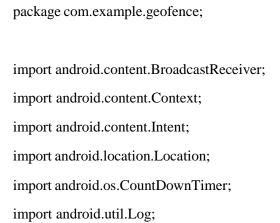
## **Alert Notification**

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Team ID	
	PNT2022TM
	ID17666
Project Name	Project - IoT based safety gadget for Child Safety Monitoring and Notification
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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;
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();
       }
    };
    // 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;

case Geofence.GEOFENCE_TRANSITION_EXIT:

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

}
```