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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;

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,
1000000) {
            public void onTick(long millisUntilFinished) {
                mToastToShow.show();
            }

            public void onFinish() {
                mToastToShow.cancel();
            }
        };

        // Show the toast and starts the countdown
        mToastToShow.show();
        toastCountDown.start();*/

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        NotificationHelper notificationHelper = new
NotificationHelper(context);

notificationHelper.sendHighPriorityNotification("GEOFENCE_TRANSITION_ENTE
R", "", 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;
        }
    }
}

```