**TUTORIAL PEMBUATAN PROJECT APLIKASI**

**PEMOGRAMAN MOBILE 1**



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**PROGRAM STUDI TEKNIK INFORMATIKA**
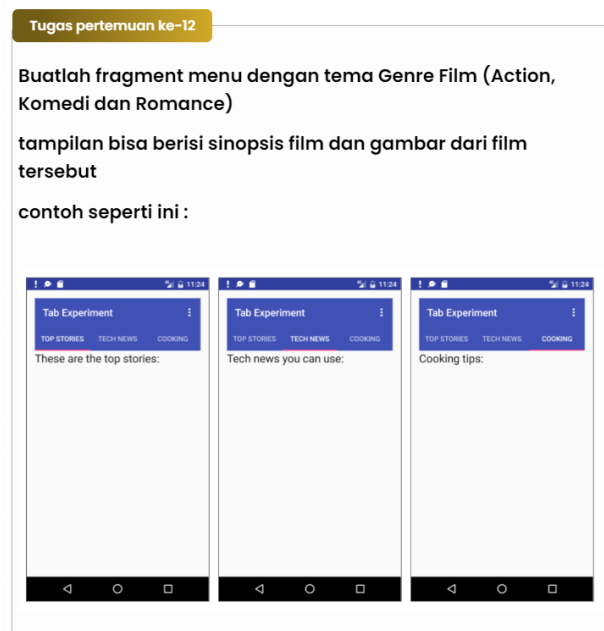
**FAKULTAS TEKNIK**

**UNIVERSITAS PELITA BANGSA**

**2024/2025**

❖ Tugas 3

**Tugas pertemuan ke-12**

Buatlah fragment menu dengan tema Genre Film (Action, Komedi dan Romance)

tampilan bisa berisi sinopsis film dan gambar dari film tersebut

contoh seperti ini :



❖ Penjelasan & Hasil Program Tugas 3

> Pada tugas 3 untuk cara dan isi code nya sama seperti pada tugas 2 hanya menyesuaikan saja dengan yang baru.

**Fill in All The Code in This Project :**

❖ . Gradle Script => `build.gradle.kts (Module :app)`

```
plugins {

    id("com.android.application")

}


android {

    namespace = "com.UAS "

    compileSdk = 34


    defaultConfig {

        applicationId = "com.UAS "

        minSdk = 21

        targetSdk = 33

        versionCode = 1

        versionName = "1.0"


        testInstrumentationRunner = "androidx.test.runner.AndroidJUnitRunner"

    }


    buildTypes {
```

```kotlin
        release {

            isMinifyEnabled = false

            proguardFiles(getDefaultProguardFile("proguard-android-optimize.txt"),
"proguard-rules.pro")

        }

    }

    compileOptions {

        sourceCompatibility = JavaVersion.VERSION_1_8

        targetCompatibility = JavaVersion.VERSION_1_8

    }

    buildToolsVersion = "34.0.0"

}


dependencies {

    val fragment_version = "1.6.1"

    implementation("androidx.appcompat:appcompat:1.6.1")

    implementation("com.google.android.material:material:1.10.0")

    implementation("androidx.constraintlayout:constraintlayout:2.1.4")

    testImplementation("junit:junit:4.13.2")

    androidTestImplementation("androidx.test.ext:junit:1.1.5")

    androidTestImplementation("androidx.test.espresso:espresso-core:3.5.1")
```

```
    implementation("androidx.fragment:fragment:$fragment_version")

}
```

- Setelah itu klik `Sync now`

❖ **AndroidManifest.xm**l

- Lengkapi code ini pada `AndroidManifest.xml` yang sudah berisikan dengan code-code di project sebelumnya.

```
<activity android:name=".VideoPlayerActivity" />
```

❖ **Java**

=> Pada `MainActivity.java` saya melakukan penambahan code, yaitu isi code keseluruhannya adalah :

-`MainAcitivity.java`

```
package com.UAS;


import android.annotation.SuppressLint;
```

```java
import android.content.Intent;

import android.net.Uri;

import android.os.Bundle;

import android.view.View;

import androidx.appcompat.app.AppCompatActivity;




public class MainActivity extends AppCompatActivity {


    @SuppressLint("MissingInflatedId")

    @Override

    protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_main);


        findViewById(R.id.cdMenu5).setOnClickListener(new  View.OnClickListener()
{

            @Override

            public void onClick(View v) {


                setAlarm();
```

```java
            }
        });


        findViewById(R.id.cdMenu1).setOnClickListener(new  View.OnClickListener()
{
            @Override

            public void onClick(View v) {

                // Ketika tombolSatu ditekan, pindah ke HelloActivity

                Intent helloworld = new Intent(MainActivity.this, HelloActivity.class);

                startActivity(helloworld);

            }
        });


        findViewById(R.id.cdMenu2).setOnClickListener(new  View.OnClickListener()
{
            @Override

            public void onClick(View v) {

                // Ketika tombolDua ditekan, lakukan aksi yang diinginkan

                // Misalnya, pindah ke aktivitas lain atau jalankan fungsi khusus

                Intent toast = new Intent(MainActivity.this, CountActivity.class);

                startActivity(toast);
```

```java
            }

        });


        findViewById(R.id.cdMenu3).setOnClickListener(new  View.OnClickListener()
{

            @Override

            public void onClick(View v) {

                // Ketika tombolDua ditekan, lakukan aksi yang diinginkan

                // Misalnya, pindah ke aktivitas lain atau jalankan fungsi khusus

                Intent sianida = new Intent(MainActivity.this, SianidaActivity.class);

                startActivity(sianida);

            }

        });


        findViewById(R.id.cdMenu4).setOnClickListener(new  View.OnClickListener()
{

            @Override

            public void onClick(View v) {

                // Ketika tombolDua ditekan, lakukan aksi yang diinginkan

                // Misalnya, pindah ke aktivitas lain atau jalankan fungsi khusus

                Intent twoactivity = new Intent(MainActivity.this, TwoActivity.class);
```

```java
            startActivity(twoactivity);

        }

    });


    findViewById(R.id.cdMenu7).setOnClickListener(new  View.OnClickListener()
{

        @Override

        public void onClick(View v) {

            // Ketika tombolDua ditekan, lakukan aksi yang diinginkan

            // Misalnya, pindah ke aktivitas lain atau jalankan fungsi khusus

            Intent fragmentactivity = new Intent(MainActivity.this,
FragmentActivity.class);

            startActivity(fragmentactivity);

        }

    });


    findViewById(R.id.cdMenu6).setOnClickListener(new  View.OnClickListener()
{

        @Override

        public void onClick(View v) {

            // Example location: Jakarta, Indonesia
```

```java
            Uri geoLocation = Uri.parse("geo:-6.2088,106.8456");

            openMaps(geoLocation);

        }

    });

}


    private void setAlarm() {

        Intent alarmIntent = new
Intent(android.provider.AlarmClock.ACTION_SET_ALARM);

        // Add extra details for the alarm, e.g., alarm time, label, etc.

        // alarmIntent.putExtra(...

        startActivity(alarmIntent);

    }

    private void openMaps(Uri geoLocation) {

        Intent maps = new Intent(Intent.ACTION_VIEW);

        maps.setData(geoLocation);

        if (maps.resolveActivity(getPackageManager()) != null) {

            startActivity(maps);

        }

    }
```

```
    }
```

> Note : Isi code pada keseluruhan tugas 3 ini tetap sama seperti pada isi code tugas 2 yaitu seperti *Java class* dan untuk *res/layout* hanya sedikit merubah design, pada tugas 3 ini saya hanya mencantumkan dan menjelaskan code-code yang ditambahkan untuk `Fragment` saja.

- Untuk package name bisa di sesuaikan dengan package name project kita masing-masing, disini saya melanjutkan dari package name project sebelumnya.

`FragmentActivity.java`

```
package com.UAS;

import androidx.annotation.NonNull;

import androidx.appcompat.app.AppCompatActivity;

import androidx.fragment.app.Fragment;

import androidx.fragment.app.FragmentManager;

import androidx.fragment.app.FragmentStatePagerAdapter;

import androidx.viewpager2.widget.ViewPager2;
```

```java
import android.annotation.SuppressLint;

import android.content.Context;

import android.graphics.drawable.ColorDrawable;

import android.os.Bundle;


import com.google.android.material.tabs.TabLayout;


import java.util.Objects;


public class FragmentActivity extends AppCompatActivity {


    TabLayout tabLayout;

    ViewPager2 viewPager2;

    ViewAdapter adapter;


    @SuppressLint({"NewApi", "MissingInflatedId"})

    @Override

    protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_movie);
```

```java
Objects.requireNonNull(getSupportActionBar()).setBackgroundDrawable(new
ColorDrawable(getColor(R.color.cream)));


    tabLayout = findViewById(R.id.tab);

    viewPager2 = findViewById(R.id.view);

    adapter = new ViewAdapter(this);

    viewPager2.setAdapter(adapter);


    tabLayout.addOnTabSelectedListener(new
TabLayout.OnTabSelectedListener() {

      @Override

      public void onTabSelected(TabLayout.Tab tab) {

        viewPager2.setCurrentItem(tab.getPosition());

      }


      @Override

      public void onTabUnselected(TabLayout.Tab tab) {


      }
```

```java
            @Override

            public void onTabReselected(TabLayout.Tab tab) {


            }

        });


    class Halaman extends FragmentStatePagerAdapter {

        Context context;

        int jumlah_tab;


        Halaman(Context context, FragmentManager fm, int jml_tab)

        {

            super(fm);

            this.context=context;

            this.jumlah_tab=jml_tab;

        }


        @NonNull

        @Override
```

```java
public Fragment getItem(int posisition){

    switch (posisition){

        case 0:return new ActionFragment();

        case 1:return new ComedyFragment();

        case 2:return new RomanceFragment();

    }

    return null;

}


@Override

public int getCount(){

    return jumlah_tab;

}

}


viewPager2.registerOnPageChangeCallback(new
ViewPager2.OnPageChangeCallback() {

    @Override

    public void onPageSelected(int position) {

        super.onPageSelected(position);

        tabLayout.getTabAt(position).select();
```

```
        }

    });


    }

}
```

=> Membuat file fragment dengan cara klik kanan pada `MainActivity.java` lalu pilih dan klik fragment, setelah itu kita pilih dan klik fragment (Blank), setelah itu kita beri nama `ActionFragment`, `HororFragment`, `RomanceFragment`. Untuk file fragment sudah sekaligus dengan file layout xml nya (code berada pada bagian res `layout`)


`ActionFragment.java` :

```
package com.UAS;


import android.content.Intent;

import android.os.Bundle;

import android.util.Log;

import android.view.LayoutInflater;

import android.view.Menu;

import android.view.MenuInflater;
```

```java
import android.view.MenuItem;

import android.view.View;

import android.view.ViewGroup;

import android.widget.Button;

import android.widget.Toast;


import androidx.fragment.app.Fragment;


public class ActionFragment extends Fragment {


    private static final String TAG = "ActionFragment";


    @Override

    public View onCreateView(LayoutInflater inflater, ViewGroup container,

                    Bundle savedInstanceState) {

        // Inflate the layout for this fragment

        setHasOptionsMenu(true);

        View view = inflater.inflate(R.layout.fragment_action, container, false);
```

```java
// Find the button by its ID

Button avengerButton = view.findViewById(R.id.avenger);

Button myNameButton = view.findViewById(R.id.myname);

Button spidermanButton = view.findViewById(R.id.spiderman);


// Set click listener for each button

avengerButton.setOnClickListener(new View.OnClickListener() {

    @Override

    public void onClick(View v) {

        Log.d(TAG, "Avenger button clicked");

        playVideo(R.raw.avenger);

    }

});


myNameButton.setOnClickListener(new View.OnClickListener() {

    @Override

    public void onClick(View v) {

        Log.d(TAG, "MyName button clicked");

        playVideo(R.raw.myname);

    }
```

```java
        });



        spidermanButton.setOnClickListener(new View.OnClickListener() {

            @Override

            public void onClick(View v) {

                Log.d(TAG, "Spiderman button clicked");

                playVideo(R.raw.spiderman);

            }

        });



        return view;

    }



    @Override

    public void onCreateOptionsMenu(Menu menu, MenuInflater inflater) {

        inflater.inflate(R.menu.menu_tab, menu);

    }



    @Override

    public boolean onOptionsItemSelected(MenuItem item) {
```

```java
        if (item.getItemId() == R.id.tab_action) {

            Toast.makeText(getActivity(), "Clicked on " + item.getTitle(), Toast.LENGTH_SHORT)

                    .show();

        }

        return true;

    }


    private void playVideo(int videoResource) {

        String videoPath = "android.resource://" + getActivity().getPackageName() + "/" + videoResource;

        Intent intent = new Intent(getActivity(), VideoPlayerActivity.class);

        intent.putExtra("VIDEO_PATH", videoPath);

        startActivity(intent);

    }

}
```

`ComedyFragment.java` :

```
package com.UAS;
```

```java
import android.content.Intent;

import android.os.Bundle;

import android.util.Log;

import android.view.LayoutInflater;

import android.view.Menu;

import android.view.MenuInflater;

import android.view.MenuItem;

import android.view.View;

import android.view.ViewGroup;

import android.widget.Button;

import android.widget.Toast;



import androidx.fragment.app.Fragment;



public class ComedyFragment extends Fragment {


    private static final String TAG = "ComedyFragment";


    @Override
```

```java
public View onCreateView(LayoutInflater inflater, ViewGroup container,

                Bundle savedInstanceState) {

    // Inflate the layout for this fragment

    setHasOptionsMenu(true);

    View view = inflater.inflate(R.layout.fragment_comedy, container, false);


    // Find the button by its ID

    Button cektokosebelahButton = view.findViewById(R.id.cektokosebelah);

    Button friendzoneButton = view.findViewById(R.id.friendzone);

    Button hospitalplaylistButton = view.findViewById(R.id.hospitalplaylist);


    // Set click listener for each button

    cektokosebelahButton.setOnClickListener(new View.OnClickListener() {

        @Override

        public void onClick(View v) {

            Log.d(TAG, "Cektokosebelah2 button clicked");

            playVideo(R.raw.cektokosebelah2);

        }

    });
```

```java
friendzoneButton.setOnClickListener(new View.OnClickListener() {

    @Override

    public void onClick(View v) {

        Log.d(TAG, "Friendzone button clicked");

        playVideo(R.raw.friendzone);

    }

});


hospitalplaylistButton.setOnClickListener(new View.OnClickListener() {

    @Override

    public void onClick(View v) {

        Log.d(TAG, "HospitalPlaylist button clicked");

        playVideo(R.raw.hospitalplaylist);

    }

});


return view;

}


@Override
```

```java
public void onCreateOptionsMenu(Menu menu, MenuInflater inflater) {

    inflater.inflate(R.menu.menu_tab, menu);

}


@Override

public boolean onOptionsItemSelected(MenuItem item) {

    if (item.getItemId() == R.id.tab_comedy) {

        Toast.makeText(getActivity(), "Clicked on " + item.getTitle(),
Toast.LENGTH_SHORT)

            .show();

    }

    return true;

}


private void playVideo(int videoResource) {

    String videoPath = "android.resource://" + getActivity().getPackageName()
+ "/" + videoResource;

    Intent intent = new Intent(getActivity(), VideoPlayerActivity.class);

    intent.putExtra("VIDEO_PATH", videoPath);

    startActivity(intent);

}
```

```
        }
```


`RomanceFragment.java` :

```
package com.UAS;


import android.content.Intent;

import android.os.Bundle;

import android.util.Log;

import android.view.LayoutInflater;

import android.view.Menu;

import android.view.MenuInflater;

import android.view.MenuItem;

import android.view.View;

import android.view.ViewGroup;

import android.widget.Button;

import android.widget.Toast;


import androidx.fragment.app.Fragment;
```

```java
import com.cipaapps.VideoPlayerActivity;


public class RomanceFragment extends Fragment {

    private static final String TAG = "RomanceFragment";


    @Override
    public View onCreateView(LayoutInflater inflater, ViewGroup container,
                             Bundle savedInstanceState) {
        // Inflate the layout for this fragment
        setHasOptionsMenu(true);
        View view = inflater.inflate(R.layout.fragment_romance, container, false);


        // Find the button by its ID
        Button centurygirlButton = view.findViewById(R.id.centurygirl);
        Button cheerupButton = view.findViewById(R.id.cheerup);
        Button hiddenloveButton = view.findViewById(R.id.hiddenlove);
```

```java
// Set click listener for each button

centurygirlButton.setOnClickListener(new View.OnClickListener() {

    @Override

    public void onClick(View v) {

        Log.d(TAG, "Centurygirl button clicked");

        playVideo(R.raw.centurygirl);

    }

});


cheerupButton.setOnClickListener(new View.OnClickListener() {

    @Override

    public void onClick(View v) {

        Log.d(TAG, "Cheerup button clicked");

        playVideo(R.raw.cheerup);

    }

});


hiddenloveButton.setOnClickListener(new View.OnClickListener() {

    @Override

    public void onClick(View v) {
```

```java
            Log.d(TAG, "Hiddenlove button clicked");

            playVideo(R.raw.hiddenlove);

        }

    });


    return view;

}



@Override

public void onCreateOptionsMenu(Menu menu, MenuInflater inflater) {

    inflater.inflate(R.menu.menu_tab, menu);

}



@Override

public boolean onOptionsItemSelected(MenuItem item) {

    if (item.getItemId() == R.id.tab_romance) {

        Toast.makeText(getActivity(), "Clicked on " + item.getTitle(),
Toast.LENGTH_SHORT)

            .show();

    }

    return true;
```

```
    }


    private void playVideo(int videoResource) {

        String videoPath = "android.resource://" + getActivity().getPackageName()
+ "/" + videoResource;

        Intent intent = new Intent(getActivity(), VideoPlayerActivity.class);

        intent.putExtra("VIDEO_PATH", videoPath);

        startActivity(intent);

    }

}
```

=> Lalu buat java class dengan nama `ViewAdapter.java`, yang berisi code :

```
package com.UAS;


import androidx.annotation.NonNull;

import androidx.fragment.app.Fragment;

import androidx.fragment.app.FragmentActivity;

import androidx.viewpager2.adapter.FragmentStateAdapter;
```

```java
public class ViewAdapter extends FragmentStateAdapter {

    public ViewAdapter(@NonNull FragmentActivity fragmentActivity) {

        super(fragmentActivity);

    }


    @NonNull

    @Override

    public Fragment createFragment(int position) {

        switch (position){

            case 0:

                return new ActionFragment();

            case 1:

                return new ComedyFragment();

            case 2:

                return new RomanceFragment();

            default:

                return new ActionFragment();

        }

    }
```

```
    @Override

    public int getItemCount() {

        return 3;

    }

}
```

=> Setelah itu membuat java class untuk memutar video dengan nama `VideoPlayerActivity.java`, yang berisi code :

```
package com.UAS;

import android.content.pm.ActivityInfo;

import android.net.Uri;

import android.os.Bundle;

import android.view.Menu;

import android.view.MenuItem;

import android.view.View;

import android.view.ViewGroup;

import android.widget.MediaController;

import android.widget.RelativeLayout;
```

```java
import android.widget.VideoView;

import androidx.annotation.NonNull;

import androidx.annotation.Nullable;

import androidx.appcompat.app.AppCompatActivity;


public class VideoPlayerActivity extends AppCompatActivity {

    private VideoView videoView; // Deklarasi VideoView sebagai variabel global

    private int originalOrientation;


    @Override
    protected void onCreate(@Nullable Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_video_player);


        // Get the video URI from the intent

        String videoPath = getIntent().getStringExtra("VIDEO_PATH");

        Uri uri = Uri.parse(videoPath);
```

```java
// Set up VideoView

videoView = findViewById(R.id.videoView); // Inisialisasi variabel videoView

videoView.setVideoURI(uri);


// Set up MediaController

MediaController mediaController = new MediaController(this);

mediaController.setAnchorView(videoView);

videoView.setMediaController(mediaController);


// Start playing the video

videoView.start();


// Get the original orientation

originalOrientation = getResources().getConfiguration().orientation;


// Adjust video layout based on the original orientation

adjustVideoLayout(originalOrientation);
}
```

```java
@Override

protected void onResume() {

    super.onResume();

    // Detect orientation changes and adjust VideoView layout

    int currentOrientation = getResources().getConfiguration().orientation;

    if (currentOrientation != originalOrientation) {

        adjustVideoLayout(currentOrientation);

        originalOrientation = currentOrientation;

    }

}


private void adjustVideoLayout(int orientation) {

    if (orientation == ActivityInfo.SCREEN_ORIENTATION_LANDSCAPE ||

            orientation ==
ActivityInfo.SCREEN_ORIENTATION_REVERSE_LANDSCAPE) {

        // Landscape mode

        setFullscreen(true);

    } else {

        // Portrait or other orientations

        setFullscreen(false);

    }
```

```java
    }

    private void setFullscreen(boolean fullscreen) {

        if (fullscreen) {

            // Hide action bar

            if (getSupportActionBar() != null) {

                getSupportActionBar().hide();

            }


            // Set VideoView layout parameters for fullscreen

            RelativeLayout.LayoutParams params = new
RelativeLayout.LayoutParams(

                    ViewGroup.LayoutParams.MATCH_PARENT,

                    ViewGroup.LayoutParams.MATCH_PARENT

            );

            params.addRule(RelativeLayout.CENTER_IN_PARENT);

            videoView.setLayoutParams(params);


            // Hide navigation bar and status bar

            getWindow().getDecorView().setSystemUiVisibility(

                    View.SYSTEM_UI_FLAG_FULLSCREEN |
```

```java
                View.SYSTEM_UI_FLAG_HIDE_NAVIGATION |

                View.SYSTEM_UI_FLAG_IMMERSIVE_STICKY);

    } else {

        // Show action bar

        if (getSupportActionBar() != null) {

            getSupportActionBar().show();

        }



        // Set VideoView layout parameters for normal mode

        RelativeLayout.LayoutParams params = new
RelativeLayout.LayoutParams(

                ViewGroup.LayoutParams.MATCH_PARENT,

                ViewGroup.LayoutParams.WRAP_CONTENT

        );

        params.addRule(RelativeLayout.CENTER_IN_PARENT);

        videoView.setLayoutParams(params);



        // Show navigation bar and status bar

        getWindow().getDecorView().setSystemUiVisibility(

                View.SYSTEM_UI_FLAG_VISIBLE);

    }
```

```java
    }

    @Override

    public boolean onCreateOptionsMenu(Menu menu) {

        getMenuInflater().inflate(R.menu.menu_video_player, menu);

        return true;

    }

    @Override

    public boolean onOptionsItemSelected(@NonNull MenuItem item) {

        if (item.getItemId() == R.id.action_back) {

            // Tambahkan logika untuk kembali ke halaman sebelumnya atau finish
activity

            finish();

            return true;

        }

        return super.onOptionsItemSelected(item);

    }
}
```

❖ **res**

=> Pada bagian `Drawable` saya menambahkan *Drawable Resource File*
dengan nama `bg_cardview.xml`, yang berisikan code :

```
<!-- cardview_pressed_effect.xml -->

<selector xmlns:android="http://schemas.android.com/apk/res/android">

    <item android:state_pressed="true">

        <shape android:shape="rectangle">

            <!-- Ganti warna latar belakang yang diinginkan saat CardView ditekan -->

            <solid android:color="#F6F7F9" />

            <corners android:radius="20dp"/>

        </shape>

    </item>

    <item>

        <!-- Warna latar belakang default saat tidak ditekan -->

        <shape android:shape="rectangle">

            <solid android:color="#008BD7EE" />\

        </shape>
```

```
      </item>

</selector>
```

=> `values`

- `colors.xml` :

```
<?xml version="1.0" encoding="utf-8"?>

<resources>

    <color name="black">#FF000000</color>

    <color name="white">#FFFFFFFF</color>

    <color name="blue">#3700B3</color>

    <color name="pink">#FFC0CB</color>

    <color name="colorPrimary">#3F5185</color>

    <color name="colorPrimaryDark">#303F9F</color>

    <color name="colorAccent">#FF4081</color>

    <color name="salem">#F8C6E6</color>

    <color name ="purple">#E3A2ED</color>

    <color name="biru">#8FC2EA</color>
```

```
    <color name="hijaumuda">#C2E69C</color>

    <color name="coklat">#65362c</color>

    <color name="abu">#B0B0B2</color>

    <color name="tosca">#70AE98</color>

    <color name="soft">#AED9EA</color>

    <color name="pastel">#5E96AE</color>

</resources>
```

=> `strings.xml` (tambahkan code strings.xml dibawah ini dengan code strings.xml pada project sebelumnya yaitu tugas 2) :

```
<resources>

 <string name="app_name">UAS</string>

    <!-- TODO: Remove or change this placeholder text -->

<string name="hello_blank_fragment">Hello blank fragment</string>

</resources>
```

=> `themes`

- `themes.xml` dan `themes.xml(night)` (sama isi code nya) :

```
<resources xmlns:tools="http://schemas.android.com/tools">

    <!-- Base application theme. -->

    <style name="SplashScreen"
parent="Theme.MaterialComponents.DayNight.NoActionBar">

        <item name="android:windowBackground">@drawable/splash</item>

        <item name="android:statusBarColor">?attr/colorOnPrimary</item>

    </style>


    <!-- Base application theme. -->

    <style name="Base.Theme.TabExperiment"
parent="Theme.MaterialComponents.DayNight.DarkActionBar">

        <!-- Primary brand color. -->

        <item name="colorPrimary">@color/colorPrimary</item>

        <item name="colorPrimaryVariant">@color/cream</item>

        <item name="colorOnPrimary">@color/white</item>

        <!-- Secondary brand color. -->

        <item name="colorSecondary">@color/hijau</item>

        <item name="colorSecondaryVariant">@color/hijaumuda</item>

        <item name="colorOnSecondary">@color/black</item>

        <!-- Status bar color. -->
```

```
        <item name="android:statusBarColor">@color/choco</item>

        <item name="android:navigationBarColor">@color/choco</item>

        <!-- Customize your light theme here. -->

    </style>


    <style name="Theme.TabExperiment" parent="Base.Theme.TabExperiment" />

</resources>
```

=> Untuk menambahkan video pada Android Studio disini saya memakai `res/raw/video_kita.mp4`, yaitu caranya yang pertama kita klik kanan terlebih dahulu di bagian `res` lalu kita pilih dan klik `new` lalu pilih dan klik bagian `Android Resource Directory`, setelah itu ada bagian `Resource type` kita pilih `raw` lalu kita klik OK. Lalu setelah itu langsung saja kita copy paste video yang kita ingin masukkan ke dalam project kita ke dalam `raw`.


=> `layout`


=> Pada `activity_main.xml` saya melakukan penambahan dan perubahan code untuk design nya, yaitu isi code keseluruhannya adalah :

`activity_main.xml`

```
<?xml version="1.0" encoding="utf-8"?>

<ScrollView

    xmlns:android="http://schemas.android.com/apk/res/android"

    xmlns:app="http://schemas.android.com/apk/res-auto"

    xmlns:tools="http://schemas.android.com/tools"

    android:layout_width="match_parent"

    android:layout_height="match_parent"

    android:background="@drawable/bg_menu"

    tools:context=".MainActivity">


    <RelativeLayout

        android:layout_width="match_parent"

        android:layout_height="wrap_content">


        <TextView

            android:id="@+id/title_view"

            android:layout_width="wrap_content"

            android:layout_height="wrap_content"

            android:layout_centerHorizontal="true"
```

```
        android:text="Menu Program"

        android:fontFamily="serif"

        android:textColor="@color/black"

        android:textStyle="bold"

        android:textSize="35sp"

        android:layout_marginTop="35dp"/>


    <GridLayout

        android:layout_width="match_parent"

        android:layout_height="match_parent"

        android:layout_below="@+id/title_view"

        android:layout_marginStart="35dp"

        android:layout_marginTop="45dp"

        android:layout_marginEnd="40dp"

        android:layout_marginBottom="35dp"

        android:columnCount="10"

        android:rowCount="10">


        <androidx.cardview.widget.CardView

            android:id="@+id/cdMenu1"
```

```xml
    android:layout_width="80dp"

    android:layout_height="100dp"

    android:layout_row="0"

    android:layout_rowWeight="1"

    android:layout_column="0"

    android:layout_columnWeight="1"

    android:layout_gravity="fill"

    android:layout_margin="8dp"

    app:cardCornerRadius="8dp"

    app:cardElevation="8dp">


    <LinearLayout

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"

        android:layout_gravity="center_vertical|center_horizontal"

        android:gravity="center"

        android:orientation="vertical">


        <ImageView

            android:layout_width="50dp"
```

```xml
        android:layout_height="50dp"

        android:src="@drawable/worldwide" />


    <TextView

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"

        android:layout_marginTop="10dp"

        android:fontFamily="sans-serif"

        android:text="HELLO WORLD!"

        android:textAlignment="center"

        android:textColor="@color/black"

        android:textStyle="bold" />

    </LinearLayout>

</androidx.cardview.widget.CardView>


<androidx.cardview.widget.CardView

    android:id="@+id/cdMenu2"

    android:layout_width="80dp"

    android:layout_height="100dp"

    android:layout_row="0"
```

```xml
        android:layout_rowWeight="1"

        android:layout_column="1"

        android:layout_columnWeight="1"

        android:layout_gravity="fill"

        android:layout_margin="8dp"

        app:cardCornerRadius="8dp"

        app:cardElevation="8dp">


        <LinearLayout

            android:layout_width="wrap_content"

            android:layout_height="wrap_content"

            android:layout_gravity="center_vertical|center_horizontal"

            android:gravity="center"

            android:orientation="vertical">


            <ImageView

                android:layout_width="50dp"

                android:layout_height="50dp"

                android:src="@drawable/mathematics_symbols" />
```

```xml
        <TextView

            android:layout_width="wrap_content"

            android:layout_height="wrap_content"

            android:layout_marginTop="10dp"

            android:fontFamily="serif"

            android:text="FIBONACCI"

            android:textAlignment="center"

            android:textColor="@color/black"

            android:textStyle="bold" />

    </LinearLayout>

</androidx.cardview.widget.CardView>


<androidx.cardview.widget.CardView

    android:id="@+id/cdMenu3"

    android:layout_width="80dp"

    android:layout_height="100dp"

    android:layout_row="1"

    android:layout_rowWeight="1"

    android:layout_column="0"

    android:layout_columnWeight="1"
```

```xml
    android:layout_gravity="fill"

    android:layout_margin="8dp"

    app:cardCornerRadius="8dp"

    app:cardElevation="8dp">


    <LinearLayout

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"

        android:layout_gravity="center_vertical|center_horizontal"

        android:gravity="center"

        android:orientation="vertical">


        <ImageView

            android:layout_width="50dp"

            android:layout_height="50dp"

            android:src="@drawable/script" />


        <TextView

            android:layout_width="wrap_content"

            android:layout_height="wrap_content"
```

```xml
            android:layout_marginTop="10dp"

            android:fontFamily="serif"

            android:text="ICE COLD!"

            android:textAlignment="center"

            android:textColor="@color/black"

            android:textStyle="bold" />

    </LinearLayout>

</androidx.cardview.widget.CardView>


<androidx.cardview.widget.CardView

    android:id="@+id/cdMenu4"

    android:layout_width="80dp"

    android:layout_height="100dp"

    android:layout_row="1"

    android:layout_rowWeight="1"

    android:layout_column="1"

    android:layout_columnWeight="1"

    android:layout_gravity="fill"

    android:layout_margin="8dp"

    app:cardCornerRadius="8dp"
```

```xml
app:cardElevation="8dp">


<LinearLayout

    android:layout_width="wrap_content"

    android:layout_height="wrap_content"

    android:layout_gravity="center_vertical|center_horizontal"

    android:gravity="center"

    android:orientation="vertical">


    <ImageView

        android:layout_width="50dp"

        android:layout_height="50dp"

        android:src="@drawable/messaging" />


    <TextView

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"

        android:layout_marginTop="10dp"

        android:fontFamily="serif"

        android:text="TWO ACTIVITY"
```

```xml
        android:textAlignment="center"

        android:textColor="@color/black"

        android:textStyle="bold" />

    </LinearLayout>

</androidx.cardview.widget.CardView>


<androidx.cardview.widget.CardView

    android:id="@+id/cdMenu5"

    android:layout_width="80dp"

    android:layout_height="100dp"

    android:layout_row="2"

    android:layout_rowWeight="1"

    android:layout_column="0"

    android:layout_columnWeight="1"

    android:layout_gravity="fill"

    android:layout_margin="8dp"

    app:cardCornerRadius="8dp"

    app:cardElevation="8dp">


    <LinearLayout
```

```xml
    android:layout_width="wrap_content"

    android:layout_height="wrap_content"

    android:layout_gravity="center_vertical|center_horizontal"

    android:gravity="center"

    android:orientation="vertical">


    <ImageView

        android:layout_width="50dp"

        android:layout_height="50dp"

        android:src="@drawable/alarm__1_" />


    <TextView

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"

        android:layout_marginTop="10dp"

        android:fontFamily="serif"

        android:text="ALARM"

        android:textAlignment="center"

        android:textColor="@color/black"

        android:textStyle="bold" />
```

```xml
    </LinearLayout>

</androidx.cardview.widget.CardView>


<androidx.cardview.widget.CardView

    android:id="@+id/cdMenu6"

    android:layout_width="80dp"

    android:layout_height="100dp"

    android:layout_row="2"

    android:layout_rowWeight="1"

    android:layout_column="1"

    android:layout_columnWeight="1"

    android:layout_gravity="fill"

    android:layout_margin="8dp"

    app:cardCornerRadius="8dp"

    app:cardElevation="8dp">


    <LinearLayout

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"

        android:layout_gravity="center_vertical|center_horizontal"
```

```xml
        android:gravity="center"

        android:orientation="vertical">


        <ImageView

            android:layout_width="50dp"

            android:layout_height="50dp"

            android:src="@drawable/gps" />


        <TextView

            android:layout_width="wrap_content"

            android:layout_height="wrap_content"

            android:layout_marginTop="10dp"

            android:fontFamily="serif"

            android:text="G-MAPS"

            android:textAlignment="center"

            android:textColor="@color/black"

            android:textStyle="bold" />

    </LinearLayout>

</androidx.cardview.widget.CardView>
```

```xml
<androidx.cardview.widget.CardView

    android:id="@+id/cdMenu7"

    android:layout_width="80dp"

    android:layout_height="100dp"

    android:layout_row="3"

    android:layout_rowWeight="1"

    android:layout_column="0"

    android:layout_columnWeight="1"

    android:layout_gravity="fill"

    android:layout_margin="8dp"

    app:cardCornerRadius="8dp"

    app:cardElevation="8dp">


    <LinearLayout

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"

        android:layout_gravity="center_vertical|center_horizontal"

        android:gravity="center"

        android:orientation="vertical">
```

```xml
        <ImageView

            android:layout_width="50dp"

            android:layout_height="50dp"

            android:src="@drawable/movies" />


        <TextView

            android:layout_width="wrap_content"

            android:layout_height="wrap_content"

            android:layout_marginTop="10dp"

            android:fontFamily="serif"

            android:text="MOVIES"

            android:textAlignment="center"

            android:textColor="@color/black"

            android:textStyle="bold" />

    </LinearLayout>

</androidx.cardview.widget.CardView>


<androidx.cardview.widget.CardView

    android:id="@+id/cdMenu8"

    android:layout_width="80dp"
```

```
android:layout_height="100dp"

android:layout_row="3"

android:layout_rowWeight="1"

android:layout_column="1"

android:layout_columnWeight="1"

android:layout_gravity="fill"

android:layout_margin="8dp"

app:cardCornerRadius="8dp"

app:cardElevation="8dp">


<LinearLayout

    android:layout_width="wrap_content"

    android:layout_height="wrap_content"

    android:layout_gravity="center_vertical|center_horizontal"

    android:gravity="center"

    android:orientation="vertical">


    <ImageView

        android:layout_width="50dp"

        android:layout_height="50dp"
```

```xml
        android:src="@drawable/serendipityapps" />


    <TextView

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"

        android:layout_marginTop="10dp"

        android:fontFamily="serif"

        android:text="EMPTY"

        android:textAlignment="center"

        android:textColor="@color/black"

        android:textStyle="bold" />

    </LinearLayout>

</androidx.cardview.widget.CardView>


<androidx.cardview.widget.CardView

    android:id="@+id/cdMenu9"

    android:layout_width="80dp"

    android:layout_height="100dp"

    android:layout_row="4"

    android:layout_rowWeight="1"
```

```xml
android:layout_column="0"

android:layout_columnWeight="1"

android:layout_gravity="fill"

android:layout_margin="8dp"

app:cardCornerRadius="8dp"

app:cardElevation="8dp">


<LinearLayout

    android:layout_width="wrap_content"

    android:layout_height="wrap_content"

    android:layout_gravity="center_vertical|center_horizontal"

    android:gravity="center"

    android:orientation="vertical">


    <ImageView

        android:layout_width="50dp"

        android:layout_height="50dp"

        android:src="@drawable/serendipityapps" />


    <TextView
```

```xml
            android:layout_width="wrap_content"

            android:layout_height="wrap_content"

            android:layout_marginTop="10dp"

            android:fontFamily="serif"

            android:text="EMPTY"

            android:textAlignment="center"

            android:textColor="@color/black"

            android:textStyle="bold" />

    </LinearLayout>

</androidx.cardview.widget.CardView>


<androidx.cardview.widget.CardView

    android:id="@+id/cdMenu10"

    android:layout_width="80dp"

    android:layout_height="100dp"

    android:layout_row="4"

    android:layout_rowWeight="1"

    android:layout_column="1"

    android:layout_columnWeight="1"

    android:layout_gravity="fill"
```

```xml
        android:layout_margin="8dp"

        app:cardCornerRadius="8dp"

        app:cardElevation="8dp">


        <LinearLayout

            android:layout_width="wrap_content"

            android:layout_height="wrap_content"

            android:layout_gravity="center_vertical|center_horizontal"

            android:gravity="center"

            android:orientation="vertical">


            <ImageView

                android:layout_width="50dp"

                android:layout_height="50dp"

                android:src="@drawable/serendipityapps" />


            <TextView

                android:layout_width="wrap_content"

                android:layout_height="wrap_content"

                android:layout_marginTop="10dp"
```

```xml
            android:fontFamily="serif"

            android:text="EMPTY"

            android:textAlignment="center"

            android:textColor="@color/black"

            android:textStyle="bold" />

    </LinearLayout>

  </androidx.cardview.widget.CardView>



</GridLayout>



<TextView

  android:id="@+id/bottom_text"

  android:layout_width="wrap_content"

  android:layout_height="wrap_content"

  android:layout_marginBottom="35dp"

  android:layout_alignParentBottom="true"

  android:layout_centerHorizontal="true"

  android:fontFamily="monospace"

  android:text="© 2024 Idris Syahrudin"

  android:textColor="@color/black"
```

```
        android:textSize="15sp"

        android:textStyle="bold" />


    </RelativeLayout>


</ScrollView>
```


`activity_movie.xml`

```
<?xml version="1.0" encoding="utf-8"?>

<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"

    xmlns:app="http://schemas.android.com/apk/res-auto"

    xmlns:tools="http://schemas.android.com/tools"

    android:layout_width="match_parent"

    android:layout_height="match_parent"

    android:background="@color/white"

    tools:context=".FragmentActivity">
```

```xml
<com.google.android.material.tabs.TabLayout

    android:id="@+id/tab"

    android:layout_width="match_parent"

    android:layout_height="wrap_content"

    android:background="@color/choco"

    app:tabSelectedTextColor="@color/white"

    app:tabIndicatorColor="@color/white"

    tools:layout_editor_absoluteX="1dp"

    tools:layout_editor_absoluteY="3dp"

    tools:ignore="MissingConstraints">


    <com.google.android.material.tabs.TabItem

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"

        android:text="Action"

        tools:layout_editor_absoluteX="0dp"

        tools:layout_editor_absoluteY="3dp" />


    <com.google.android.material.tabs.TabItem

        android:layout_width="wrap_content"
```

```
            android:layout_height="wrap_content"

            android:text="Comedy" />



        <com.google.android.material.tabs.TabItem

            android:layout_width="wrap_content"

            android:layout_height="wrap_content"

            android:text="Romance" />

    </com.google.android.material.tabs.TabLayout>



    <androidx.viewpager2.widget.ViewPager2

        android:id="@+id/view"

        android:layout_width="match_parent"

        android:layout_height="match_parent"

        android:layout_marginTop="50dp"

        android:background="@color/white"

        tools:layout_editor_absoluteX="1dp"

        tools:layout_editor_absoluteY="52dp" />



</androidx.constraintlayout.widget.ConstraintLayout>

```
```

`activity_video_player.xml`

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent">


    <VideoView
        android:id="@+id/videoView"
        android:layout_width="match_parent"
        android:layout_height="match_parent"/>
</RelativeLayout>
```


`fragment_action.xml`

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
```

```xml
android:layout_height="wrap_content"

xmlns:tools="http://schemas.android.com/tools"

android:padding="25dp"

tools:context=".ActionFragment">


<ImageView

    android:id="@+id/imgMovie"

    android:layout_width="150dp"

    android:layout_height="170dp"

    android:src="@drawable/film1"/>


<TextView

    android:id="@+id/tvTitle"

    android:layout_width="match_parent"

    android:layout_height="wrap_content"

    android:layout_toRightOf="@id/imgMovie"

    android:layout_marginStart="16dp"

    android:textSize="16sp"

    android:textColor="@color/black"

    android:text="AVENGERS : END GAME"/>
```

```xml
<TextView

    android:id="@+id/Deskription"

    android:layout_toRightOf="@id/imgMovie"

    android:layout_below="@id/tvTitle"

    android:layout_width="match_parent"

    android:layout_height="wrap_content"

    android:layout_marginStart="16dp"

    android:layout_marginTop="10dp"

    android:maxLines="5"

    android:textColor="@color/black"

    android:text="The story of the Avengers efforts to restore parts of the
universe that were destroyed after the events of Infinity War. Using time travel
technology, they attempt to steal the Infinity Stones to overcome the
destruction caused by Thanos. An epic battle takes place, culminating in a great
sacrifice and victory that changes the fate of the universe."/>



<Button

    android:id="@+id/avenger"

    android:layout_width="wrap_content"

    android:layout_height="wrap_content"
```

```
        android:layout_marginStart="10dp"

        android:layout_marginTop="10dp"

        android:layout_toRightOf="@id/imgMovie"

        android:layout_below="@id/Deskription"

        android:text="Watch Trailer Now"

        android:onClick="playAvengerTrailer"/>



    <ImageView

        android:id="@+id/imgMovie2"

        android:layout_width="150dp"

        android:layout_height="170dp"

        android:layout_marginTop="200dp"

        android:src="@drawable/film4"/>



    <TextView

        android:id="@+id/tvTitle2"

        android:layout_width="match_parent"

        android:layout_height="wrap_content"

        android:layout_toRightOf="@id/imgMovie2"
```

```xml
        android:layout_marginStart="16dp"

        android:layout_marginTop="200dp"

        android:textSize="16sp"

        android:textColor="@color/black"

        android:text="MY NAME"/>


    <TextView

        android:id="@+id/Deskription2"

        android:layout_toRightOf="@id/imgMovie2"

        android:layout_below="@id/tvTitle"

        android:layout_width="match_parent"

        android:layout_height="wrap_content"

        android:layout_marginStart="16dp"

        android:layout_marginTop="210dp"

        android:maxLines="5"

        android:textColor="@color/black"

        android:text="The story of Yoon Ji-woo, a woman who disguises herself as
a member of a criminal gang to investigate her father's death. On his journey to
find the truth, Ji-woo becomes involved in conflicts and dark secrets that lead to
a battle between justice and ambition in the criminal world. This story shows Ji-
woo's struggle to understand his identity while avenging his family, bringing a
sense of tension and intrigue to each episode."/>
```

```xml
<Button

    android:id="@+id/myname"

    android:layout_width="wrap_content"

    android:layout_height="wrap_content"

    android:layout_marginStart="10dp"

    android:layout_marginTop="10dp"

    android:layout_toRightOf="@id/imgMovie2"

    android:layout_below="@id/Deskription2"

    android:text="Watch Trailer Now"

    android:onClick="playMyNameTrailer"/>


<ImageView

    android:id="@+id/imgMovie3"

    android:layout_width="150dp"

    android:layout_height="170dp"

    android:layout_marginTop="400dp"

    android:src="@drawable/film5"/>


<TextView
```

```xml
    android:id="@+id/tvTitle3"

    android:layout_width="match_parent"

    android:layout_height="wrap_content"

    android:layout_toRightOf="@id/imgMovie3"

    android:layout_marginStart="16dp"

    android:layout_marginTop="400dp"

    android:textSize="16sp"

    android:textColor="@color/black"

    android:text="SPIDERMAN : NO WAY HOME"/>


<TextView

    android:id="@+id/Deskription3"

    android:layout_toRightOf="@id/imgMovie3"

    android:layout_below="@id/tvTitle"

    android:layout_width="match_parent"

    android:layout_height="wrap_content"

    android:layout_marginStart="16dp"

    android:layout_marginTop="420dp"

    android:maxLines="5"

    android:textColor="@color/black"
```

```
        android:text="Peter Parker tries to fix the mess after his Spider-Man
identity is revealed and his personal life is threatened. Peter enlists the help of
Doctor Strange to use magic gone wrong, opening the multiverse and bringing
forth a version of Spider-Man from a parallel reality. Along with the other
Spider-Men, Peter confronts villains from the past and faces serious
consequences in their efforts to right those wrongs."

        />


    <Button

        android:id="@+id/spiderman"

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"

        android:layout_marginStart="10dp"

        android:layout_marginTop="10dp"

        android:layout_toRightOf="@id/imgMovie3"

        android:layout_below="@id/Deskription3"

        android:text="Watch Trailer Now"

        android:onClick="playSpidermanTrailer" />
</RelativeLayout>

```

`fragment_comedy.xml`

```
<?xml version="1.0" encoding="utf-8"?>

<RelativeLayout

    xmlns:android="http://schemas.android.com/apk/res/android"

    android:layout_width="match_parent"

    android:layout_height="wrap_content"

    android:padding="25dp">


    <ImageView

        android:id="@+id/imgMovie"

        android:layout_width="150dp"

        android:layout_height="170dp"

        android:src="@drawable/film2"/>


    <TextView

        android:id="@+id/tvTitle"

        android:layout_width="match_parent"

        android:layout_height="wrap_content"

        android:layout_toRightOf="@id/imgMovie"

        android:layout_marginStart="16dp"
```

```xml
        android:textSize="16sp"

        android:textColor="@color/black"

        android:text="CEK TOKO SEBELAH 2"/>


    <TextView

        android:id="@+id/Deskription"

        android:layout_toRightOf="@id/imgMovie"

        android:layout_below="@id/tvTitle"

        android:layout_width="match_parent"

        android:layout_height="wrap_content"

        android:layout_marginStart="16dp"

        android:layout_marginTop="10dp"

        android:maxLines="5"

        android:textColor="@color/black"

        android:text="The film Cek Toko Sebelah 2 continues the story of the Soleh
family and their humorous conflict when they discover that the shop next door
to them is about to be renovated into a hipster cafe. In his efforts to maintain a
traditional shop, Soleh must face the challenges of modernization while
maintaining family relationships. With a distinctive comedy flavor, this film
depicts changing times and family values in a light and entertaining
atmosphere."

        />
```

```xml
<Button

    android:id="@+id/cektokosebelah"

    android:layout_width="wrap_content"

    android:layout_height="wrap_content"

    android:layout_marginStart="10dp"

    android:layout_marginTop="10dp"

    android:layout_toRightOf="@id/imgMovie"

    android:layout_below="@id/Deskription"

    android:text="Watch Trailer Now"

    android:onClick="playCektokosebelah2Trailer"/>


<ImageView

    android:id="@+id/imgMovie2"

    android:layout_width="150dp"

    android:layout_height="170dp"

    android:layout_marginTop="200dp"

    android:src="@drawable/film6"/>


<TextView
```

```xml
        android:id="@+id/tvTitle2"

        android:layout_width="match_parent"

        android:layout_height="wrap_content"

        android:layout_toRightOf="@id/imgMovie"

        android:layout_marginStart="16dp"

        android:layout_marginTop="200dp"

        android:textSize="16sp"

        android:textColor="@color/black"

        android:text="FRIENDZONE"/>


    <TextView

        android:id="@+id/Deskription2"

        android:layout_toRightOf="@id/imgMovie"

        android:layout_below="@id/tvTitle"

        android:layout_width="match_parent"

        android:layout_height="wrap_content"

        android:layout_marginStart="16dp"

        android:layout_marginTop="210dp"

        android:maxLines="5"

        android:textColor="@color/black"
```

```xml
        android:text="The story centers on old friends, Palm and Gink, who love
each other but are afraid to express their feelings. The two had a close
relationship, but when Palm confessed her feelings, Gink stated that she only
saw him as a friend. The film presents Palm's emotional journey in maintaining
their friendship, touching on themes of unrequited love and the complexity of
sibling relationships."

        />


    <Button

        android:id="@+id/friendzone"

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"

        android:layout_marginStart="10dp"

        android:layout_marginTop="10dp"

        android:layout_toRightOf="@id/imgMovie"

        android:layout_below="@id/Deskription2"

        android:text="Watch Trailer Now"

        android:onClick="playFriendzoneTrailer"/>


    <ImageView

        android:id="@+id/imgMovie3"

        android:layout_width="150dp"
```

```xml
        android:layout_height="170dp"

        android:layout_marginTop="400dp"

        android:src="@drawable/film7"/>


    <TextView

        android:id="@+id/tvTitle3"

        android:layout_width="match_parent"

        android:layout_height="wrap_content"

        android:layout_toRightOf="@id/imgMovie"

        android:layout_marginStart="16dp"

        android:layout_marginTop="400dp"

        android:textSize="16sp"

        android:textColor="@color/black"

        android:text="HOSPITAL PLAYLIST"/>


    <TextView

        android:id="@+id/Deskription3"

        android:layout_toRightOf="@id/imgMovie"

        android:layout_below="@id/tvTitle"

        android:layout_width="match_parent"
```

```xml
        android:layout_height="wrap_content"

        android:layout_marginStart="16dp"

        android:layout_marginTop="410dp"

        android:maxLines="5"

        android:textColor="@color/black"

        android:text="The Korean drama Hospital Playlist tells the story of five
doctors who are friends and work together in the same hospital. They not only
lead busy professional lives in the medical world, but also overcome challenges
and joys in their personal lives. With warm humor and depth of character, the
series provides an emotional and realistic portrait of friendship, love, and life in
a hospital." />


    <Button

        android:id="@+id/hospitalplaylist"

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"

        android:layout_marginStart="10dp"

        android:layout_marginTop="10dp"

        android:layout_toRightOf="@id/imgMovie"

        android:layout_below="@id/Deskription3"

        android:text="Watch Trailer Now"

        android:onClick="playHospitalPlaylistTrailer"/>
```

```
</RelativeLayout>
```

`fragment_romance.xml`

```
<?xml version="1.0" encoding="utf-8"?>

<RelativeLayout

    xmlns:android="http://schemas.android.com/apk/res/android"

    android:layout_width="match_parent"

    android:layout_height="wrap_content"

    android:padding="25dp">


    <ImageView

        android:id="@+id/imgMovie"

        android:layout_width="150dp"

        android:layout_height="170dp"

        android:src="@drawable/film3"/>


    <TextView

        android:id="@+id/tvTitle"
```

```xml
        android:layout_width="match_parent"

        android:layout_height="wrap_content"

        android:layout_marginStart="16dp"

        android:layout_marginLeft="16dp"

        android:layout_toRightOf="@id/imgMovie"

        android:text="20TH CENTURY GIRL"

        android:textColor="@color/black"

        android:textSize="16sp" />


    <TextView

        android:id="@+id/Deskription"

        android:layout_toRightOf="@id/imgMovie"

        android:layout_below="@id/tvTitle"

        android:layout_width="match_parent"

        android:layout_height="wrap_content"

        android:layout_marginStart="16dp"

        android:layout_marginTop="10dp"

        android:maxLines="5"

        android:textColor="@color/black"

        android:text="Tells the story of Na Bo-ra, a student who vows to follow
Baek Hyun-jin for the sake of her sick friend. However, Bo-ra falls in love with
```

Poong Woon-ho, Hyun-jin's best friend. In the confusion of the love triangle, Bo-ra hides her feelings so as not to hurt her best friend who turns out to love Woon-ho. When Woon-ho returns to New Zealand, Bo-ra and Yeon-du arrive at the train station at the right time, allowing them to confess their feelings before going their separate ways. However, Woon-ho suddenly disappears from Bo-ra's life, leaving her heart broken.

Over time, Bo-ra enters university and lives an adult life. In 2019, he received an art exhibition invitation from Joseph, Woon-ho's younger brother. Here, Bo-ra learns that Woon-ho died in an accident years ago. Joseph thanks Bo-ra for remembering his brother and reveals that Woon-ho's happiest moments were with Bo-ra. While watching the video Woon-ho made, Bo-ra reflects on the happy memories they shared.

Set in 1999 and 2019, it takes the audience on Bo-ra's emotional journey full of confusion, love, friendship and loss. This film depicts the complexity of human relationships over time, with a story that touches the heart and leaves a deep impression." />

```
<Button

    android:id="@+id/centurygirl"

    android:layout_width="wrap_content"

    android:layout_height="wrap_content"

    android:layout_marginStart="10dp"
```

```xml
        android:layout_marginTop="10dp"

        android:layout_toRightOf="@id/imgMovie"

        android:layout_below="@id/Deskription"

        android:text="Watch Trailer Now"

        android:onClick="playCenturygirlTrailer"/>


    <ImageView

        android:id="@+id/imgMovie2"

        android:layout_width="150dp"

        android:layout_height="170dp"

        android:layout_marginTop="200dp"

        android:src="@drawable/film8"/>


    <TextView

        android:id="@+id/tvTitle2"

        android:layout_width="match_parent"

        android:layout_height="wrap_content"

        android:layout_toRightOf="@id/imgMovie"

        android:layout_marginStart="16dp"

        android:layout_marginTop="200dp"
```

```xml
        android:textSize="16sp"

        android:textColor="@color/black"

        android:text="CHEER UP"/>


    <TextView

        android:id="@+id/Deskription2"

        android:layout_width="match_parent"

        android:layout_height="wrap_content"

        android:layout_below="@id/tvTitle"

        android:layout_marginStart="16dp"

        android:layout_marginLeft="12dp"

        android:layout_marginTop="210dp"

        android:layout_toRightOf="@id/imgMovie"

        android:maxLines="5"

        android:textColor="@color/black"

        android:text="Tells the story of a group of high school students who band
together to form a cheerleading team at their school, trying to overcome
academic pressure and teenage problems. With the struggles, conflicts, and
friendships that develop among the team members, they learn to overcome
life's difficulties and find strength in their unity. This story presents the
dynamics of school life full of enthusiasm, with a touch of comedy and warmth
in experiencing adolescence." />
```

```xml
<Button

    android:id="@+id/cheerup"

    android:layout_width="wrap_content"

    android:layout_height="wrap_content"

    android:layout_marginStart="10dp"

    android:layout_marginTop="10dp"

    android:layout_toRightOf="@id/imgMovie"

    android:layout_below="@id/Deskription2"

    android:text="Watch Trailer Now"

    android:onClick="playCheerupTrailer"/>


<ImageView

    android:id="@+id/imgMovie3"

    android:layout_width="150dp"

    android:layout_height="175dp"

    android:layout_marginTop="400dp"

    android:src="@drawable/film9"/>


<TextView
```

```xml
android:id="@+id/tvTitle3"

android:layout_width="match_parent"

android:layout_height="wrap_content"

android:layout_toRightOf="@id/imgMovie"

android:layout_marginStart="16dp"

android:layout_marginTop="400dp"

android:textSize="16sp"

android:textColor="@color/black"

android:text="HIDDEN LOVE"/>


<TextView

android:id="@+id/Deskription3"

android:layout_width="match_parent"

android:layout_height="wrap_content"

android:layout_below="@id/tvTitle"

android:layout_marginStart="16dp"

android:layout_marginLeft="16dp"

android:layout_marginTop="410dp"

android:layout_toRightOf="@id/imgMovie"

android:maxLines="5"
```

```
        android:textColor="@color/black"

        android:text="The storyline is about the complicated relationships among a
group of close friends who grow up together and face various life trials. With
secrets and conflicts emerging, they must struggle to understand and accept
each other, while going on a journey to find love and identity. Through a story
full of intrigue and emotion, Hidden Love reveals hidden layers of relationships
and shows the journey towards maturity and understanding." />


    <Button

        android:id="@+id/hiddenlove"

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"

        android:layout_marginStart="10dp"

        android:layout_marginTop="10dp"

        android:layout_toRightOf="@id/imgMovie"

        android:layout_below="@id/Deskription3"

        android:text="Watch Trailer Now"

        android:onClick="playHiddenloveTrailer"/>

</RelativeLayout>

```

=> Pada directory `drawable` kita bisa tambahkan gambar seperti poster film
yang ingin kita tampilkan, dan jangan lupa untuk menambahkan icon

`baseline_more_vert_24.xml` dengan cara klik kanan pada `drawable` lalu klik New, setelah itu kita pilih dan klik Vector Asset. Setelah itu kita klik clip art lalu kita pilih icon nya, jika sudah ketemu kita klik OK lalu kita klik next. Sama halnya ketika kita ingin menambahkan menu kembali pada halaman `VideoPlayerActivity` yaitu dengan langkah-langkah yang sama seperti sebelumnya dan jangan lupa untuk menambahkan icon `baseline_arrorw_circle_left_24.xml` lalu klik OK dan kita klik next.

=> Selanjutnya kita klik kanan pada `res` lalu pilih dan klik `Android Resource Directory` setelah itu kita beri nama "menu" lalu klik OK. Setelah itu kita buat Menu Resource File dengan nama `menu_tab.xml` lalu isi dengan code :

```
<?xml version="1.0" encoding="utf-8"?>

<menu xmlns:tools="http://schemas.android.com/tools"

    xmlns:android="http://schemas.android.com/apk/res/android"

    xmlns:app="http://schemas.android.com/apk/res-auto">

    <item

        android:id="@+id/tab_action"

        android:icon="@drawable/baseline_more_vert_24"

        android:title="Action"/>


    <item

        android:id="@+id/tab_comedy"
```

```
        android:icon="@drawable/baseline_more_vert_24"

        android:title="Comedy"/>


    <item

        android:id="@+id/tab_romance"

        android:icon="@drawable/baseline_more_vert_24"

        android:title="Romance"/>

</menu>
```

=> Sama halnya ketika ingin menambahkan code menu untuk kembali, dengan cara kita klik kanan pada directory `menu` dan buat Menu Resource File dengan nama `menu_video_player.xml` lalu isi dengan code :

```
<?xml version="1.0" encoding="utf-8"?>

<menu xmlns:app="http://schemas.android.com/apk/res-auto"

    xmlns:android="http://schemas.android.com/apk/res/android">

    <item

        android:id="@+id/action_back"

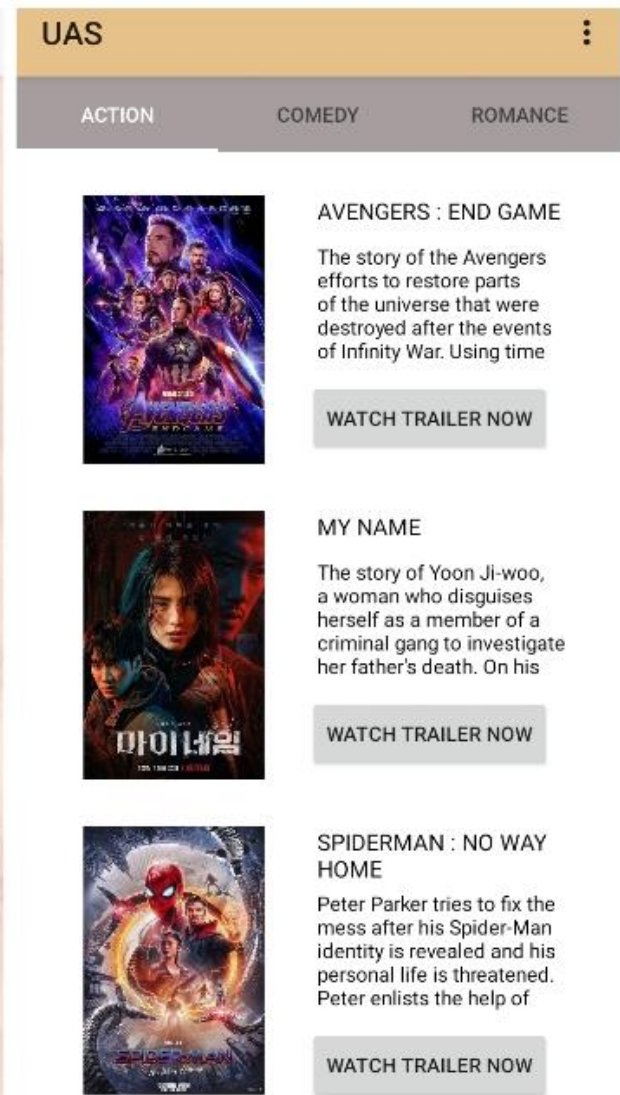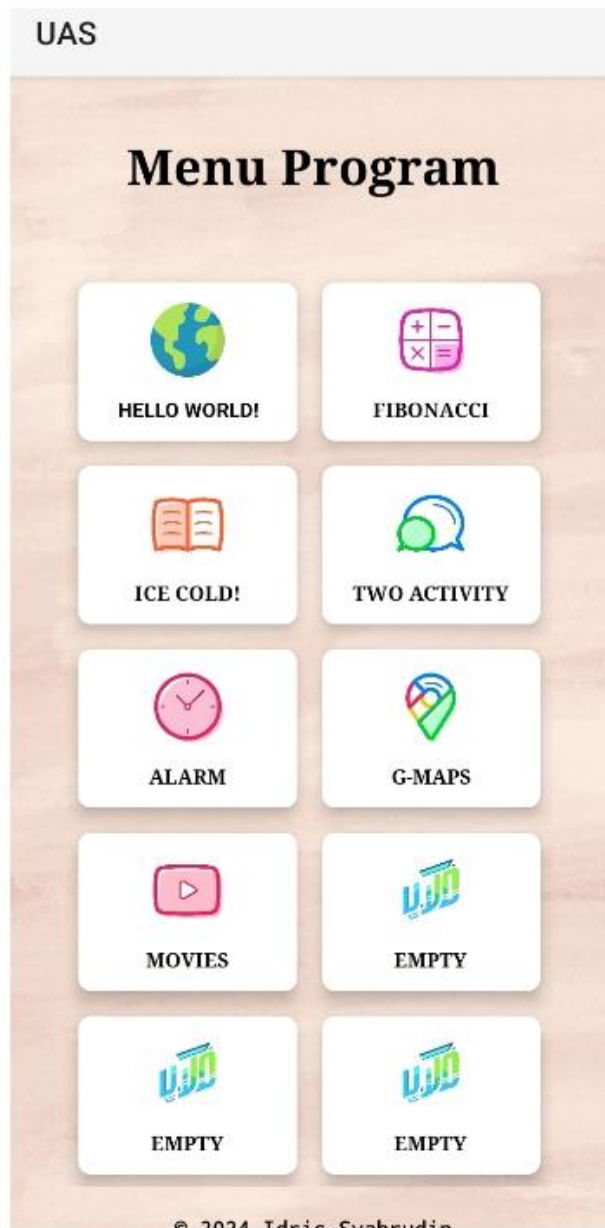        android:icon="@drawable/baseline_arrow_circle_left_24"

        android:title="Back"
```

app:showAsAction="always" />

</menu>

```

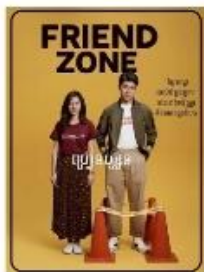❖ Hasil Program Tugas 3

**ACTION**   **COMEDY**   **ROMANCE**

### CEK TOKO SEBELAH 2

The film Cek Toko Sebelah 2 continues the story of the Soleh family and their humorous conflict when they discover that the shop

**WATCH TRAILER NOW**

### FRIENDZONE

The story centers on old friends, Palm and Gink, who love each other but are afraid to express their feelings. The two had a close

**WATCH TRAILER NOW**

### HOSPITAL PLAYLIST

The Korean drama Hospital Playlist tells the story of five doctors who are friends and work together in the same hospital. They not only lead

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**ACTION**   **COMEDY**   **ROMANCE**

### 20TH CENTURY GIRL

Tells the story of Na Bo-ra, a student who vows to follow Baek Hyun-jin for the sake of her sick friend. However, Bo-ra falls in love with Poong

**WATCH TRAILER NOW**

### CHEER UP

Tells the story of a group of high school students who band together to form a cheerleading team at their school, trying to overcome

**WATCH TRAILER NOW**

### HIDDEN LOVE

The storyline is about the complicated relationships among a group of close friends who grow up together and face various life trials.

**WATCH TRAILER NOW**