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package com.example.auto_home;

import java.io.BufferedReader;
import java.io.IOException;
import java.io.InputStreamReader;
import java.util.ArrayList;
import java.util.concurrent.DelayQueue;

import org.apache.http.HttpResponse;
import org.apache.http.NameValuePair;
import org.apache.http.client.HttpClient;
import org.apache.http.client.entity.UrlEncodedFormEntity;
import org.apache.http.client.methods.HttpPost;
import org.apache.http.conn.params.ConnManagerParams;
import org.apache.http.impl.client.DefaultHttpClient;
import org.apache.http.message.BasicNameValuePair;
import org.apache.http.params.HttpConnectionParams;
import org.apache.http.params.HttpParams;

import android.app.Activity;
import android.app.AlertDialog;
import android.content.Context;
import android.content.DialogInterface;
import android.content.Intent;
import android.content.pm.ActivityInfo;
import android.graphics.PixelFormat;
import android.media.AudioManager;
import android.media.MediaPlayer;
import android.media.MediaPlayer.OnErrorListener;
import android.media.MediaPlayer.OnPreparedListener;
import android.net.Uri;
import android.os.Bundle;
import android.text.format.Time;
import android.util.Log;
import android.view.View;
import android.view.View.OnClickListener;
import android.view.ViewDebug.IntToString;
import android.view.Window;
import android.view.WindowManager;
import android.widget.Button;
import android.widget.CompoundButton;
import android.widget.MediaController;
import android.widget.ProgressBar;
import android.widget.SeekBar;
import android.widget.SeekBar.OnSeekBarChangeListener;
import android.widget.TextView;
import android.widget.Toast;
import android.widget.ToggleButton;
import android.widget.VideoView;
import android.provider.Settings;

public class controlej extends Activity {
    private Button abri, fechar,ajuste;
    private ToggleButton tgbuttonLuz, tgbuttonTeperatura;
    private SeekBar seekBar;
    private TextView texto;
    private String temp;

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        private Boolean verifica = false;

        protected void onCreate(Bundle savedInstanceState) {
            super.onCreate(savedInstanceState);
            setContentView(R.layout.controle);

            this.setRequestedOrientation(ActivityInfo.SCREEN_ORIENTAT
ION_PORTRAIT);
            setContentView(R.layout.controle);

            this.setVolumeControlStream(AudioManager.STREAM_NOTIFICAT
ION);

            abri = (Button) findViewById(R.id.btabri);
            abri.setOnClickListener(new View.OnClickListener()
{
                public void onClick(View v) {
                    enviaInstrucao("comando", "1001",
"enviacomandos");
                }
            });

            fechar = (Button) findViewById(R.id.btfechar);
            fechar.setOnClickListener(new
View.OnClickListener() {
                public void onClick(View v) {
                    enviaInstrucao("comando", "1011",
"enviacomandos");
                }
            });

            tgbuttonLuz = (ToggleButton)
findViewById(R.id.tBluz);
            tgbuttonLuz.setOnClickListener(new
OnClickListener() {

                @Override
                public void onClick(View v) {
                    // TODO Auto-generated method stub
                    if (tgbuttonLuz.isChecked()) {
                        enviaInstrucao("comando", "1111",
"enviacomandos");

                    } else {
                        enviaInstrucao("comando", "1110",
"enviacomandos");

                    }

                }

            });

            tgbuttonTeperatura = (ToggleButton)
findViewById(R.id.tBcamera);
            tgbuttonTeperatura.setOnClickListener(new
OnClickListener() {

                @Override
                public void onClick(View v) {

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        // TODO Auto-generated method stub
        if (tgbuttonTeperatura.isChecked()) {

            atualizatemperatura();
            verifica = true;
            controleSeekBar();

        } else {

            texto = (TextView)
findViewById(R.id.textView5);
            texto.setText("0");
            enviaInstrucao("comando", "666",
"trocatemperatura");
            verifica = false;

        }

    }

});

}

private void controleSeekBar() {

    seekBar = (SeekBar) findViewById(R.id.seekBar1);
    seekBar.setMax(50);

    try {

        // Listener to receive changes to the
SeekBar4's progress level
        seekBar.setOnSeekBarChangeListener(new
OnSeekBarChangeListener() {

            @Override
            public void onStopTrackingTouch(SeekBar
arg0) {

                // TODO Auto-generated method stub

            }

            @Override
            public void onStartTrackingTouch(SeekBar
arg0) {

                // TODO Auto-generated method stub

            }

            @Override
            public void onProgressChanged(SeekBar
arg0, int progress,
                boolean fromUser) {
                String aux = "";

                if (verifica == true) {

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if ((progress >= 0) &&
(progress <= 5)) {
    Log.i("seekbar", "5");
    aux = "5";

} else if ((progress >= 6) &&
(progress <= 10)) {

    Log.i("seekbar", "10");
    aux = "10";

} else if ((progress >= 11) &&
(progress <= 15)) {

    Log.i("seekbar", "15");
    aux = "15";

} else if ((progress >= 16) &&
(progress <= 20)) {

    Log.i("seekbar", "20");
    aux = "20";

} else if ((progress >= 21) &&
(progress <= 25)) {

    Log.i("seekbar", "25");
    aux = "25";

} else if ((progress >= 26) &&
(progress <= 30)) {

    Log.i("seekbar", "30");
    aux = "30";

} else if ((progress >= 31) &&
(progress <= 35)) {

    Log.i("seekbar", "35");
    aux = "35";

} else if ((progress >= 36) &&
(progress <= 40)) {

    Log.i("seekbar", "40");
    aux = "40";

} else if ((progress >= 41) &&
(progress <= 45)) {

    Log.i("seekbar", "45");
    aux = "45";

} else if ((progress >= 46) &&
(progress <= 50)) {

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        Log.i("seekbar", "50");
        aux = "50";
    }

    }
    trocatemp(aux);

    }

    });
    } catch (Exception e) {
        e.printStackTrace();
    }
}

private void trocatemp(final String x) {

    ajuste = (Button) findViewById(R.id.ajuste);
    ajuste.setOnClickListener(new
View.OnClickListener() {
    public void onClick(View v) {
        String aux = x;
        if (verifica == true) {
            try {
                Log.i("ajuste de temp dentro
do else aux2", aux);
                enviaInstrucao("comando", aux,
"trocatemp");
                atualizatem();

            } catch (Exception e) {
                // TODO: handle exception
                e.printStackTrace();
            }

        }

    }

});

}

private void atualizatem() {
    // TODO Auto-generated method stub
    try {
        Thread.sleep(1000);
        enviaInstrucao("comando", "0000",
"retornatem");
        // Thread.sleep(1000);
        texto = (TextView)
findViewById(R.id.textView5);
        texto.setText(temp);

    } catch (InterruptedException e) {
        // TODO Auto-generated catch block
        e.printStackTrace();
        atualizatem();
    }
}

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    }

    void enviaInstrucao(String acao, String comando, String
pagina) {
        try {
            Thread.sleep(1000);

            Log.i("enviaInstrucao", "entrou no evento");
            String urlPost =
"http://192.168.2.100/android/" + pagina + ".php";
            ArrayList<NameValuePair> parametrosPost = new
ArrayList<NameValuePair>();
            parametrosPost.add(new
BasicNameValuePair(acao, comando));
            String respostaRetorna = null;
            // Log.i("enviaInstrucao", "vai entrar no
try");
            try {
                respostaRetorna =
conexaoj.executaHttpPost(urlPost,
                        parametrosPost);
                // Log.i("enviaInstrucao", "dentro do
try");
                String resposta =
respostaRetorna.toString();
                resposta = resposta.replaceAll("\\s",
                "");

                temp = resposta;
                // Log.i("resposta temp", temp);
            } catch (Exception erro) {
                erro.printStackTrace();
            }
        } catch (InterruptedException e) {
            // TODO Auto-generated catch block
            e.printStackTrace();
        }
    }
}

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