Expt 7

Activity\_main.xml

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

<LinearLayout

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:orientation="vertical"

tools:context=".MainActivity">

<com.denzcoskun.imageslider.ImageSlider

android:id="@+id/image\_slider"

android:layout\_width="match\_parent"

android:layout\_height="200dp"

app:iss\_auto\_cycle="true"

app:iss\_period="1000"

app:iss\_placeholder="@drawable/ic\_launcher\_foreground"

app:iss\_error\_image="@drawable/ic\_launcher\_background"

app:iss\_delay="0" />

</LinearLayout>

Build.gradel.kts(.app)

plugins {

alias(libs.plugins.android.application)

}

android {

namespace = "com.example.expt7"

compileSdk = 35

defaultConfig {

applicationId = "com.example.expt7"

minSdk = 33

targetSdk = 35

versionCode = 1

versionName = "1.0"

testInstrumentationRunner = "androidx.test.runner.AndroidJUnitRunner"

}

buildTypes {

release {

isMinifyEnabled = false

proguardFiles(

getDefaultProguardFile("proguard-android-optimize.txt"),

"proguard-rules.pro"

)

}

}

compileOptions {

sourceCompatibility = JavaVersion.VERSION\_11

targetCompatibility = JavaVersion.VERSION\_11

}

}

dependencies {

implementation(libs.appcompat)

implementation(libs.material)

implementation(libs.activity)

implementation(libs.constraintlayout)

testImplementation(libs.junit)

androidTestImplementation(libs.ext.junit)

androidTestImplementation(libs.espresso.core)

implementation("com.github.denzcoskun:ImageSlideshow:0.1.0")

}

Setting.gradel.kts

pluginManagement {

repositories {

google {

content {

includeGroupByRegex("com\\.android.\*")

includeGroupByRegex("com\\.google.\*")

includeGroupByRegex("androidx.\*")

}

}

mavenCentral()

gradlePluginPortal()

}

}

dependencyResolutionManagement {

repositoriesMode.set(RepositoriesMode.FAIL\_ON\_PROJECT\_REPOS)

repositories {

google()

mavenCentral()

maven(url = "https://jitpack.io")

}

}

rootProject.name = "Expt7"

include(":app")

Activity\_main.java

package com.example.expt7;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

import com.denzcoskun.imageslider.ImageSlider;

import com.denzcoskun.imageslider.models.SlideModel;

import java.util.ArrayList;

public class MainActivity extends AppCompatActivity {

ImageSlider imageSlider;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

imageSlider = findViewById(R.id.image\_slider);

ArrayList<SlideModel> imageList = new ArrayList<>();

imageList.add(new SlideModel(R.drawable.one, null));

imageList.add(new SlideModel(R.drawable.two, null));

imageList.add(new SlideModel(R.drawable.three, null));

imageList.add(new SlideModel(R.drawable.four, null));

imageList.add(new SlideModel(R.drawable.five, null));

imageList.add(new SlideModel(R.drawable.six, null));

imageSlider.setImageList(imageList);

}

}

Import images named one,two,three,four,five,six in the res/drawable folder

With button to move to next image or to the previous image  
  
XMl file  
  
<?xml version="1.0" encoding="utf-8"?>

<LinearLayout

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:orientation="vertical"

tools:context=".MainActivity"

android:gravity="center"

android:padding="16dp">

<com.denzcoskun.imageslider.ImageSlider

android:id="@+id/image\_slider"

android:layout\_width="match\_parent"

android:layout\_height="200dp"

app:iss\_auto\_cycle="false"

app:iss\_period="1000"

app:iss\_placeholder="@drawable/ic\_launcher\_foreground"

app:iss\_error\_image="@drawable/ic\_launcher\_background"

app:iss\_delay="0" />

<LinearLayout

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:orientation="horizontal"

android:layout\_marginTop="20dp">

<Button

android:id="@+id/btnPrevious"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Previous" />

<Button

android:id="@+id/btnNext"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Next"

android:layout\_marginStart="16dp" />

</LinearLayout>

</LinearLayout>

Java file  
  
package com.example.expt7;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

import android.widget.Button;

import com.denzcoskun.imageslider.ImageSlider;

import com.denzcoskun.imageslider.constants.ScaleTypes;

import com.denzcoskun.imageslider.models.SlideModel;

import java.util.ArrayList;

public class MainActivity extends AppCompatActivity {

ImageSlider imageSlider;

Button btnNext, btnPrevious;

ArrayList<SlideModel> fullImageList;

int currentIndex = 0;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

imageSlider = findViewById(R.id.image\_slider);

btnNext = findViewById(R.id.btnNext);

btnPrevious = findViewById(R.id.btnPrevious);

fullImageList = new ArrayList<>();

fullImageList.add(new SlideModel(R.drawable.one, null, ScaleTypes.FIT));

fullImageList.add(new SlideModel(R.drawable.two, null, ScaleTypes.FIT));

fullImageList.add(new SlideModel(R.drawable.three, null, ScaleTypes.FIT));

fullImageList.add(new SlideModel(R.drawable.four, null, ScaleTypes.FIT));

fullImageList.add(new SlideModel(R.drawable.five, null, ScaleTypes.FIT));

fullImageList.add(new SlideModel(R.drawable.six, null, ScaleTypes.FIT));

showCurrentImage();

btnNext.setOnClickListener(v -> {

currentIndex = (currentIndex + 1) % fullImageList.size();

showCurrentImage();

});

btnPrevious.setOnClickListener(v -> {

currentIndex = (currentIndex - 1 + fullImageList.size()) % fullImageList.size();

showCurrentImage();

});

}

private void showCurrentImage() {

ArrayList<SlideModel> singleImageList = new ArrayList<>();

singleImageList.add(fullImageList.get(currentIndex));

imageSlider.setImageList(singleImageList, ScaleTypes.FIT);

}

}

Setting.gradel.kts

pluginManagement {

repositories {

google {

content {

includeGroupByRegex("com\\.android.\*")

includeGroupByRegex("com\\.google.\*")

includeGroupByRegex("androidx.\*")

}

}

mavenCentral()

gradlePluginPortal()

}

}

dependencyResolutionManagement {

repositoriesMode.set(RepositoriesMode.FAIL\_ON\_PROJECT\_REPOS)

repositories {

google()

mavenCentral()

maven(url = "https://jitpack.io")

}

}

Build.gradel.kts(.app)

plugins {

alias(libs.plugins.android.application)

}

android {

namespace = "com.example.expt7"

compileSdk = 35

defaultConfig {

applicationId = "com.example.expt7"

minSdk = 33

targetSdk = 35

versionCode = 1

versionName = "1.0"

testInstrumentationRunner = "androidx.test.runner.AndroidJUnitRunner"

}

buildTypes {

release {

isMinifyEnabled = false

proguardFiles(

getDefaultProguardFile("proguard-android-optimize.txt"),

"proguard-rules.pro"

)

}

}

compileOptions {

sourceCompatibility = JavaVersion.VERSION\_11

targetCompatibility = JavaVersion.VERSION\_11

}

}

dependencies {

implementation(libs.appcompat)

implementation(libs.material)

implementation(libs.activity)

implementation(libs.constraintlayout)

testImplementation(libs.junit)

androidTestImplementation(libs.ext.junit)

androidTestImplementation(libs.espresso.core)

implementation("com.github.denzcoskun:ImageSlideshow:0.1.0")

}

Import images named one,two,three,four,five,six in the res/drawable folder