MUSD Prac Assignment Codes (Basic)

## Activity\_main.xml

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 tools:context=".MainActivity">  
  
 <TextView  
 android:text="Title:"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"/>  
 <EditText  
 android:id="@+id/movieName"  
 android:hint="Enter the title of movie"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"/>  
  
 <TextView  
 android:text="Description"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"/>  
 <EditText  
 android:id="@+id/desc"  
 android:hint="Enter a short description of the movie"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:inputType="text"/>  
  
 <TextView  
 android:text="Language"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"/>  
 <RadioGroup  
 android:id="@+id/rgLanguage"  
 android:orientation="horizontal"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
 <RadioButton  
 android:id="@+id/rbtnEnglish"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="English"  
 android:checked="true"/>  
 <RadioButton  
 android:id="@+id/rbtnChinese"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Chinese"/>  
 <RadioButton  
 android:id="@+id/rbtnMalay"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Malay"/>  
 <RadioButton  
 android:id="@+id/rbtnTamil"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Tamil"/>  
 </RadioGroup>  
  
 <TextView  
 android:text="Release Date"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"/>  
 <EditText  
 android:id="@+id/releaseDate"  
 android:hint="Enter Release Date"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:inputType="date"/>  
  
 <CheckBox  
 android:id="@+id/chkBoxRating"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Not suitable for all audiences"/>  
  
 <LinearLayout  
 android:id="@+id/llRatingChecked"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal"  
 android:visibility="gone">  
 <CheckBox  
 android:id="@+id/chkBoxViolence"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Violence"/>  
  
 <CheckBox  
 android:id="@+id/chkBoxLanguage"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Language used"/>  
 </LinearLayout>  
  
 <Button  
 android:id="@+id/btnAddMovie"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Add Movie"  
 android:onClick="onButtonClick"/>  
</LinearLayout>

## Details.xml

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical">  
 <ImageView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:src="@drawable/camera\_icon"/>  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Title:"  
 android:textSize="12dp"/>  
 <TextView  
 android:id="@+id/title"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Venom"  
 android:textSize="20dp"/>  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Overview:"  
 android:textSize="12dp"/>  
 <TextView  
 android:id="@+id/overview"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="When Eddie Brock acquires the powers of a symbiote, he will have to release his alter-ego Venom to save his life."  
 android:textSize="20dp"/>  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Language:"  
 android:textSize="12dp"/>  
 <TextView  
 android:id="@+id/language"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="English"  
 android:textSize="20dp"/>  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Release date:"  
 android:textSize="12dp"/>  
 <TextView  
 android:id="@+id/date"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="03-10-2018"  
 android:textSize="20dp"/>  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Not suitable for children below 13:"  
 android:textSize="12dp"/>  
 <TextView  
 android:id="@+id/suitable"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Yes"  
 android:textSize="20dp"/>  
</LinearLayout>

## Review.xml

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical">  
  
 <TextView  
 android:text="Enter your review for the movie: Venom"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textSize="16dp"/>  
 <RatingBar  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content" android:id="@+id/ratingBar3" android:layout\_weight="1"/>  
 <EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="Share your view on the show"  
 android:minLines="3"  
 android:gravity="top"/>  
</LinearLayout>

## MainActivity.kt

package com.example.a1cher.movierater  
  
import android.content.Intent  
import android.support.v7.app.AppCompatActivity  
import android.os.Bundle  
import android.provider.MediaStore  
import android.view.View  
import android.widget.CheckBox  
import android.widget.EditText  
import android.widget.RadioButton  
import android.widget.Toast  
import kotlinx.android.synthetic.main.activity\_main.\*  
  
class MainActivity : AppCompatActivity() {  
  
 override fun onCreate(savedInstanceState: Bundle?) {  
 super.onCreate(savedInstanceState)  
 setContentView(R.layout.*activity\_main*)  
  
 chkBoxRating.setOnClickListener(View.OnClickListener **{** if(chkBoxRating.*isChecked* == true)  
 {  
 llRatingChecked.setVisibility(View.*VISIBLE*)  
 }  
 else  
 {  
 llRatingChecked.setVisibility(View.*GONE*)  
 chkBoxViolence.setChecked(false)  
 chkBoxLanguage.setChecked(false)  
 }  
 **}**)  
 }  
 fun onButtonClick (v: View){  
 if (movieName.*text*.*isEmpty*() || desc.*text*.*isEmpty*() || releaseDate.*text*.*isEmpty*()) {  
 if (movieName.*text*.*trim*().*isEmpty*())  
 movieName.setError("Field Empty")  
 if (desc.*text*.*trim*().*isEmpty*())  
 desc.setError("Field Empty")  
 if (releaseDate.*text*.*trim*().*isEmpty*())  
 releaseDate.setError("Field Empty")  
 }  
 else  
 {  
 var rGrpId: Int = rgLanguage.*checkedRadioButtonId* val language: RadioButton = findViewById(rGrpId)  
 var reason = ""  
 if (chkBoxRating.*isChecked*)  
 if (chkBoxLanguage.*isChecked* && !chkBoxViolence.*isChecked*)  
 reason = "Language used"  
 else if (chkBoxViolence.*isChecked* && !chkBoxLanguage.*isChecked*)  
 reason = "Violence"  
 else if (!chkBoxViolence.*isChecked* && !chkBoxLanguage.*isChecked*)  
 reason = ""  
 else  
 reason = "Violence \n Language Used"  
  
 Toast.makeText(  
 this,  
 "Title = " + movieName.*text* + "\nOverview = "  
 + desc.*text* + "\n Release Date = " + releaseDate.*text* + "\nLanguage = " + language.*text* + "\nNot Suitable for all ages = " + chkBoxRating.*isChecked* + "\n Reason:\n" + reason,  
 Toast.*LENGTH\_SHORT* ).show()  
 }  
 }  
}

## DetailsActivity.kt

package com.example.a1cher.movierater  
  
import android.content.Intent  
import android.support.v7.app.AppCompatActivity  
import android.os.Bundle  
import android.provider.MediaStore  
import android.view.View  
import android.widget.CheckBox  
import android.widget.EditText  
import android.widget.RadioButton  
import android.widget.Toast  
import kotlinx.android.synthetic.main.activity\_main.\*  
  
class DetailsActivity : AppCompatActivity() {  
  
 override fun onCreate(savedInstanceState: Bundle?) {  
 super.onCreate(savedInstanceState)  
 setContentView(R.layout.*details*)  
 }  
}

## ReviewActivity.kt

package com.example.a1cher.movierater  
  
import android.content.Intent  
import android.support.v7.app.AppCompatActivity  
import android.os.Bundle  
import android.provider.MediaStore  
import android.view.View  
import android.widget.CheckBox  
import android.widget.EditText  
import android.widget.RadioButton  
import android.widget.Toast  
import kotlinx.android.synthetic.main.activity\_main.\*  
  
class DetailsActivity : AppCompatActivity() {  
  
 override fun onCreate(savedInstanceState: Bundle?) {  
 super.onCreate(savedInstanceState)  
 setContentView(R.layout.*details*)  
 }  
}