package com.example.aljama.myapplication;

import android.app.Activity;

import android.content.Intent;

import android.support.v7.app.AppCompatActivity;

import android.os.Bundle;

import android.view.View;

import android.widget.TextView;

import android.widget.Button;

import app.akexorcist.bluetotohspp.library.\*;

public class MainActivity extends AppCompatActivity {

BluetoothSPP bt;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

bt = new BluetoothSPP(getApplicationContext());

final Button red\_button = (Button) findViewById(R.id.red\_button);

final Button blue\_button = (Button) findViewById(R.id.blue\_button);

final Button green\_button = (Button) findViewById(R.id.green\_button);

final Button bt\_connect = (Button) findViewById(R.id.bt\_connect);

bt\_connect.setOnClickListener(new View.OnClickListener() {

public void onClick(View v){

Intent intent = new Intent(getApplicationContext(), DeviceList.class);

startActivityForResult(intent, BluetoothState.REQUEST\_CONNECT\_DEVICE);

}

});

red\_button.setOnClickListener(new View.OnClickListener() {

public void onClick(View v){

//DO ERROR HANDLING!!!!

bt.send("Message", true);

}

});

blue\_button.setOnClickListener(new View.OnClickListener() {

public void onClick(View v){

}

});

green\_button.setOnClickListener(new View.OnClickListener() {

public void onClick(View v){

}

});

if(bt.isBluetoothEnabled()) {

green\_button.setText("BLUETHOOTH IS ENABLED!");

bt.startService(BluetoothState.DEVICE\_OTHER);

} else {

green\_button.setText(":(");

}

bt.setOnDataReceivedListener(new BluetoothSPP.OnDataReceivedListener() {

public void onDataReceived(byte[] data, String message) {

// Do something when data incoming

}

});

bt.setBluetoothConnectionListener(new BluetoothSPP.BluetoothConnectionListener() {

public void onDeviceConnected(String name, String address) {

// Do something when successfully connected

}

public void onDeviceDisconnected() {

// Do something when connection was disconnected

}

public void onDeviceConnectionFailed() {

// Do something when connection failed

}

});

bt.setBluetoothStateListener(new BluetoothSPP.BluetoothStateListener() {

public void onServiceStateChanged(int state) {

if (state == BluetoothState.STATE\_CONNECTED) {

// Do something when successfully connected

} else if (state == BluetoothState.STATE\_CONNECTING){

// Do something while connecting

}else if(state ==BluetoothState.STATE\_LISTEN){

// Do something when device is waiting for connection

}else if(state == BluetoothState.STATE\_NONE) {

// Do something when device don't have any connection

}

}

});

}

public void onActivityResult(int requestCode, int resultCode, Intent data) {

if(requestCode == BluetoothState.REQUEST\_CONNECT\_DEVICE) {

if(resultCode == Activity.RESULT\_OK)

bt.connect(data);

} else if(requestCode == BluetoothState.REQUEST\_ENABLE\_BT) {

if(resultCode == Activity.RESULT\_OK) {

bt.setupService();

bt.startService(BluetoothState.DEVICE\_OTHER);

} else {

// Do something if user doesn't choose any device (Pressed back)

}

}

}

}