

# Compte Rendu TP4 :

## Custom ListView

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## **1. Partie Design :**

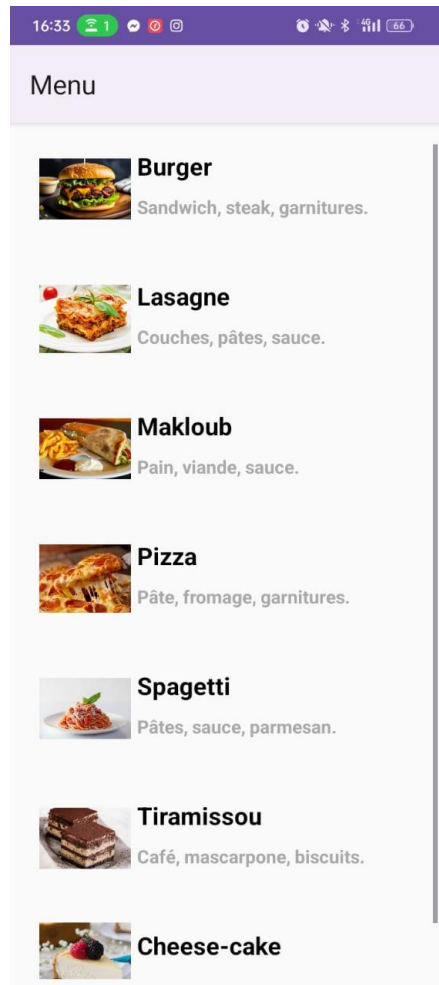
- **Icône de l'application :**



- **Splash screen :**

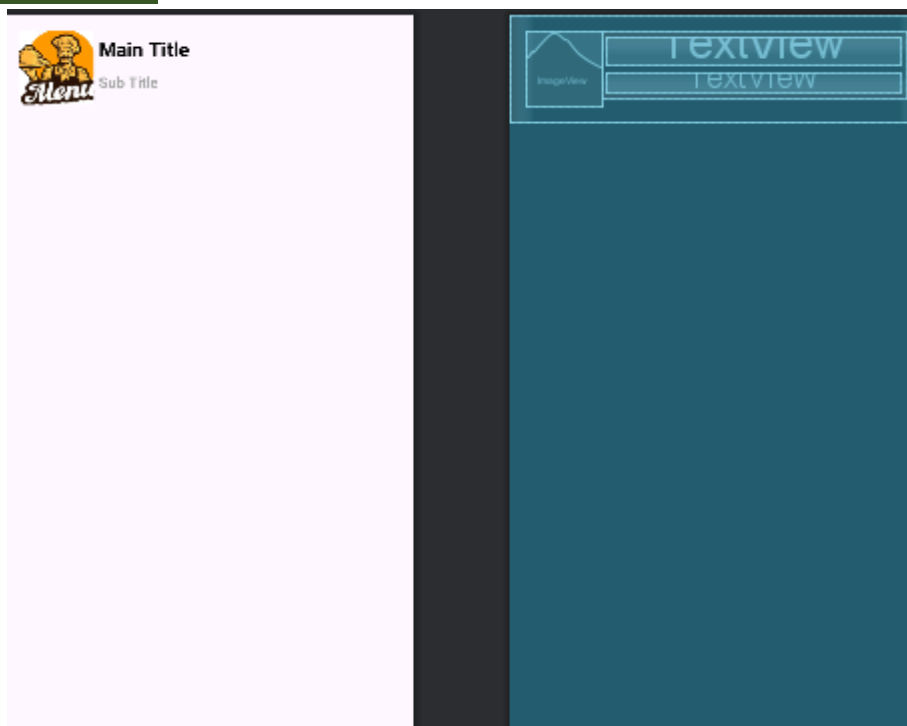


- List View :

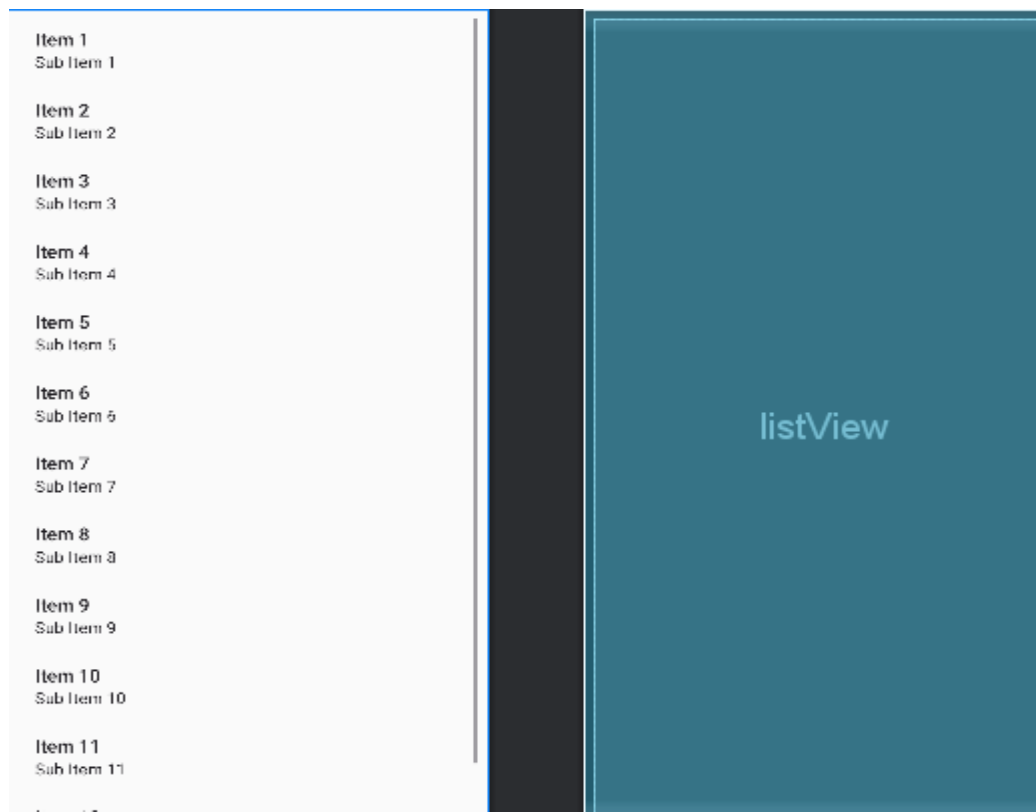


## 2. Partie Code :

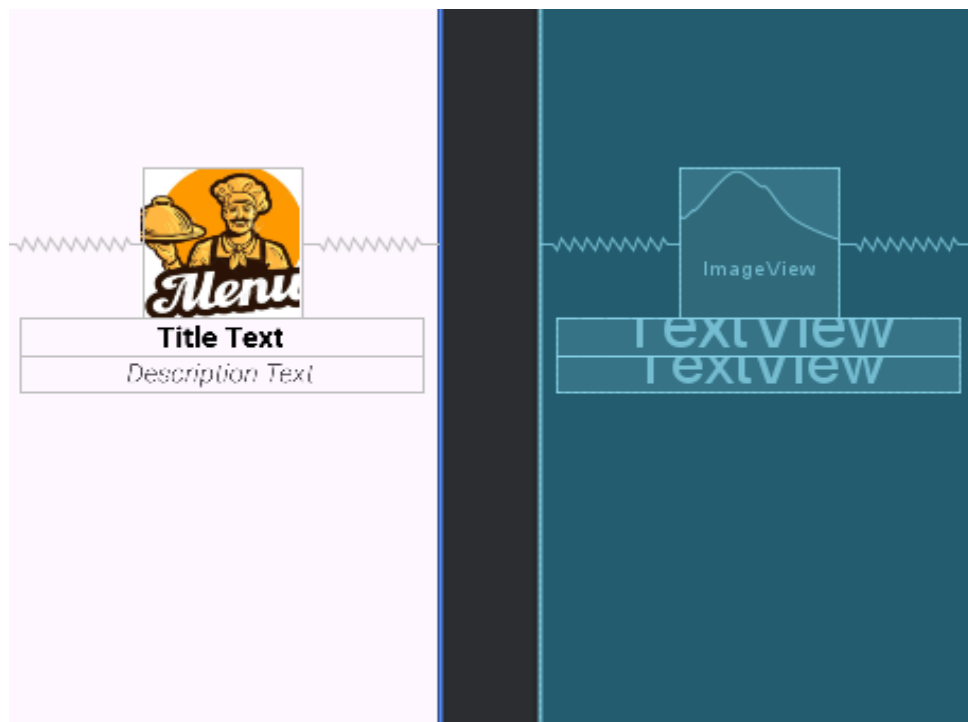
- Row.xml :



- **Activitymain.xml :**



- **Activityanother.xml :**



- mainActivity.java

```

MainActivity.java x AnotherActivity.java
<> public class MainActivity extends AppCompatActivity {
    3 usages
    ListView listView;

    6 usages
    String mTitle[] = {"Burger", "Lasagne", "Makloub", "Pizza", "Spagetti", "Tiramissou", "Cheese-cake"};
    6 usages
    String mDescription[] = {"Sandwich, steak, garnitures.", "Couches, pâtes, sauce.", "Pain, viande, sauce.", "Pâte, fromage, garnitures."};
    6 usages
    int images[] = {R.drawable.burger, R.drawable.lasagne, R.drawable.makloub, R.drawable.pizza, R.drawable.spagetti, R.drawable.tiramissou, R.drawable.cheese_cake};

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

        listView = findViewById(R.id.listView);

        MyAdapter adapter = new MyAdapter(this, mTitle, mDescription, images);
        listView.setAdapter(adapter);

        listView.setOnItemClickListener(new AdapterView.OnItemClickListener() {
            @Override
            public void onItemClick(AdapterView<?> parent, View view, int position, long id) {
                if (position == 0) {
                    Intent intent = new Intent(getApplicationContext(), AnotherActivity.class);

                    if (position == 0) {
                        Intent intent = new Intent(getApplicationContext(), AnotherActivity.class);
                        // this intent put our 0 index image to another activity
                        Bundle bundle = new Bundle();
                        bundle.putInt("image", images[0]);
                        intent.putExtras(bundle);
                        // now put title and description to another activity
                        intent.putExtra(name: "title", mTitle[0]);
                        intent.putExtra(name: "description", mDescription[0]);
                        // also put your position
                        intent.putExtra(name: "position", value: ""+0);
                        startActivity(intent);
                    }
                }
                if (position == 1) {
                    Intent intent = new Intent(getApplicationContext(), AnotherActivity.class);
                    // this intent put our 0 index image to another activity
                    Bundle bundle = new Bundle();
                    bundle.putInt("image", images[1]);
                    intent.putExtras(bundle);
                    // now put title and description to another activity
                    intent.putExtra(name: "title", mTitle[1]);
                    intent.putExtra(name: "description", mDescription[1]);
                    // also put your position
                    intent.putExtra(name: "position", value: ""+1);
                    startActivity(intent);
                }
            }
        });
    }
}

```

```

@NonNull
@Override
public View getView(int position, @Nullable View convertView, @NonNull ViewGroup parent) {
    LayoutInflater inflater = (LayoutInflater)getApplicationContext().getSystemService(Context.LAYOUT_INFLATER_SERVICE);

    View row = inflater.inflate(R.layout.row, parent, attachToRoot: false);

    ImageView images = row.findViewById(R.id.image);
    TextView myTitle = row.findViewById(R.id.textView1);
    TextView myDescription = row.findViewById(R.id.textView2);

    images.setImageResource(rImages[position]);
    myTitle.setText(rTitle[position]);
    myDescription.setText(rDescription[position]);

    return row;
}

```

- *AnotherActivity.java*

```

1 package com.example.customlistview;
2
3 > import ...
10
11 <> public class AnotherActivity extends AppCompatActivity {
12     6 usages
13     ImageView imageView;
14     6 usages
15     TextView title, description;
16     5 usages
17     int position;
18
19     @Override
20     protected void onCreate(Bundle savedInstanceState) {
21         super.onCreate(savedInstanceState);
22         setContentView(R.layout.activity_another);
23
24         ActionBar actionBar = getSupportActionBar();
25
26         if (actionBar != null) {
27             actionBar.setDisplayHomeAsUpEnabled(true);
28             actionBar.setDisplayShowHomeEnabled(true);
29             // aslo set in manifest
30         }
31
32         imageView = findViewById(R.id.another_imageView);
33         title = findViewById(R.id.titleText);
34         description = findViewById(R.id.descriptionText);

```

Activer Windows  
Accédez aux paramètres pour activer Windows.

