import android.app.Service;

import android.content.Intent;

import android.os.IBinder;

public class BatterySaverService extends Service {

@Override

public IBinder onBind(Intent intent) {

return null;

}

@Override

public int onStartCommand(Intent intent, int flags, int startId) {

// Implement your battery-saving logic here

// For example, you can stop background services, reduce update frequency, etc.

// Stop the service when the work is done

stopSelf();

return START\_NOT\_STICKY;

}

}

import android.content.BroadcastReceiver;

import android.content.Context;

import android.content.Intent;

import android.os.Build;

public class BatterySaverReceiver extends BroadcastReceiver {

@Override

public void onReceive(Context context, Intent intent) {

// Implement your logic to start the BatterySaverService

Intent serviceIntent = new Intent(context, BatterySaverService.class);

if (Build.VERSION.SDK\_INT >= Build.VERSION\_CODES.O) {

context.startForegroundService(serviceIntent);

} else {

context.startService(serviceIntent);

}

}

}

<manifest xmlns:android="http://schemas.android.com/apk/res/android"

package="com.example.batterysaver">

<application

android:allowBackup="true"

android:icon="@mipmap/ic\_launcher"

android:label="@string/app\_name"

android:roundIcon="@mipmap/ic\_launcher\_round"

android:supportsRtl="true"

android:theme="@style/AppTheme">

<receiver

android:name=".BatterySaverReceiver"

android:enabled="true"

android:exported="false">

<intent-filter>

<action android:name="android.intent.action.BATTERY\_LOW" />

</intent-filter>

</receiver>

<service

android:name=".BatterySaverService"

android:enabled="true"

android:exported="false" />

<activity

android:name=".MainActivity"

android:label="@string/app\_name"

android:theme="@style/AppTheme.NoActionBar">

<intent-filter>

<action android:name="android.intent.action.MAIN" />

<category android:name="android.intent.category.LAUNCHER" />

</intent-filter>

</activity>

</application>

</manifest>

import android.os.Bundle;

import androidx.appcompat.app.AppCompatActivity;

public class MainActivity extends AppCompatActivity {

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

}

}