Cập nhật AndroidManifest.kt:

<?xml version="1.0" encoding="utf-8"?>  
<manifest xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools">  
  
 <uses-permission android:name="android.permission.POST\_NOTIFICATIONS" />  
  
 <uses-permission android:name="android.permission.INTERNET"/>  
  
 <application  
 android:allowBackup="true"  
 android:dataExtractionRules="@xml/data\_extraction\_rules"  
 android:fullBackupContent="@xml/backup\_rules"  
 android:icon="@mipmap/ic\_launcher"  
 android:label="@string/app\_name"  
 android:roundIcon="@mipmap/ic\_launcher\_round"  
 android:supportsRtl="true"  
 android:theme="@style/Theme.Baitap">  
 <activity  
 android:name=".MainActivity"  
 android:exported="true"  
 android:label="@string/app\_name"  
 android:theme="@style/Theme.Baitap">  
 <intent-filter>  
 <action android:name="android.intent.action.MAIN" />  
 <category android:name="android.intent.category.LAUNCHER" />  
 </intent-filter>  
 </activity>  
  
 <service  
 android:name=".DownloadService"  
 android:exported="false"  
 android:foregroundServiceType="dataSync" />  
  
 <receiver  
 android:name=".NotificationActionReceiver"  
 android:exported="true">  
 <intent-filter>  
 <action android:name="com.example.baitap.ACTION\_PAUSE" />  
 <action android:name="com.example.baitap.ACTION\_RESUME" />  
 <action android:name="com.example.baitap.ACTION\_CANCEL" />  
 </intent-filter>  
 </receiver>  
 </application>  
  
</manifest>

Cập nhật MainActivity.kt:

package com.example.baitap  
  
import android.Manifest  
import android.content.pm.PackageManager  
import android.net.Uri  
import android.os.Build  
import android.os.Bundle  
import android.widget.Toast  
import android.content.Intent  
import androidx.activity.ComponentActivity  
import androidx.activity.compose.setContent  
import androidx.activity.enableEdgeToEdge  
import androidx.activity.result.contract.ActivityResultContracts  
import androidx.compose.foundation.layout.\*  
import androidx.compose.material3.\*  
import androidx.compose.runtime.\*  
import androidx.compose.ui.Alignment  
import androidx.compose.ui.Modifier  
import androidx.compose.foundation.text.KeyboardOptions  
import androidx.compose.ui.text.input.KeyboardType  
import androidx.compose.ui.tooling.preview.Preview  
import androidx.compose.ui.unit.dp  
import androidx.core.content.ContextCompat  
import com.example.baitap.ui.theme.BaitapTheme  
  
@OptIn(ExperimentalMaterial3Api::class) // ✅ fix experimental TopAppBar  
class MainActivity : ComponentActivity() {  
  
 private val requestNotifPermission =  
 registerForActivityResult(ActivityResultContracts.RequestPermission()) **{** /\* no-op \*/ **}** override fun onCreate(savedInstanceState: Bundle?) {  
 super.onCreate(savedInstanceState)  
 *enableEdgeToEdge*()  
  
 // xin quyền notification cho Android 13+  
 if (Build.VERSION.*SDK\_INT* >= Build.VERSION\_CODES.*TIRAMISU*) {  
 val perm = Manifest.permission.*POST\_NOTIFICATIONS* if (ContextCompat.checkSelfPermission(this, perm)  
 != PackageManager.*PERMISSION\_GRANTED* ) {  
 requestNotifPermission.launch(perm)  
 }  
 }  
  
 *setContent* **{** BaitapTheme **{** Scaffold(topBar = **{** TopAppBar(title = **{** Text("Download manager") **}**) **}**) **{** inner **->** DownloadScreen(  
 modifier = Modifier  
 .*padding*(inner)  
 .*padding*(16.*dp*)  
 ) **{** url **->** if (!isValidUrl(url)) {  
 Toast.makeText(this, "URL không hợp lệ", Toast.*LENGTH\_SHORT*).show()  
 } else {  
 val i = Intent(this, DownloadService::class.*java*)  
 .putExtra(DownloadService.EXTRA\_URL, url.*trim*())  
 ContextCompat.startForegroundService(this, i)  
 }  
 **}  
 }  
 }  
 }** }  
  
 private fun isValidUrl(s: String): Boolean =  
 *runCatching* **{** Uri.parse(s.*trim*()).*scheme* in *listOf*("http", "https") **}**.*getOrDefault*(false)  
}  
  
@Composable  
private fun DownloadScreen(  
 modifier: Modifier = Modifier,  
 onDownloadClick: (String) -> Unit = **{}**) {  
 var url by remember **{** *mutableStateOf*("") **}** Column(modifier = modifier.*fillMaxWidth*()) **{** OutlinedTextField(  
 value = url,  
 onValueChange = **{** url = **it }**,  
 modifier = Modifier.*fillMaxWidth*(),  
 placeholder = **{** Text("Link download") **}**,  
 keyboardOptions = KeyboardOptions(keyboardType = KeyboardType.Uri), // ✅ đã import  
 singleLine = true  
 )  
 Spacer(Modifier.*height*(16.*dp*))  
 Row(  
 modifier = Modifier.*fillMaxWidth*(),  
 horizontalArrangement = Arrangement.End,  
 verticalAlignment = Alignment.CenterVertically  
 ) **{** Button(onClick = **{** onDownloadClick(url) **}**) **{** Text("DOWNLOAD")  
 **}  
 }  
 }**}  
  
@Preview(showBackground = true)  
@Composable  
private fun PreviewDownloadScreen() {  
 BaitapTheme **{** DownloadScreen(modifier = Modifier.*padding*(16.*dp*))  
 **}**}

Tạo notification\_download.xml trong layout:

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:orientation="vertical" android:padding="12dp"  
 android:layout\_width="match\_parent" android:layout\_height="wrap\_content">  
  
 <TextView  
 android:id="@+id/tvTitle"  
 android:text="Download manager"  
 android:textStyle="bold"  
 android:textSize="14sp"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"/>  
  
 <TextView  
 android:id="@+id/tvLink"  
 android:text="Link: …"  
 android:maxLines="2"  
 android:ellipsize="end"  
 android:textSize="12sp"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="4dp"/>  
  
 <TextView  
 android:id="@+id/tvProgress"  
 android:text="Complete: 0%"  
 android:textSize="12sp"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="4dp"/>  
  
 <LinearLayout  
 android:orientation="horizontal"  
 android:gravity="center"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="10dp">  
  
 <Button  
 android:id="@+id/btnPauseResume"  
 android:text="Pause"  
 android:layout\_width="0dp"  
 android:layout\_height="40dp"  
 android:layout\_weight="1"  
 android:minHeight="0dp"/>  
  
 <Space  
 android:layout\_width="12dp"  
 android:layout\_height="1dp" />  
  
 <Button  
 android:id="@+id/btnCancel"  
 android:text="Cancel"  
 android:layout\_width="0dp"  
 android:layout\_height="40dp"  
 android:layout\_weight="1"  
 android:minHeight="0dp"/>  
 </LinearLayout>  
</LinearLayout>

A screenshot of a computer

AI-generated content may be incorrect.