1150080044

Ngô Ngọc Bảo Châu

11\_THMT

**ACTIVITY:**

<?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"

android:gravity="center\_horizontal"

android:padding="20dp"

android:background="#F5F5F5"

tools:context=".MainActivity">

<TextView

android:id="@+id/tvTitle"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Trình tải xuống"

android:textSize="20sp"

android:textStyle="bold"

android:textColor="#333333"

android:layout\_marginBottom="12dp" />

<com.google.android.material.textfield.TextInputLayout

android:id="@+id/textInputLayout"

style="@style/Widget.MaterialComponents.TextInputLayout.FilledBox"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:hint="Nhập link tải xuống"

app:startIconDrawable="@android:drawable/ic\_menu\_share"

app:boxCornerRadiusTopStart="12dp"

app:boxCornerRadiusTopEnd="12dp"

app:boxCornerRadiusBottomStart="12dp"

app:boxCornerRadiusBottomEnd="12dp">

<com.google.android.material.textfield.TextInputEditText

android:id="@+id/etLink"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:inputType="textUri"

android:singleLine="true" />

</com.google.android.material.textfield.TextInputLayout>

<Button

android:id="@+id/btnDownload"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_marginTop="20dp"

android:backgroundTint="#1976D2"

android:text="TẢI NGAY"

android:textColor="#FFFFFF"

android:textStyle="bold"

android:padding="10dp" />

</LinearLayout>

**AndroidManifest.xml:**

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

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

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

package="com.example.downloadapp">

<!-- Quyền truy cập cần thiết -->

<uses-permission android:name="android.permission.INTERNET" />

<uses-permission android:name="android.permission.POST\_NOTIFICATIONS" />

<uses-permission android:name="android.permission.FOREGROUND\_SERVICE" />

<uses-permission android:name="android.permission.FOREGROUND\_SERVICE\_DATA\_SYNC" />

<uses-permission

android:name="android.permission.WRITE\_EXTERNAL\_STORAGE"

android:maxSdkVersion="28" />

<application

android:name=".App"

android:allowBackup="true"

android:icon="@mipmap/ic\_launcher"

android:roundIcon="@mipmap/ic\_launcher\_round"

android:label="@string/app\_name"

android:theme="@style/Theme.DownloadApp"

android:supportsRtl="true"

tools:targetApi="34">

<!-- Thông tin metadata (ví dụ API key, config...) -->

<meta-data

android:name="com.example.downloadapp.VERSION"

android:value="1.0.1" />

<!-- Màn hình chính -->

<activity

android:name=".ui.MainActivity"

android:exported="true"

android:screenOrientation="portrait"

android:configChanges="orientation|screenSize">

<!-- Khi mở app, đây là activity đầu tiên chạy -->

<intent-filter>

<action android:name="android.intent.action.MAIN" />

<category android:name="android.intent.category.LAUNCHER" />

</intent-filter>

</activity>

<!-- Service chạy nền để tải file -->

<service

android:name=".service.FileDownloadService"

android:enabled="true"

android:exported="false"

android:foregroundServiceType="dataSync" />

<!-- Broadcast Receiver cho hành động từ thông báo -->

<receiver

android:name=".receiver.DownloadActionReceiver"

android:enabled="true"

android:exported="false">

<intent-filter>

<action android:name="ACTION\_PAUSE\_DOWNLOAD" />

<action android:name="ACTION\_RESUME\_DOWNLOAD" />

<action android:name="ACTION\_CANCEL\_DOWNLOAD" />

</intent-filter>

</receiver>

</application>

</manifest>

**build.gradle.kts:**

plugins {

id("com.android.application")

}

android {

namespace = "com.group12.simpledownload"

compileSdk = 34

defaultConfig {

applicationId = "com.group12.simpledownload"

minSdk = 24

targetSdk = 34

versionCode = 1

versionName = "1.0"

testInstrumentationRunner = "androidx.test.runner.AndroidJUnitRunner"

}

buildTypes {

release {

isMinifyEnabled = false

proguardFiles(

getDefaultProguardFile("proguard-android.txt"),

"proguard-rules.pro"

)

}

}

// Cấu hình Java

compileOptions {

sourceCompatibility = JavaVersion.VERSION\_17

targetCompatibility = JavaVersion.VERSION\_17

}

}

dependencies {

implementation("androidx.appcompat:appcompat:1.7.0")

implementation("com.google.android.material:material:1.12.0")

implementation("androidx.constraintlayout:constraintlayout:2.2.0")

testImplementation("junit:junit:4.13.2")

androidTestImplementation("androidx.test.ext:junit:1.2.1")

androidTestImplementation("androidx.test.espresso:espresso-core:3.6.1")

}