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package com.cyf.challengeyourfriends;

import java.util.ArrayList;

import org.apache.http.NameValuePair;
import org.apache.http.message.BasicNameValuePair;
import org.json.JSONException;
import org.json.JSONObject;

import android.app.Activity;
import android.content.Intent;
import android.os.AsyncTask;
import android.os.Bundle;
import android.util.Log;
import android.view.View;
import android.widget.AdapterView;
import android.widget.AdapterView.OnItemClickListener;
import android.widget.ArrayAdapter;
import android.widget.ListView;
import android.widget.Toast;

public class ChallengeViewServer extends Activity implements
    OnItemClickListener {
    private ListView challengeList;
    private ArrayAdapter<String> mMenuAdapter;
    private ArrayList<String> mStringMenuElems = new ArrayList<String>();
    private ChallengeTopManager cm;
    private ArrayList<Challenge> DBChalList = new ArrayList<Challenge>();

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.server_list_view);
        challengeList = (ListView) findViewById(R.id.
            serverchallengesview_listview);
        challengeList.setBackgroundColor(0xFFFFFFFF);
        cm = new ChallengeTopManager(this, true);
        challengeList.setOnItemClickListener(this);
        new DBRating().execute();
    }

    @Override
    public void onItemClick(AdapterView<?> parent, View view, int position, long
        id) {
        // TODO Auto-generated method stub
        //opens a view of the singular challenge selected
        Intent intent = new Intent(this, ChallengeSingleViewServer.class);
        intent.putExtra("touse", cm.getChallenges().get(position).name);//
            cm.getChallenges().get(position).name);
        startActivity(intent);
    }

    //threaded task for polling the server for challenges
    class DBRating extends AsyncTask<String, String, String> {
        int innerOffset = 0;
```

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public DBRating(){
}

private static final String URL = "http://
    challengeyourfriends.hostei.com/DBAccess.php?OFFSET=";
@Override
protected void onPreExecute() {
    super.onPreExecute();
}

@Override
protected String doInBackground(String... args) {

    for (int i = 0; i < 5; i++) {
        ArrayList<NameValuePair> params = new ArrayList<NameValuePair>();

        // this line is useless
        params.add(new BasicNameValuePair("Offset", i + ""));
        JSONObject obj;
        obj = JSONParser.makeHttpRequest(URL + "" + i, "POST",params);

        String jsonStr = "";

        jsonStr = obj.toString();

        try {
            obj = new JSONObject(jsonStr);
            String name = obj.getString("Name");
            String rules= obj.getString("Rules");
            int rating = obj.getInt("Rating");
            String numdays = obj.getString("NumDays");
            ArrayList<String> rulessss = new ArrayList<String>();
            for(String str : rules.split("___LINE___"))
                rulessss.add(str.replaceAll("_", " "));
            DBChalList.add(new Challenge(name, 0, rulessss, Integer.
                parseInt(numdays), rating));

        } catch (JSONException e) {
        }
    }
    return "";
}

/**
 * After completing background task Dismiss the progress dialog
 * **/
protected void onPostExecute(String result) {
    for(Challenge c : DBChalList)
        cm.addChallenge(c);
    Toast.makeText(getApplicationContext(),"Top challenges loaded", Toast
        .LENGTH_SHORT).show();
    mMenuAdapter = new ArrayAdapter<String>(getBaseContext(),
        android.R.layout.simple_list_item_1, cm.getChallengeNames());
    challengeList.setAdapter(mMenuAdapter);
    log(cm.getChallengeNames().size()+""");
}

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        log(cm.getChallengeNames().size()+"");
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    }

}

void log(String str) {
    Log.w("Menu", str);
}
}
```