



Desarrollo de aplicaciones móviles
Boceto de Aplicación Book Moon Reader

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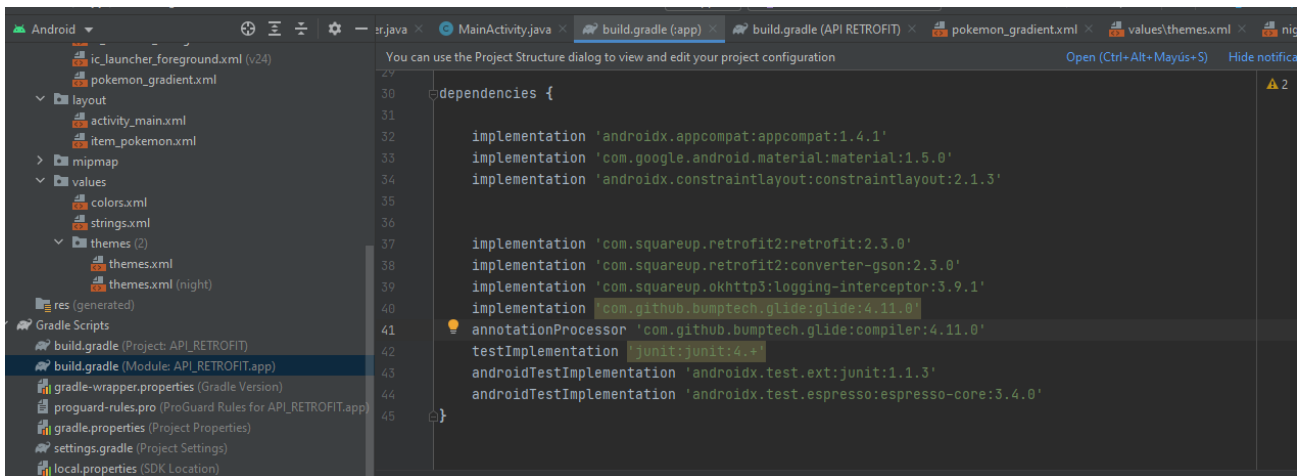


PROCEDIMIENTO

1.

```
dependencies {  
  
    implementation 'androidx.appcompat:appcompat:1.4.1'  
    implementation 'com.google.android.material:material:1.5.0'  
    implementation 'androidx.constraintlayout:constraintlayout:2.1.3'  
  
    implementation 'com.squareup.retrofit2:retrofit:2.3.0'  
    implementation 'com.squareup.retrofit2:converter-gson:2.3.0'  
    implementation 'com.squareup.okhttp3:logging-interceptor:3.9.1'  
    implementation 'com.github.bumptech.glide:glide:4.11.0'  
    annotationProcessor 'com.github.bumptech.glide:compiler:4.11.0'  
    testImplementation 'junit:junit:4.+'  
    androidTestImplementation 'androidx.test.ext:junit:1.1.3'  
    androidTestImplementation 'androidx.test.espresso:espresso-core:3.4.0'  
}
```

2.





3.

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.example.apiretrofit">
    <uses-permission android:name="android.permission.INTERNET"/>
    <application
        android:allowBackup="true"
        android:icon="@mipmap/ic_launcher"
        android:label="POKEDEX"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportRtl="true"
        android:theme="@style/Theme.APIRETROFIT">
        <activity
            android:name=".MainActivity"
            android:exported="true">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />

                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
    </application>
</manifest>
```

4.

```
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);

    recyclerView = (RecyclerView) findViewById(R.id.recyclerView);
    listaPokemonAdapter = new ListaPokemonAdapter( context, this);
    recyclerView.setAdapter(listaPokemonAdapter);
    recyclerView.setHasFixedSize(true);
    GridLayoutManager layoutManager = new GridLayoutManager( context, this, spanCount: 3);
    recyclerView.setLayoutManager(layoutManager);
    recyclerView.addOnScrollListener(new OnScrollListener() {
        @Override public void onScrolled(RecyclerView recyclerView, int dx, int dy) {
            super.onScrolled(recyclerView, dx, dy);

            if (dy > 0) {
                int visibleItemCount = layoutManager.getChildCount();
                int totalItemCount = layoutManager.getItemCount();
                int pastVisibleItems = layoutManager.findFirstVisibleItemPosition();
                if (aptoParaCargar) {
                    if ((visibleItemCount + pastVisibleItems) >= totalItemCount) {
                        Log.i(TAG, "Llegamos al final.");

                        aptoParaCargar = false;
                        offset += 20;
                        obtenerDatos(offset);
                    }
                }
            }
        }
    });
}
```



5.

