Movie Rater (Intermediate)

# AndroidManifest.xml

<?xml version="1.0" encoding="utf-8"?>  
<manifest xmlns:android="http://schemas.android.com/apk/res/android"  
 package="com.example.a1cher.movierater">  
  
 <application  
 android:allowBackup="true"  
 android:icon="@mipmap/ic\_launcher"  
 android:label="@string/app\_name"  
 android:roundIcon="@mipmap/ic\_launcher\_round"  
 android:supportsRtl="true"  
 android:theme="@style/AppTheme">  
 <activity android:name=".LandingPageActivity">  
 <intent-filter>  
 <action android:name="android.intent.action.MAIN"/>  
  
 <category android:name="android.intent.category.LAUNCHER"/>  
 </intent-filter>  
 </activity>  
 <activity  
 android:name=".DetailsActivity"  
 android:parentActivityName=".LandingPageActivity"  
 android:exported="true"/>  
 <activity  
 android:name=".ReviewActivity"  
 android:parentActivityName=".DetailsActivity"  
 android:exported="true"/>  
 <activity  
 android:name=".MainActivity"  
 android:parentActivityName=".LandingPageActivity"  
 android:exported="true"/>  
 <activity  
 android:name=".EditDetailsActivity"  
 android:parentActivityName=".LandingPageActivity"  
 android:exported="true">  
 </activity>  
 </application>  
  
</manifest>

# MainActivity.kt

package com.example.a1cher.movierater  
  
import android.content.Intent  
import android.graphics.Movie  
import android.support.v7.app.AppCompatActivity  
import android.os.Bundle  
import android.provider.MediaStore  
import android.view.Menu  
import android.view.MenuItem  
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.\*  
import kotlinx.android.synthetic.main.landingpage.\*  
import java.io.Serializable  
  
class MainActivity : AppCompatActivity() {  
 val DETAILS\_ACTIVITY\_CODE = 1  
 override fun onCreate(savedInstanceState: Bundle?) {  
 super.onCreate(savedInstanceState)  
 setContentView(R.layout.*activity\_main*)  
 *supportActionBar*!!.setDisplayHomeAsUpEnabled(true)  
  
 chkBoxRating.setOnClickListener(View.OnClickListener **{** if(chkBoxRating.*isChecked* == true)  
 {  
 llRatingChecked.setVisibility(View.*VISIBLE*)  
 }  
 else  
 {  
 llRatingChecked.setVisibility(View.*GONE*)  
 chkBoxViolence.setChecked(false)  
 chkBoxLanguage.setChecked(false)  
 }  
 **}**)  
 }  
  
 override fun onCreateOptionsMenu(menu: Menu?): Boolean {  
 *menuInflater*.inflate(R.menu.*main*, menu)  
 return super.onCreateOptionsMenu(menu)  
 }  
  
 override fun onOptionsItemSelected(item: MenuItem?): Boolean {  
 if (item?.*itemId* == R.id.*addMovie*)  
 {  
 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()  
  
 var MovieName = movieName.*text*.toString()  
 var Desc = desc.*text*.toString()  
 var Language = language.*text*.toString()  
 var ReleaseDate = releaseDate.*text*.toString()  
 var Rating = ""  
 var RatingViolence = ""  
 var RatingLanguage = ""  
 if (chkBoxRating.*isChecked*){  
 Rating = "No"  
 if (chkBoxLanguage.*isChecked* && !chkBoxViolence.*isChecked*)  
 RatingLanguage = "(Language used)"  
 else if (chkBoxViolence.*isChecked* && !chkBoxLanguage.*isChecked*)  
 RatingViolence = "(Violence)"  
 else if (chkBoxViolence.*isChecked* && chkBoxLanguage.*isChecked*) {  
 RatingLanguage = "(Language used)"  
 RatingViolence = "(Violence)"  
 }  
 }else{  
 Rating = "Yes"  
 }  
  
 var classMovie = MovieClass(name = MovieName, description = Desc, language = Language, releaseDate = ReleaseDate, rating = Rating, rViolence = RatingViolence, rLanguage = RatingLanguage)  
  
 var myIntent = Intent(this, DetailsActivity::class.*java*)  
 myIntent.putExtra("MOVIE\_CLASS\_OBJECT", classMovie as Serializable)  
 startActivityForResult(myIntent, DETAILS\_ACTIVITY\_CODE)  
  
 }  
 }else if(item?.*itemId* == R.id.*clear*){  
 movieName.setText("")  
 desc.setText("")  
 rbtnEnglish.*isChecked* releaseDate.setText("")  
 chkBoxRating.*isChecked* = false  
 llRatingChecked.setVisibility(View.*GONE*)  
 chkBoxViolence.setChecked(false)  
 chkBoxLanguage.setChecked(false)  
 }  
 return super.onOptionsItemSelected(item)  
 }  
}

# 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>

# main.xml

<?xml version="1.0" encoding="utf-8"?>  
<menu xmlns:android="http://schemas.android.com/apk/res/android" xmlns:app="http://schemas.android.com/apk/res-auto">  
 <item  
 android:id="@+id/addMovie"  
 android:title="Add"  
 app:showAsAction="always"/>  
 <item  
 android:id="@+id/clear"  
 android:title="Clear Entries"  
 app:showAsAction="never"/>  
</menu>

# DetailsActivity.kt

package com.example.a1cher.movierater  
  
import android.app.Activity  
import android.content.Intent  
import android.media.Rating  
import android.support.v7.app.AppCompatActivity  
import android.os.Bundle  
import android.provider.MediaStore  
import android.view.ContextMenu  
import android.view.MenuItem  
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.\*  
import kotlinx.android.synthetic.main.details.\*  
import kotlinx.android.synthetic.main.review.\*  
import org.intellij.lang.annotations.Language  
  
class DetailsActivity : AppCompatActivity() {  
 val REVIEW\_ACTIVITY\_CODE = 1  
 var checkReview = false  
 override fun onCreate(savedInstanceState: Bundle?) {  
 super.onCreate(savedInstanceState)  
 setContentView(R.layout.*details*)  
 *supportActionBar*!!.setDisplayHomeAsUpEnabled(true)  
 registerForContextMenu(addReview)  
  
 val classMovie = *intent*.*extras*.get("MOVIE\_CLASS\_OBJECT") as MovieClass  
  
 movieTitle.*text* = classMovie.name  
 description.*text* = classMovie.description  
 language.*text* = classMovie.language  
 date.*text* = classMovie.releaseDate  
 suitable.*text* = classMovie.rating + " " + classMovie.rViolence + " " + classMovie.rLanguage  
  
 }  
  
 override fun onActivityResult(requestCode: Int, resultCode: Int, data: Intent?) {  
 if (requestCode == 5) {  
 if (resultCode == Activity.*RESULT\_OK*) {  
 val Review = data!!.getStringExtra("review")  
 val RatingBar = data!!.getFloatExtra("ratingBar", 0f)  
 review.*text* = Review  
 ratingBar3.*visibility* = View.*VISIBLE* review.*visibility* = View.*VISIBLE* addReview.*visibility* = View.*GONE* ratingBar3.setRating(RatingBar)  
 }  
 }  
 super.onActivityResult(requestCode, resultCode, data)  
 }  
  
 override fun onCreateContextMenu(menu: ContextMenu?, v: View?, menuInfo: ContextMenu.ContextMenuInfo?) {  
 super.onCreateContextMenu(menu, v, menuInfo)  
 if (v?.*id* == R.id.*addReview*) {  
 menu?.add(1, 1001, 1, "Add Review")  
 }  
 }  
  
 override fun onContextItemSelected(item: MenuItem?): Boolean {  
 if(item?.*itemId* == 1001){  
 checkReview = true  
 var myIntent = Intent(this, ReviewActivity::class.*java*)  
 startActivityForResult(myIntent, 5)  
 }  
 return super.onContextItemSelected(item)  
 }  
}

# 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="14dp"/>  
 <TextView  
 android:id="@+id/movieTitle"  
 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="14dp"/>  
 <TextView  
 android:id="@+id/description"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="This movie involves many people hitting each other:"  
 android:textSize="20dp"/>  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Reviews:"  
 android:textSize="14dp"/>  
 <RatingBar  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/ratingBar3"  
 android:layout\_weight="1"  
 android:isIndicator="true"  
 android:visibility="gone"/>  
 <TextView  
 android:id="@+id/review"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Invisible Review"  
 android:textSize="16dp"  
 android:visibility="gone"/>  
 <TextView  
 android:id="@+id/addReview"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="No Reviews Yet \nLong press here to add your review"  
 android:textSize="20dp"  
 android:visibility="visible"/>  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Language:"  
 android:textSize="14dp"/>  
 <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="14dp"/>  
 <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="14dp"/>  
 <TextView  
 android:id="@+id/suitable"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Yes"  
 android:textSize="20dp"/>  
</LinearLayout>

# EditDetailsActivity.kt

package com.example.a1cher.movierater  
  
import android.content.Intent  
import android.support.v7.app.AppCompatActivity  
import android.os.Bundle  
import android.view.Menu  
import android.view.MenuItem  
  
class EditDetailsActivity : AppCompatActivity() {  
 val DETAILS\_ACTIVITY\_CODE = 1  
 override fun onCreate(savedInstanceState: Bundle?) {  
 super.onCreate(savedInstanceState)  
 setContentView(R.layout.*edit\_details*)  
 *supportActionBar*!!.setDisplayHomeAsUpEnabled(true)  
 }  
  
 override fun onCreateOptionsMenu(menu: Menu?): Boolean {  
 *menuInflater*.inflate(R.menu.*edit\_details\_menu*, menu)  
 return super.onCreateOptionsMenu(menu)  
 }  
  
 override fun onOptionsItemSelected(item: MenuItem?): Boolean {  
 if(item?.*itemId* == R.id.*saveMovie*)  
 {  
 var myIntent = Intent(this, DetailsActivity::class.*java*)  
 startActivityForResult(myIntent, DETAILS\_ACTIVITY\_CODE)  
 }  
 else if(item?.*itemId* == R.id.*cancel*)  
 {  
 onBackPressed()  
 }  
 return super.onOptionsItemSelected(item)  
 }  
}

# edit\_detail.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>  
  
</LinearLayout>

# edit\_detail\_menu.xml (menu)

<?xml version="1.0" encoding="utf-8"?>  
<menu xmlns:android="http://schemas.android.com/apk/res/android" xmlns:app="http://schemas.android.com/apk/res-auto">  
 <item  
 android:id="@+id/saveMovie"  
 android:title="Save"  
 app:showAsAction="always"/>  
 <item  
 android:id="@+id/cancel"  
 android:title="Cancel"  
 app:showAsAction="always"/>  
</menu>

# LandingPage.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.ContextMenu  
import android.view.MenuItem  
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.\*  
import kotlinx.android.synthetic.main.landingpage.\*  
  
class LandingPageActivity : AppCompatActivity() {  
 val MAIN\_ACTIVITY\_CODE = 1;  
 override fun onCreate(savedInstanceState: Bundle?) {  
 super.onCreate(savedInstanceState)  
 setContentView(R.layout.*landingpage*)  
 registerForContextMenu(addMovie)  
 }  
  
 override fun onCreateContextMenu(menu: ContextMenu?, v: View?, menuInfo: ContextMenu.ContextMenuInfo?) {  
 super.onCreateContextMenu(menu, v, menuInfo)  
 if (v?.*id* == R.id.*addMovie*) {  
 menu?.add(1, 1001, 1, "Add")  
 }  
 }  
  
 override fun onContextItemSelected(item: MenuItem?): Boolean {  
 if(item?.*itemId* == 1001){  
 var myIntent = Intent(this, MainActivity::class.*java*)  
 startActivityForResult(myIntent, MAIN\_ACTIVITY\_CODE)  
 }  
 return super.onContextItemSelected(item)  
 }  
}

# landingpage.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="match\_parent"  
android:orientation="vertical">  
<TextView  
 android:id="@+id/addMovie"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:text="You have not added a movie \n Long press me to add a movie"  
 android:gravity="center"/>  
</LinearLayout>

# ReviewActivity.kt

package com.example.a1cher.movierater  
  
import android.app.Activity  
import android.content.Intent  
import android.graphics.Movie  
import android.support.v7.app.AppCompatActivity  
import android.os.Bundle  
import android.provider.MediaStore  
import android.view.Menu  
import android.view.MenuItem  
import android.view.View  
import android.widget.\*  
import kotlinx.android.synthetic.main.activity\_main.\*  
import kotlinx.android.synthetic.main.review.\*  
import java.io.Serializable  
  
class ReviewActivity : AppCompatActivity() {  
 val DETAILS\_ACTIVITY\_CODE = 1  
 override fun onCreate(savedInstanceState: Bundle?) {  
 super.onCreate(savedInstanceState)  
 setContentView(R.layout.*review*)  
 *supportActionBar*!!.setDisplayHomeAsUpEnabled(true)  
 }  
  
 override fun onCreateOptionsMenu(menu: Menu?): Boolean {  
 *menuInflater*.inflate(R.menu.*review\_menu*, menu)  
 return super.onCreateOptionsMenu(menu)  
 }  
  
 override fun onOptionsItemSelected(item: MenuItem?): Boolean {  
 if(item?.*itemId* == R.id.*submitReview*){  
 if (movieReview.*text*.*trim*().*isEmpty*()) {  
 movieReview.setError("Field Empty")  
 }else{  
 val MovieReview = movieReview.*text*.toString()  
 val RatingBar = ratingBar.*rating* val myIntent = Intent()  
 myIntent.putExtra("review",MovieReview)  
 myIntent.putExtra("ratingBar", RatingBar)  
 setResult(Activity.*RESULT\_OK*, myIntent)  
 finish()  
 }  
 }  
 return super.onOptionsItemSelected(item)  
 }  
}

# 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:id="@+id/titleTag"  
 android:text="Enter your review for the movie: "  
 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/ratingBar"  
 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"  
 android:id="@+id/movieReview"/>  
</LinearLayout>

# Review.menu.xml

<?xml version="1.0" encoding="utf-8"?>  
<menu xmlns:android="http://schemas.android.com/apk/res/android" xmlns:app="http://schemas.android.com/apk/res-auto">  
 <item  
 android:id="@+id/submitReview"  
 android:title="Submit"  
 app:showAsAction="always"/>  
</menu>