

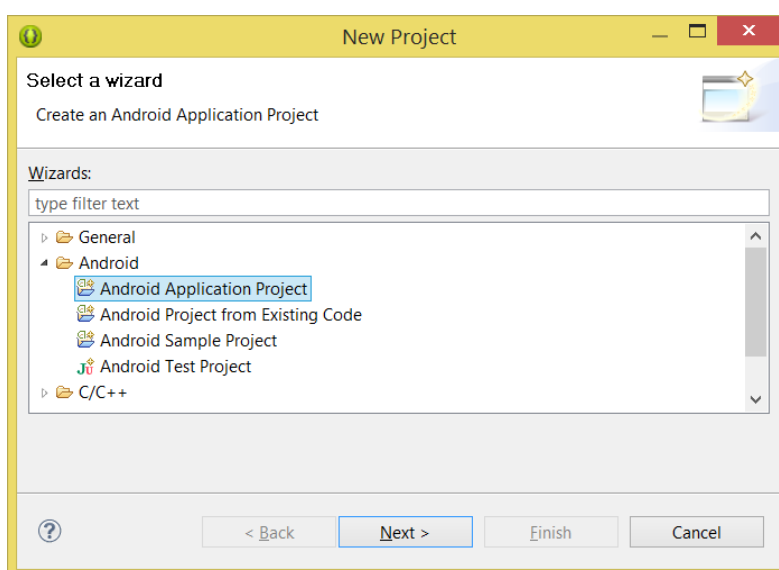
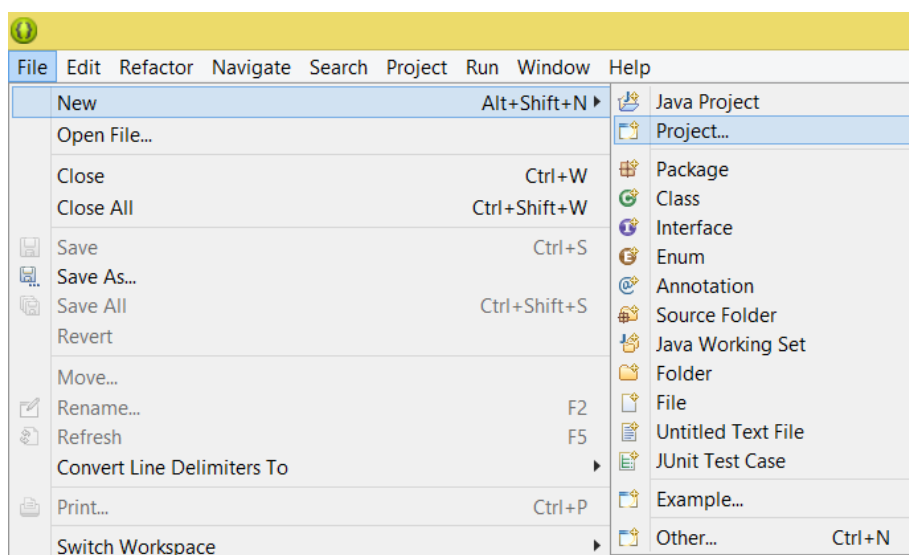
## Lab 1

### Các khái niệm cơ bản về Android

#### Bài 1:

Tạo ứng dụng hiển thị thông báo trên Android

Tạo Android Project trên ADT Bundle:



### New Android Application

Creates a new Android Application

Application Name:

Project Name:

Package Name:

Minimum Required SDK:

Target SDK:

Compile With:

Theme:

The package name must be a unique identifier for your application. It is typically not shown to users, but it *must* stay the same for the lifetime of your application; it is how multiple versions of the same application are considered the "same app". This is typically the reverse domain name of your organization plus one or more application

### New Android Application

Configure Project

☒ Create custom launcher icon

☒ Create activity

☐ Mark this project as a library

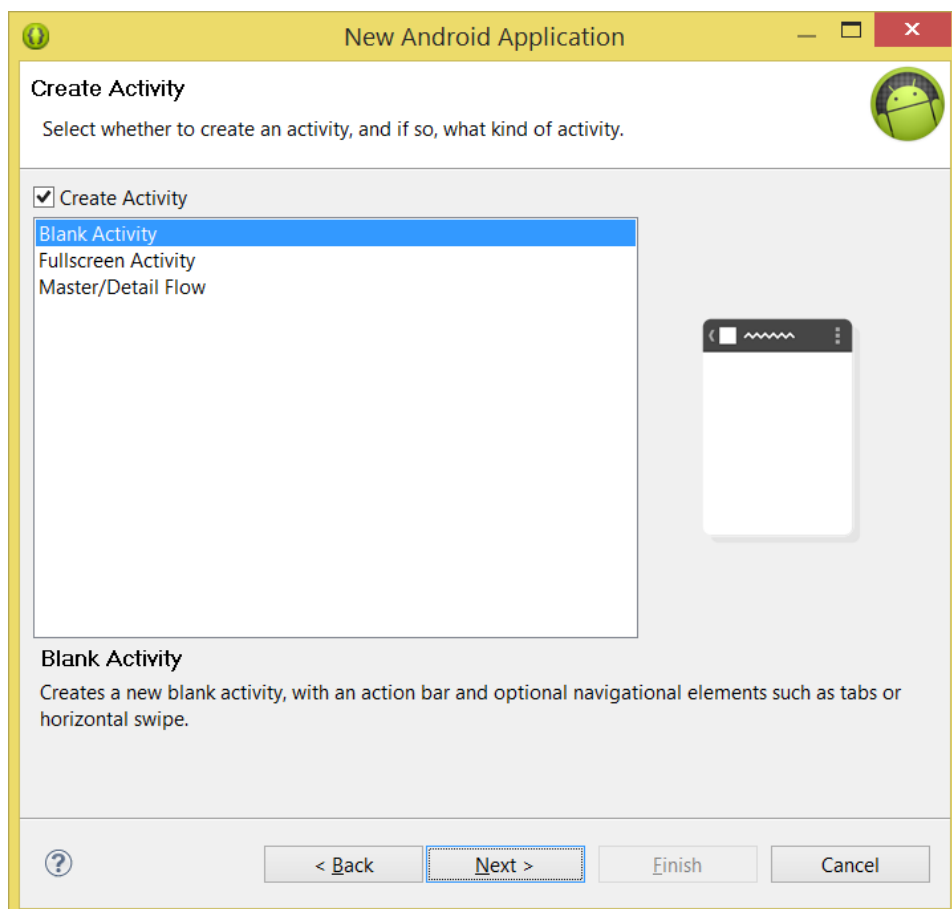
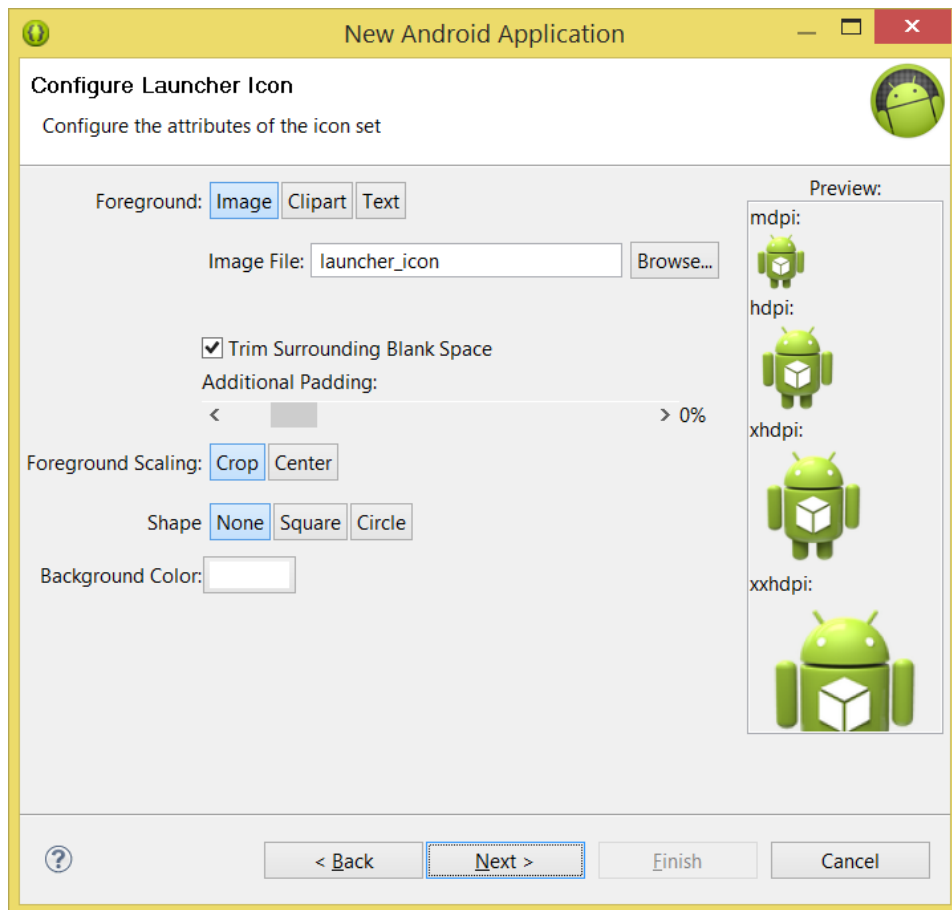
☒ Create Project in Workspace

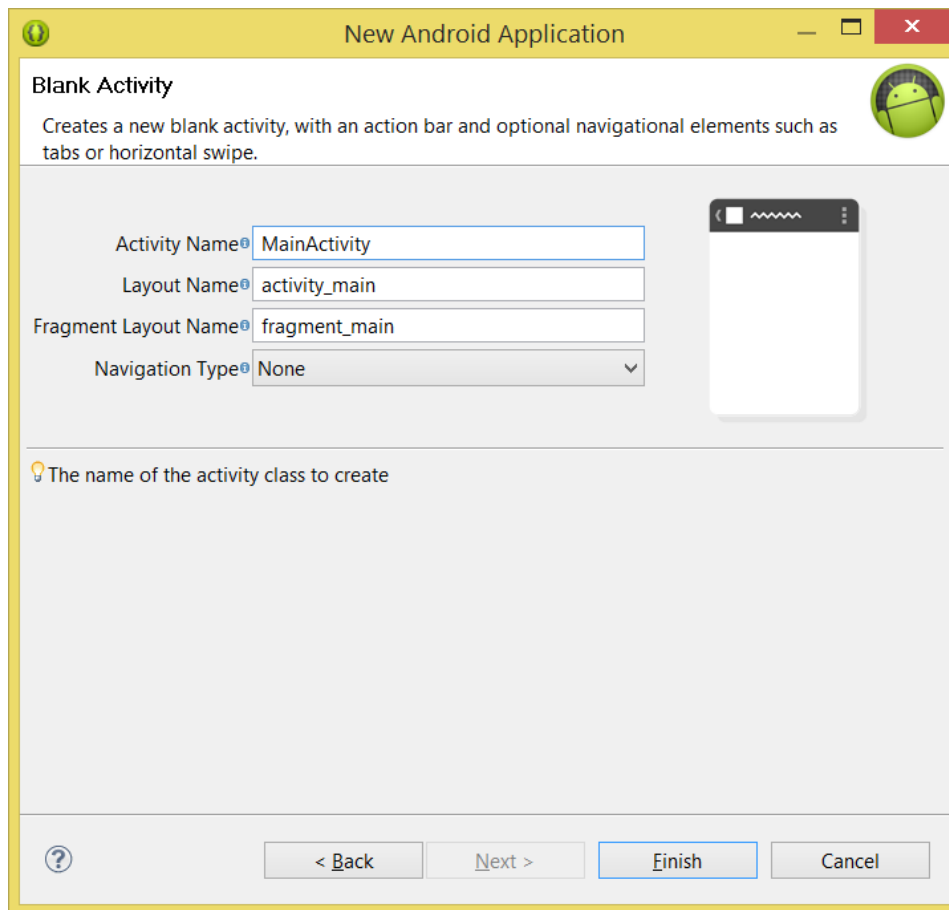
Location:

Working sets

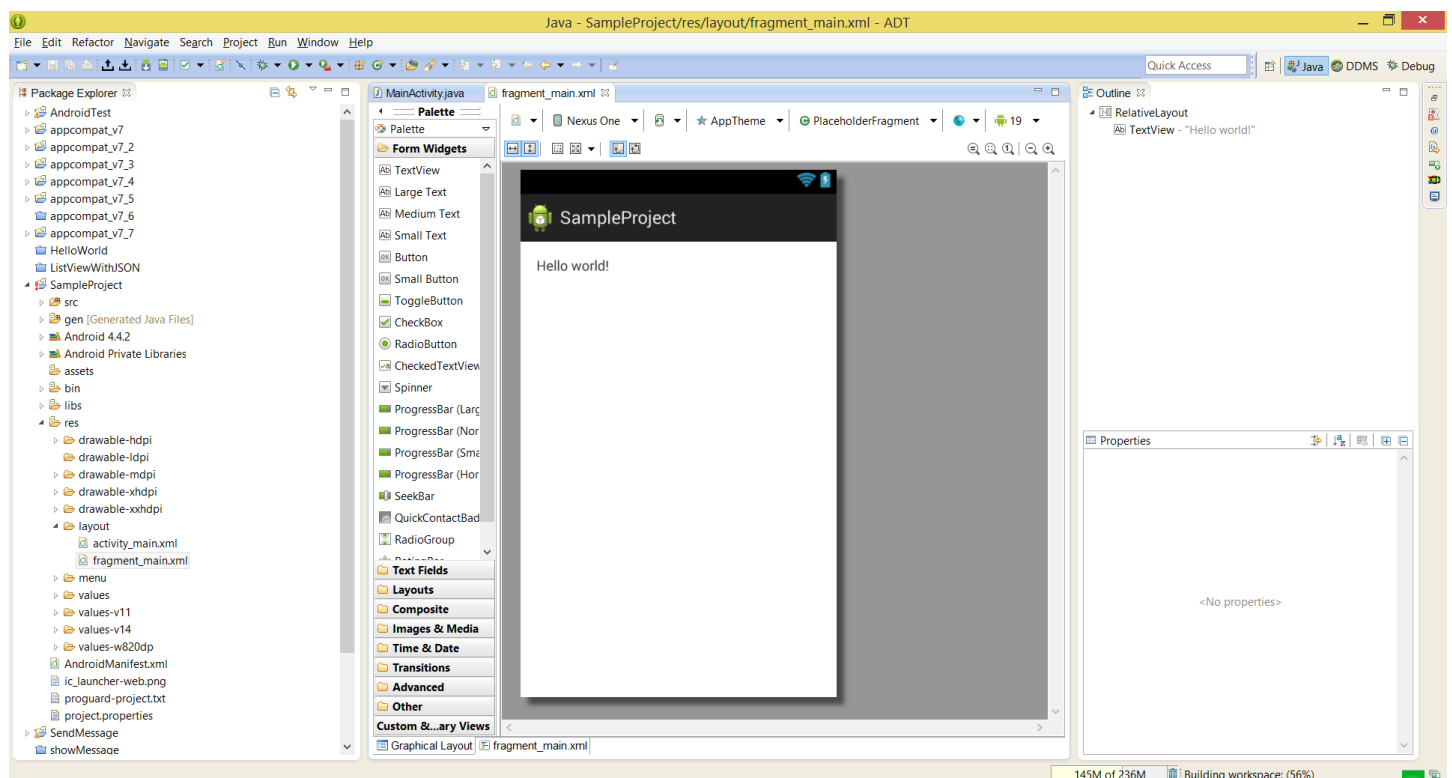
☐ Add project to working sets

Working sets:





Nhấn Finish và xem kết quả :



## Thực hiện bỏ Fragment Layout:

Thực hiện copy nội dung từ file fragment\_main.xml sang activity\_main.xml

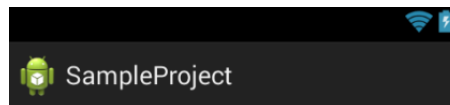
Xóa file fragment\_main.xml

Thực hiện xóa nội dung trong file MainActivity.java theo hướng dẫn bên dưới:

```
21         if (savedInstanceState == null) {
22             getSupportFragmentManager().beginTransaction()
23                 .add(R.id.container, new PlaceholderFragment())
24                 .commit();
25         }

49     /**
50      * A placeholder fragment containing a simple view.
51      */
52     public static class PlaceholderFragment extends Fragment {
53
54         public PlaceholderFragment() {
55         }
56
57         @Override
58         public View onCreateView(LayoutInflater inflater, ViewGroup container,
59             Bundle savedInstanceState) {
60             View rootView = inflater.inflate(R.layout.fragment_main, container, false);
61             return rootView;
62         }
63     }
```

Thiết kế giao diện như bên dưới:



Xin Chào

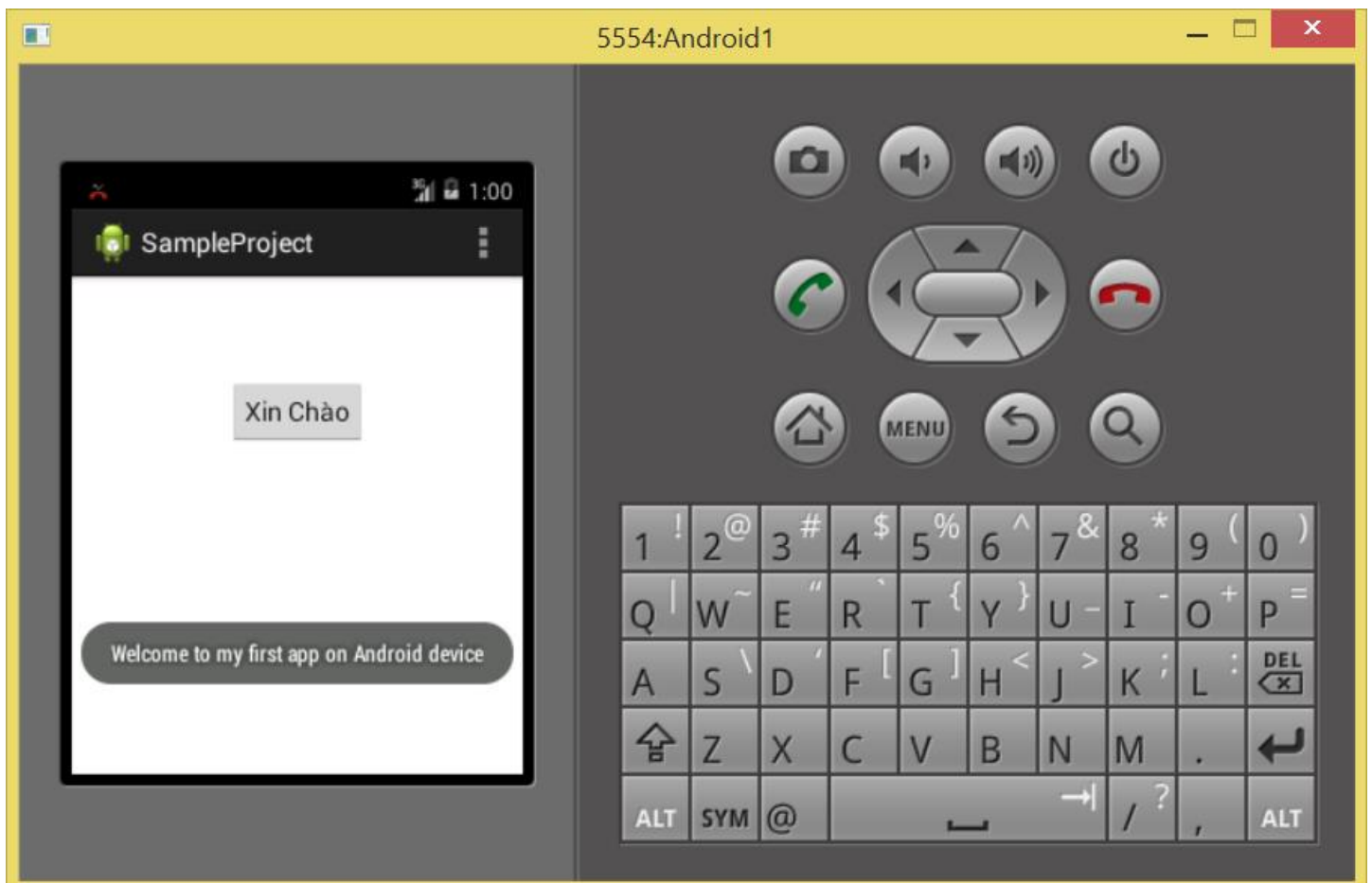
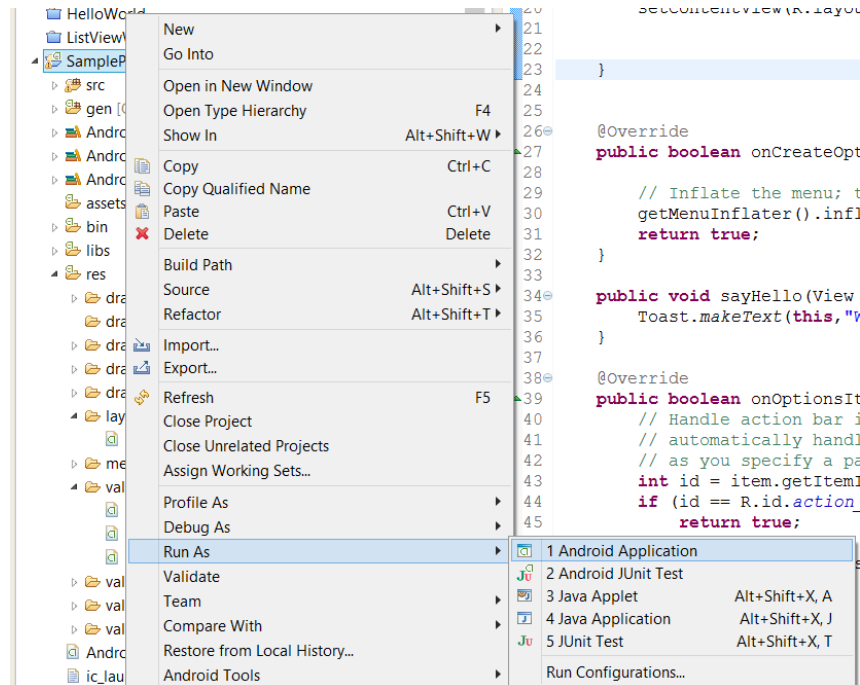
Mở code giao diện (file .xml) và thực hiện thêm cú pháp như bên dưới:

```
11 <Button
12     android:id="@+id/button1"
13     android:layout_width="wrap_content"
14     android:layout_height="wrap_content"
15     android:layout_alignParentTop="true"
16     android:layout_centerHorizontal="true"
17     android:layout_marginTop="56dp"
18     android:text="@string/btnHello"
19     android:onClick="sayHello">
```

Mở file MainActivity.java và thêm function sayHello như bên dưới:

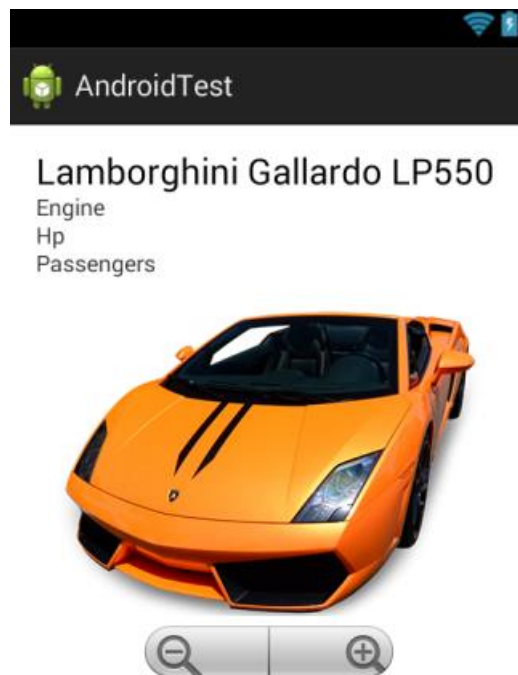
```
public void sayHello(View v){  
    Toast.makeText(this, "Welcome to my first app on Android device", Toast.LENGTH_LONG).show();  
}
```

Thực hiện chạy ứng dụng trên máy ảo và xem kết quả:



## Bài 2:

Sinh viên thiết kế giao diện theo yêu cầu



## Bài 3:

Sinh viên thiết kế giao diện theo yêu cầu

