety gadget for ChildSafety Monitoring and Notification
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```
package com.example.geofence;


import android.content.BroadcastReceiver;

import android.content.Context;

import android.content.Intent;

import android.location.Location;

import android.os.CountDownTimer;

import android.util.Log;

import android.widget.Toast;
import com.google.android.gms.location.Geofence;

import com.google.android.gms.location.GeofencingEvent;


import java.util.List;

import android.os.Handler;
```

```java
public class GeofenceBroadcastReceiver extends BroadcastReceiver {

    private static final String TAG = "GeofenceBroadcastReceiv";

    @Override
    public void onReceive(Context context, Intent intent) {
        // TODO: This method is called when the BroadcastReceiver is receiving  //
        an Intent broadcast
        //.
        /*Toast.makeText(context, "GEOFENCE_ENTERED", Toast.LENGTH_SHORT).show();

        final Toast mToastToShow;
        int toastDurationInMilliSeconds = 1200000;
        mToastToShow = Toast.makeText(context, "GEOFENCE_EXITED", Toast.LENGTH_LONG);



        // Set the countdown to display the toast
        CountDownTimer toastCountDown;
        toastCountDown = new CountDownTimer(toastDurationInMilliSeconds, 100000) {
        public void onTick(long millisUntilFinished) {
        mToastToShow.show();
        }
        public void onFinish() {
        mToastToShow.cancel();
        }
        };
```

```java
// Show the toast and starts the countdown

mToastToShow.show();

toastCountDown.start();*/


NotificationHelper notificationHelper = new NotificationHelper(context);

notificationHelper.sendHighPriorityNotification("GEOFENCE_TRANSITION_ENTER", "",
MapsActivity.class);


GeofencingEvent geofencingEvent = GeofencingEvent.fromIntent(intent);


if (geofencingEvent.hasError()) {

Log.d(TAG, "onReceive: Error receiving geofence event...");

return;

}


List<Geofence> geofenceList = geofencingEvent.getTriggeringGeofences();

for (Geofence geofence: geofenceList) {

Log.d(TAG, "onReceive: " + geofence.getRequestId());

}

// Location location = geofencingEvent.getTriggeringLocation();

int transitionType = geofencingEvent.getGeofenceTransition();


switch (transitionType) {

case Geofence.GEOFENCE_TRANSITION_ENTER:
notificationHelper.sendHighPriorityNotification("Entered the Location", "",
MapsActivity.class);

break;
```

```java
        case Geofence.GEOFENCE_TRANSITION_EXIT:

            notificationHelper.sendHighPriorityNotification("Exited the Location ", "",
            MapsActivity.class);

            break;
        }


    }
}
```