package com.dicoding.picodiploma.thridmoviecatalogue;  
  
import android.arch.lifecycle.LiveData;  
import android.arch.lifecycle.MutableLiveData;  
import android.arch.lifecycle.ViewModel;  
import android.graphics.Movie;  
import android.util.Log;  
  
import com.loopj.android.http.AsyncHttpClient;  
import com.loopj.android.http.AsyncHttpResponseHandler;  
  
import org.json.JSONArray;  
import org.json.JSONException;  
import org.json.JSONObject;  
  
import java.util.ArrayList;  
  
import cz.msebera.android.httpclient.Header;  
  
public class ViewModelMovie extends ViewModel {  
  
 private static final String *API\_KEY* = "20ccb4a4efd5760cd22acfcc3bdbe734";  
 private MutableLiveData<ArrayList<ModelMovie>> listMoviss = new MutableLiveData<>();  
 private String TAG = "ViewModel";  
  
 public void setMovie(){  
 AsyncHttpClient client = new AsyncHttpClient();  
 final ArrayList<ModelMovie> listItems = new ArrayList<>();  
 String url = "http://api.themoviedb.org/3/discover/movie?api\_key="+*API\_KEY*+"&language=en-US";  
 Log.*d*(TAG, "1. setMovies URL : " + url);  
  
 client.get(url, new AsyncHttpResponseHandler() {  
 @Override  
 public void onSuccess(int statusCode, Header[] headers, byte[] responseBody) {  
 Log.*d*(TAG, "2. onSuccess : " + responseBody);  
 try {  
  
 String result = new String(responseBody);  
 JSONObject responseObject = new JSONObject(result);  
 JSONArray list = responseObject.getJSONArray("results");  
 Log.*d*("onSuccess", "3. onSuccess : result : " + result);  
  
 for (int i=0; i < list.length(); i++){  
 JSONObject movie = list.getJSONObject(i);  
 ModelMovie modelMovie = new ModelMovie(movie);  
 listItems.add(modelMovie);  
 Log.*d*(TAG, "4. onSuccess : movieData : " + movie);  
 }  
 listMoviss.postValue(listItems);  
 } catch (JSONException e) {  
 Log.*d*(TAG, e.getMessage());  
 }  
 }  
  
 @Override  
 public void onFailure(int statusCode, Header[] headers, byte[] responseBody, Throwable error) {  
 Log.*d*(TAG, error.getMessage());  
 }  
 });  
 }  
  
 LiveData<ArrayList<ModelMovie>> getMovies() {  
 return listMoviss;  
 }  
}