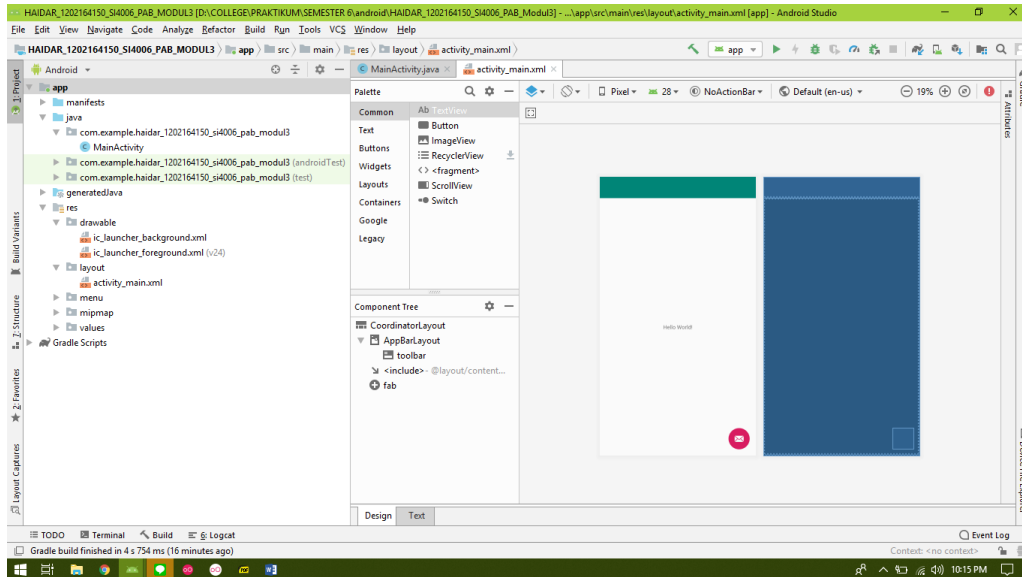


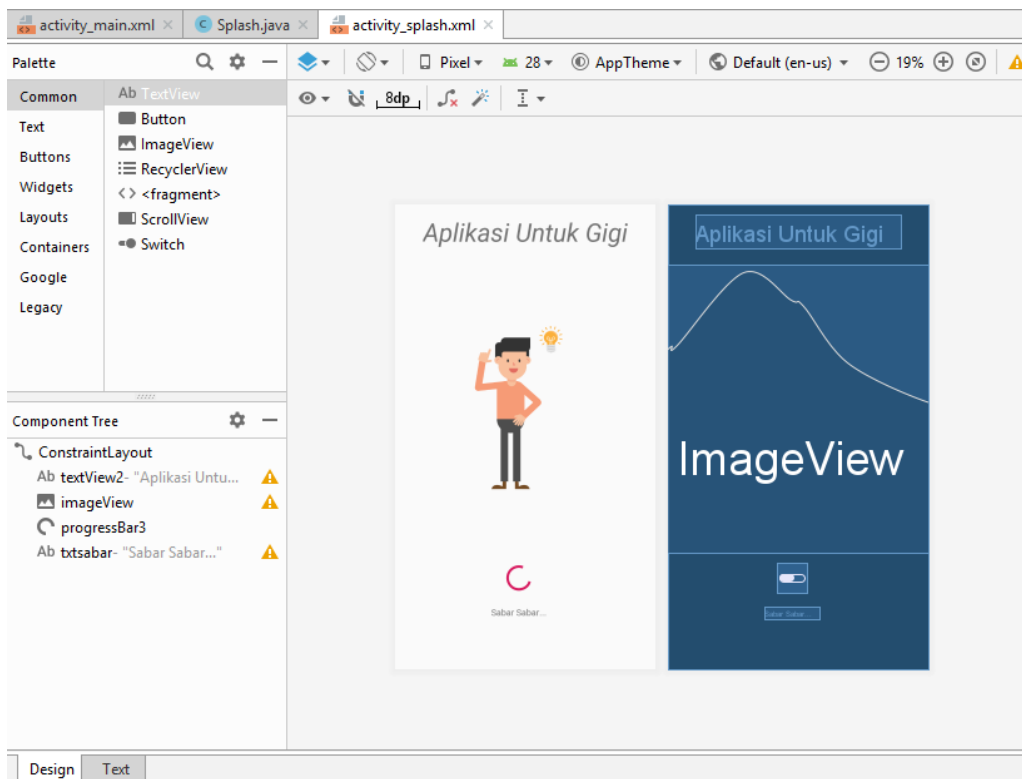
Nama :Haider Alvinanda Sulistyo

NIM :1202164150

Kelas :SI4006



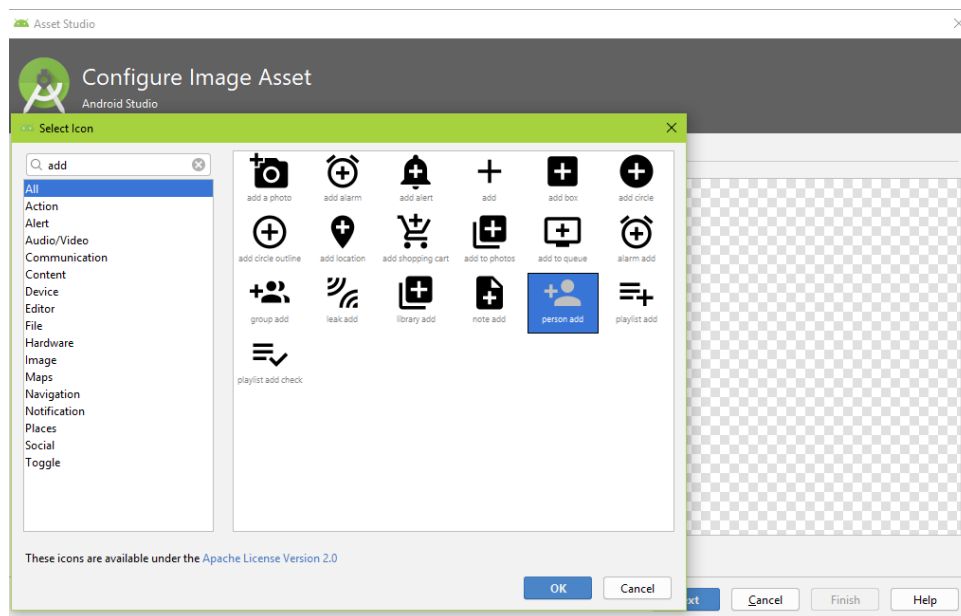
Buat project baru dengan aktivitas basic dan akan menghasilkan lembar kerja seperti diatas



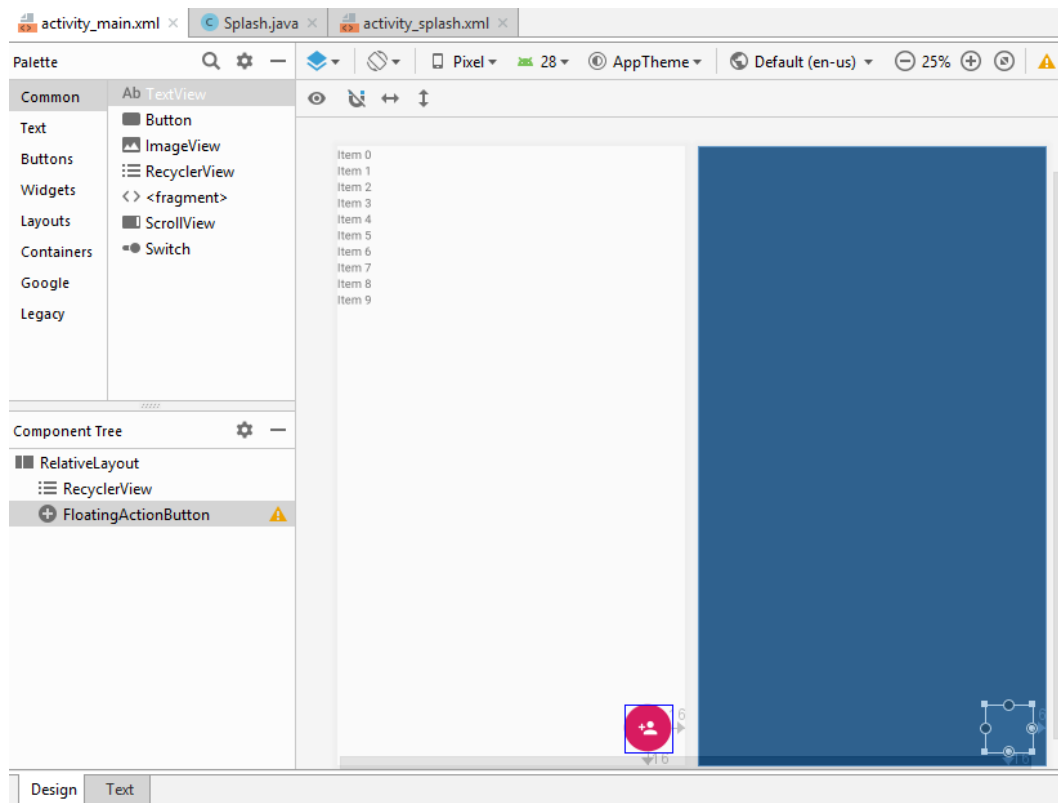
Susun splash screen layout seperti diatas, menurut kreatifitas masing masing

```
activity_main.xml x Splash.java x activity_splash.xml x
1 package com.example.HAIDAR_1202164150_SI4006_PAB_MODUL3;
2
3 import ...
12
13 public class Splash extends AppCompatActivity {
14     ActionBar actionBar;
15
16     @Override
17     protected void onCreate(Bundle savedInstanceState) {
18         super.onCreate(savedInstanceState);
19
20         requestWindowFeature(Window.FEATURE_NO_TITLE);
21         getWindow().setFlags(WindowManager.LayoutParams.FLAG_FULLSCREEN, WindowManager.LayoutParams.FLAG_FULLSCREEN);
22         setContentView(R.layout.activity_splash);
23
24         actionBar = getSupportActionBar();
25         actionBar.hide();
26         final Handler handler = new Handler();
27         handler.postDelayed(() -> {
28             startActivity(new Intent(getApplicationContext(), MainActivity.class));
29             finish();
30         }, delayMillis: 6000L); //6000 L = 6 detik
31
32     }
34 }
```

Kemudian tuliskan kode di java untuk splash



Kemudian tambah icon person add seperti diatas dengan new image assets



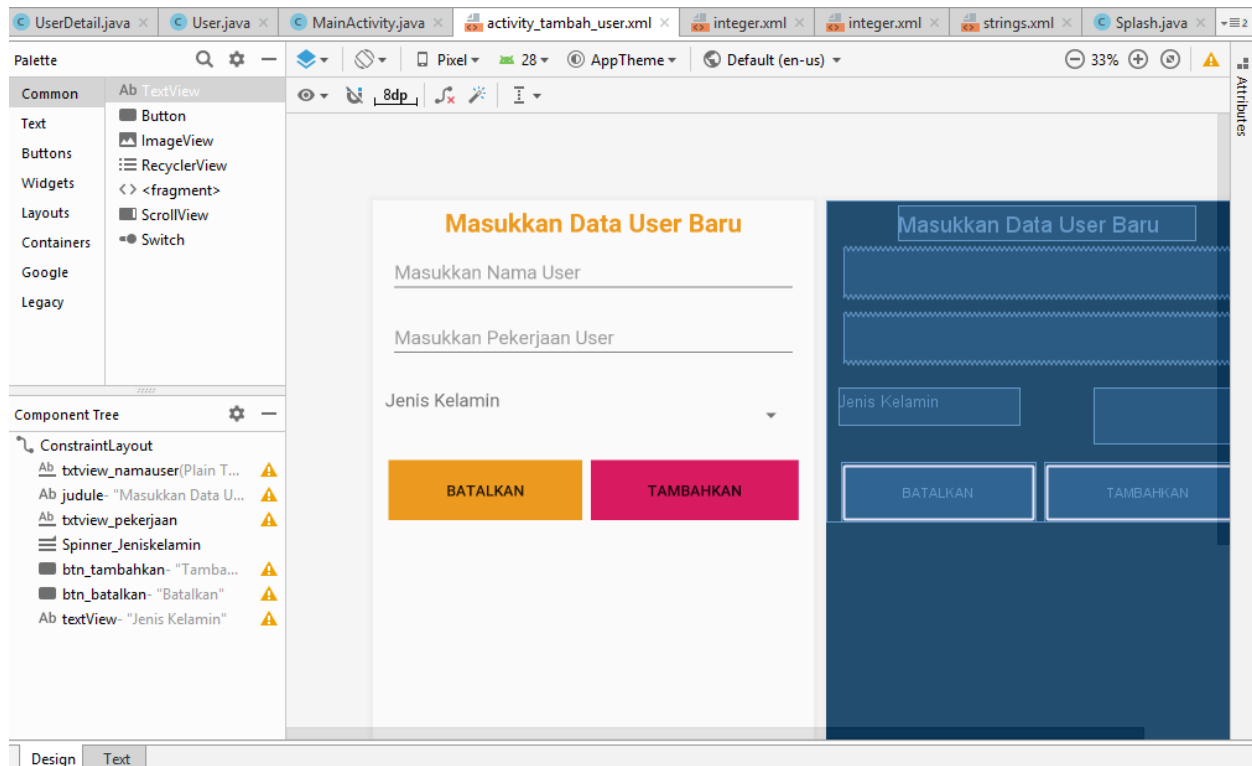
Kemudian di aktivitas main buat recycler view seperti diatas, dengan kode seperti berikut:

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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"
    tools:context=".MainActivity">

    <android.support.v7.widget.RecyclerView
        android:id="@+id/RecyclerView"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:scrollbars="vertical" />

    <android.support.design.widget.FloatingActionButton
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentBottom="true"
        android:layout_alignParentRight="true"
        android:layout_alignParentEnd="true"
        android:layout_margin="16dp"
        android:src="@drawable/ic_tambah"
        android:tint="@android:color/white"
        android:onClick="tambah" />

</RelativeLayout>
```



Kemudian buat activity untuk menambahkan data user seperti diatas

```
<?xml version="1.0" encoding="utf-8" ?>
<android.support.constraint.ConstraintLayout
    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="wrap_content">

    <EditText
        android:id="@+id/txtview_namauser"
        android:layout_width="0dp"
        android:layout_height="wrap_content"
        android:layout_marginStart="16dp"
        android:layout_marginTop="8dp"
        android:layout_marginEnd="16dp"
        android:ems="10"
        android:hint="Masukkan Nama User"
        android:inputType="textPersonName"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/judule" />

    <TextView
        android:id="@+id/judule"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginStart="16dp"
        android:layout_marginTop="4dp"
        android:layout_marginEnd="16dp"
        android:text="Masukkan Data User Baru"
        android:textColor="@color/colorPrimary"
        android:textSize="24sp"
```

```
    android:textStyle="bold"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent" />
```

<EditText

```
    android:id="@+id/txtview_pekerjaan"
    android:layout_width="0dp"
    android:layout_height="wrap_content"
    android:layout_marginTop="16dp"
    android:ems="10"
    android:hint="Masukkan Pekerjaan User"
    android:inputType="text"
    app:layout_constraintEnd_toEndOf="@+id/txtview_namauser"
    app:layout_constraintHorizontal_bias="0.0"
    app:layout_constraintStart_toStartOf="@+id/txtview_namauser"
    app:layout_constraintTop_toBottomOf="@+id/txtview_namauser" />
```

<Spinner

```
    android:id="@+id/Spinner_Jeniskelamin"
    android:layout_width="145dp"
    android:layout_height="52dp"
    android:spinnerMode="dropdown"
    app:layout_constraintEnd_toEndOf="@+id/txtview_pekerjaan"
    app:layout_constraintHorizontal_bias="1.0"
    app:layout_constraintStart_toStartOf="@+id/txtview_pekerjaan"
    app:layout_constraintTop_toTopOf="@+id/textView" />
```

<Button

```
    android:id="@+id/btn_tambahkan"
    android:layout_width="194dp"
    android:layout_height="56dp"
    android:layout_marginStart="8dp"
    android:layout_marginTop="16dp"
    android:layout_marginEnd="8dp"
    android:background="@color/colorAccent"
    android:text="Tambahkan"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.969"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/Spinner_Jeniskelamin" />
```

<Button

```
    android:id="@+id/btn_batalikan"
    android:layout_width="181dp"
    android:layout_height="56dp"
    android:layout_marginStart="8dp"
    android:layout_marginTop="16dp"
    android:layout_marginEnd="8dp"
    android:background="@color/colorPrimary"
    android:text="Batalikan"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.03"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/Spinner_Jeniskelamin" />
```

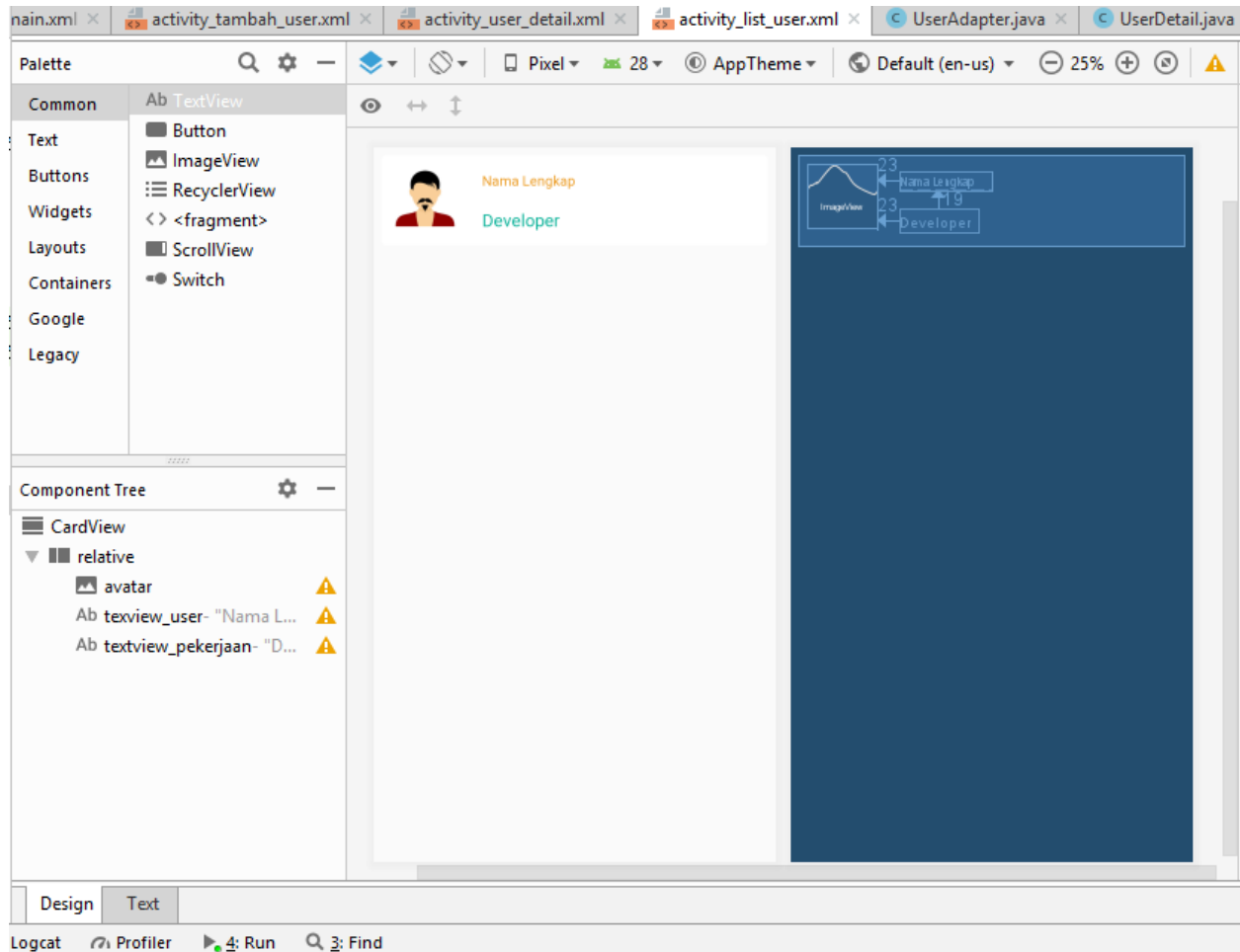
<TextView

```
    android:id="@+id/textView"
    android:layout_width="168dp"
    android:layout_height="35dp"
    android:layout_marginStart="8dp"
    android:layout_marginTop="24dp"
    android:layout_marginEnd="8dp"
```

```

        android:text="Jenis Kelamin"
        android:textSize="17dp"
        app:layout_constraintEnd_toStartOf="@+id/Spinner_Jeniskelamin"
        app:layout_constraintHorizontal_bias="0.049"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/txtview_pekerjaan" />
</android.support.constraint.ConstraintLayout>

```



Kemudian membuat activity_list_user yang fungsinya menjadi cetakan untuk inputan user yang sudah dimasukkan

```

<?xml version="1.0" encoding="utf-8"?>
<android.support.v7.widget.CardView
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_margin="8dp"
    app:cardCornerRadius="4dp">

    <RelativeLayout
        android:id="@+id/relative"
        android:layout_width="match_parent"
        android:layout_height="wrap_content">

```

```

<ImageView
    android:id="@+id/avatar"
    android:layout_width="72dp"
    android:layout_height="wrap_content"
    android:layout_marginLeft="8dp"
    android:layout_marginTop="8dp"
    android:layout_marginBottom="8dp"
    android:adjustViewBounds="true"
    android:src="@drawable/cowok" />

<TextView
    android:id="@+id/textview_user"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="23dp"
    android:layout_marginTop="16dp"
    android:layout_toRightOf="@id/avatar"
    android:text="Nama Lengkap"
    android:textColor="@color/colorPrimary" />

<TextView
    android:id="@+id/textview_pekerjaan"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_below="@id/textview_user"
    android:layout_marginLeft="23dp"
    android:layout_marginTop="19dp"
    android:layout_marginBottom="14dp"
    android:layout_toRightOf="@id/avatar"
    android:text="Developer"
    android:textColor="@color/colorPrimaryDark"
    android:textFontWeight="900"
    android:textSize="18dp" />
</RelativeLayout>

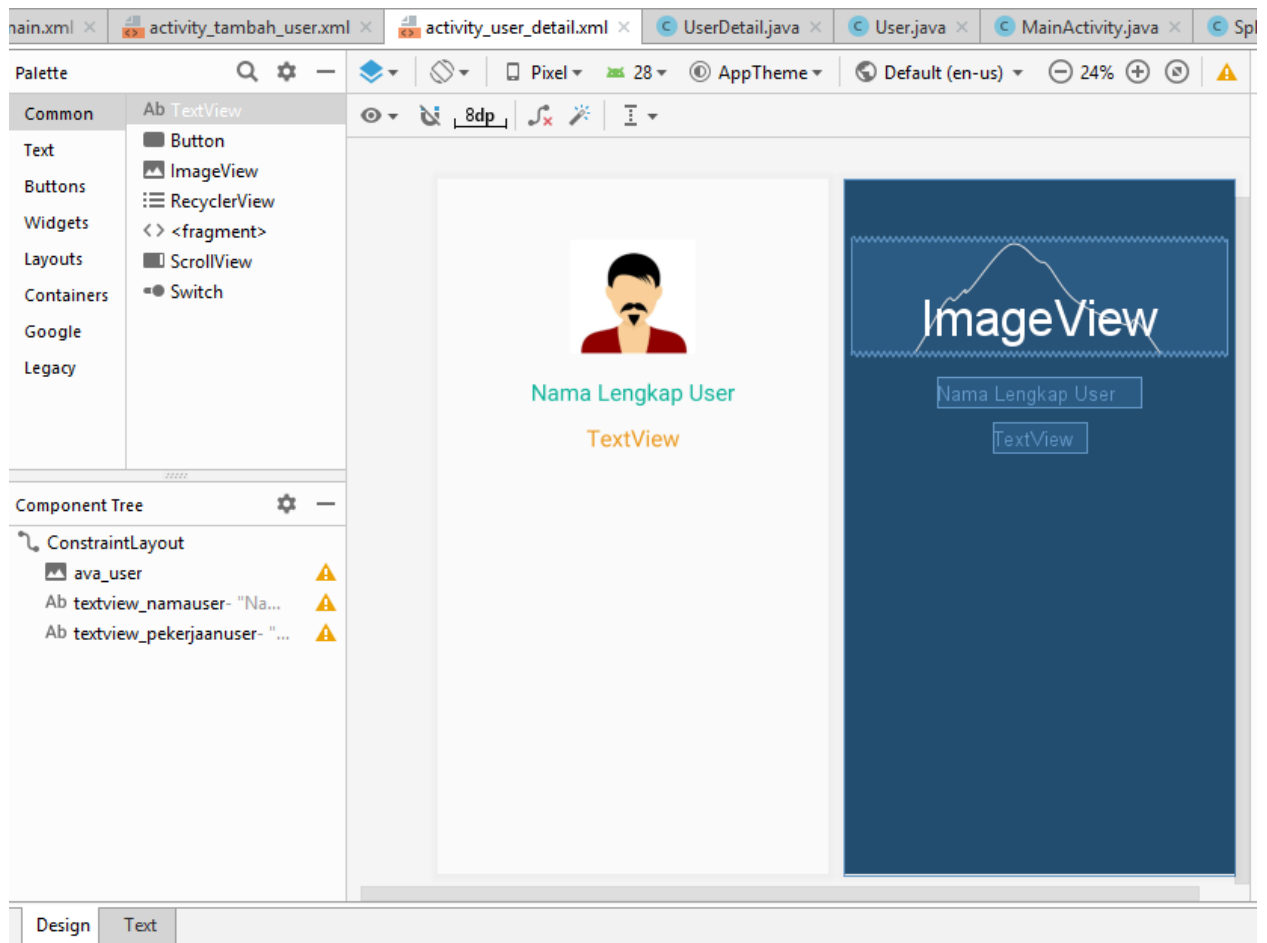
</android.support.v7.widget.CardView>

```

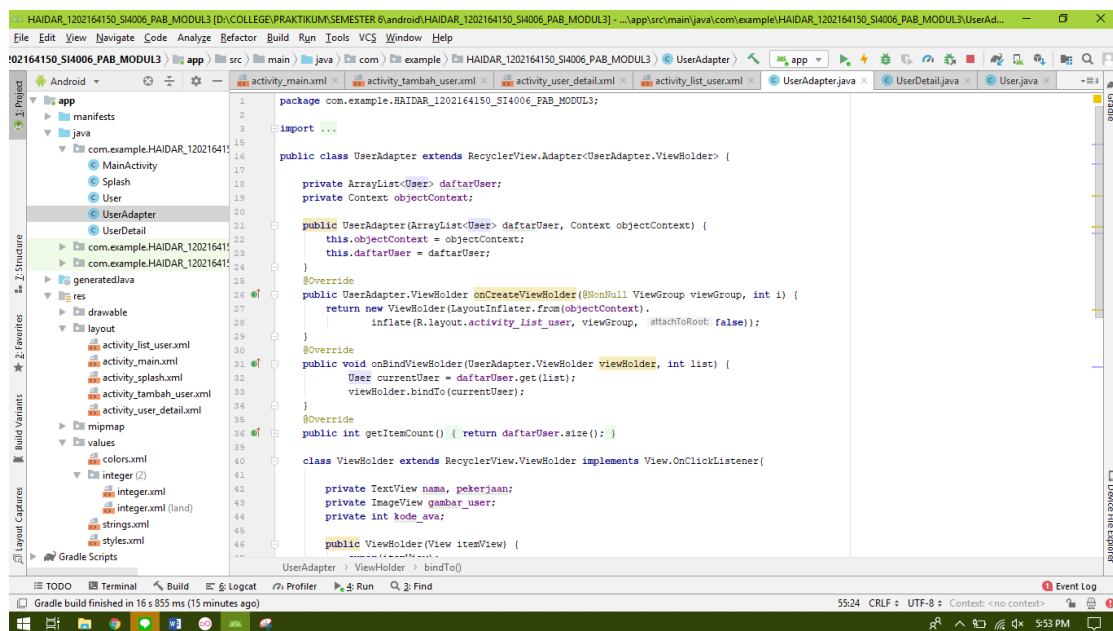
```
activity_main.xml × activity_tambah_user.xml × User.java × UserDetail.java × Splash.java × activity_splash.xml ×
1 package com.example.HAIDAR_1202164150_SI4006_PAB_MODUL3;
2
3 class User {
4
5     private String nama;
6     private String pekerjaan;
7     private final int ava;
8
9     public User(String nama, String pekerjaan, int ava) {
10         this.nama = nama;
11         this.pekerjaan = pekerjaan;
12         this.ava = ava;
13     }
14     public String getName() { return nama; }
17     public String getPekerjaan() { return pekerjaan; }
20     public int getAvatar() { return ava; }
23 }
24

User > User()
```

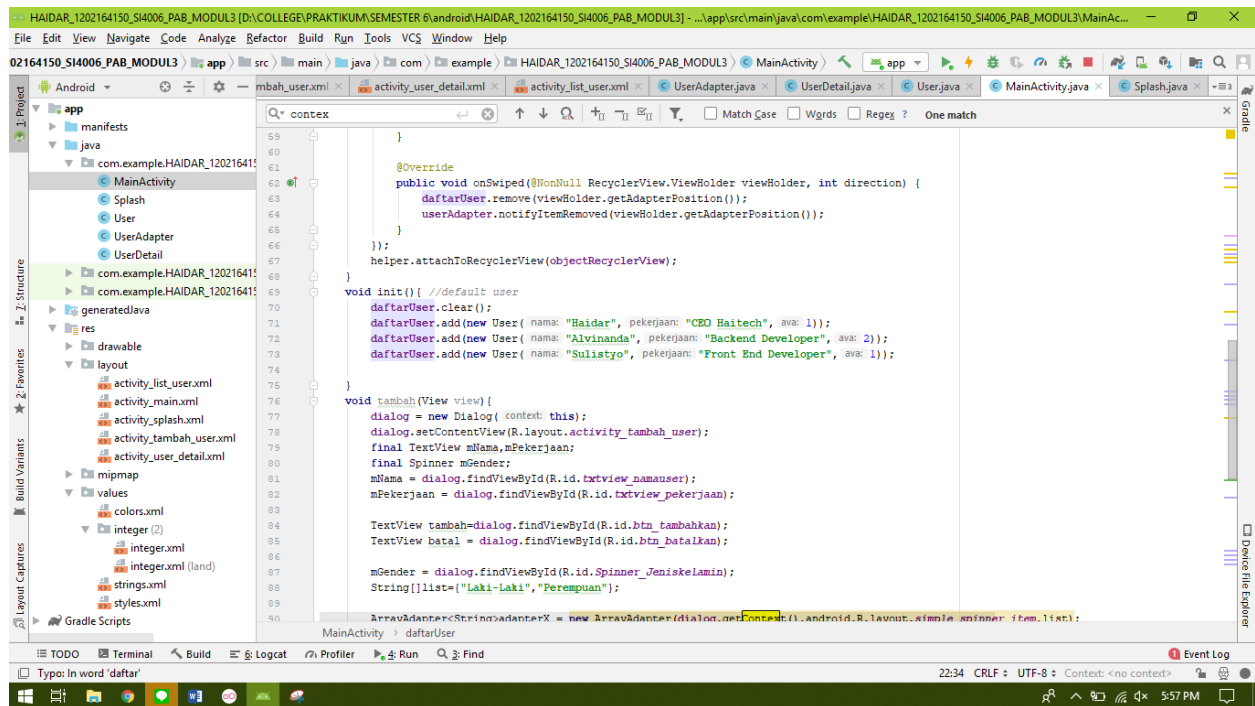
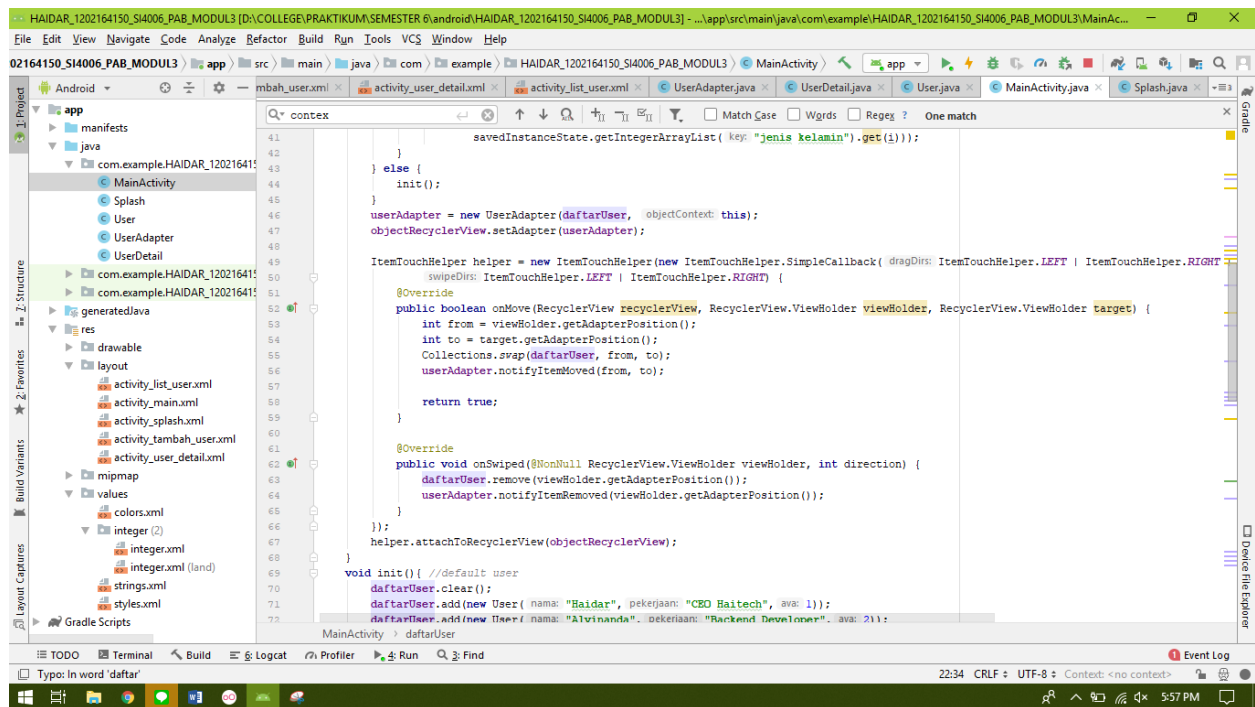
Kemudian ada class java untuk user mendapatkan nilai dari nama, pekerjaan, dan avatar

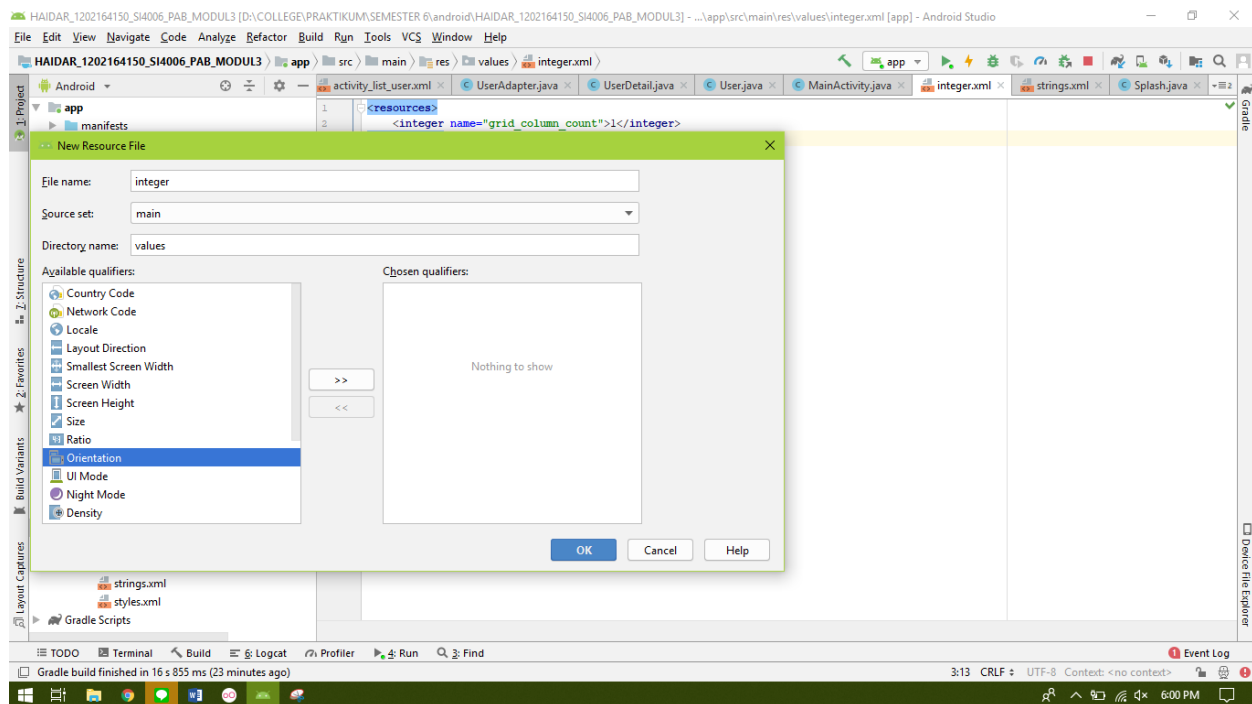
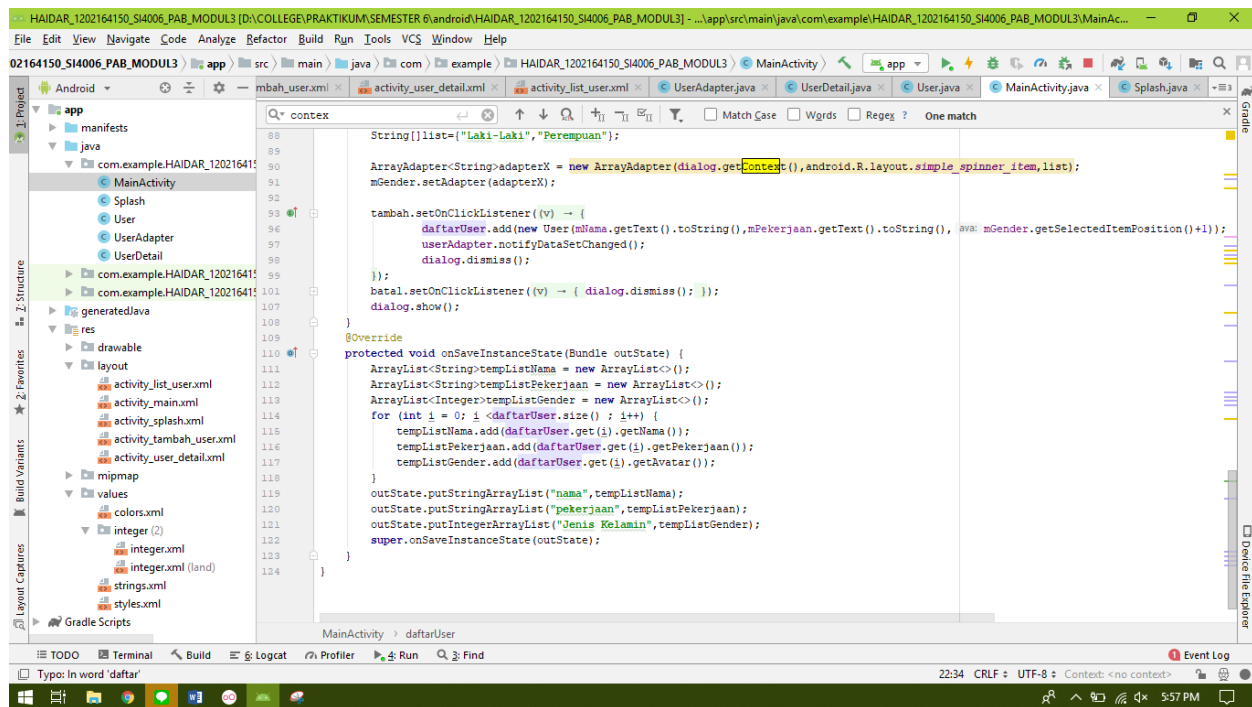


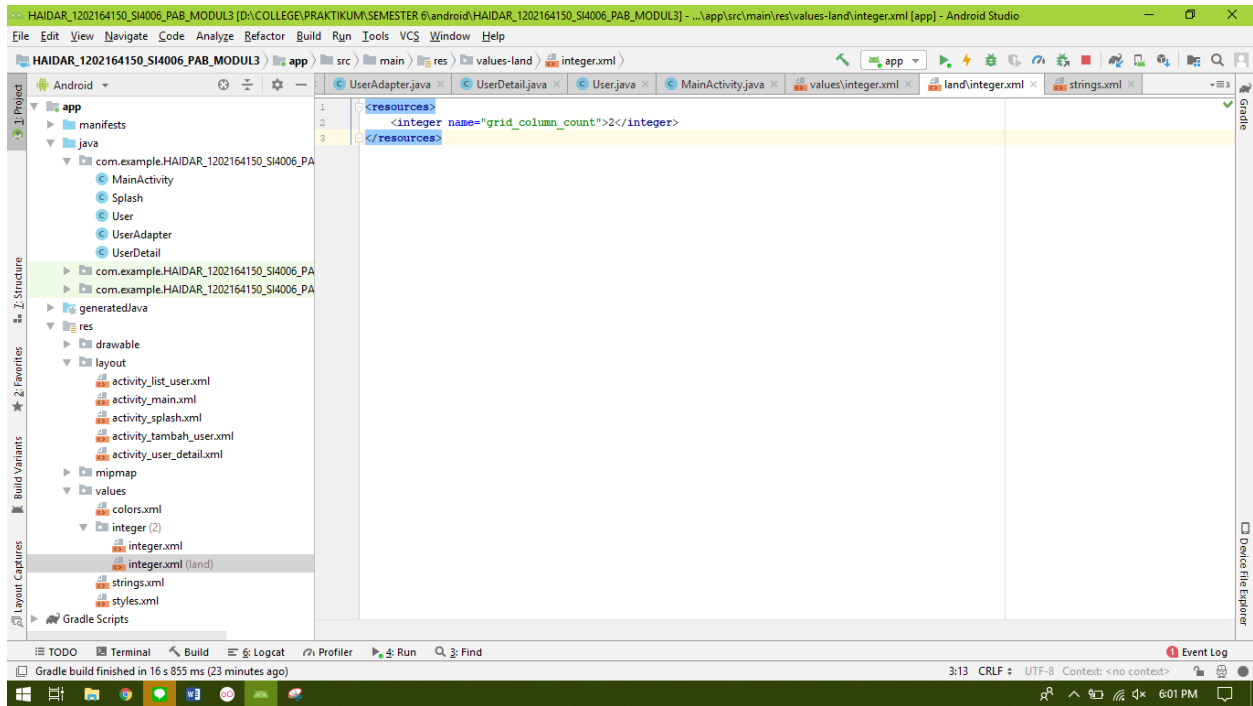
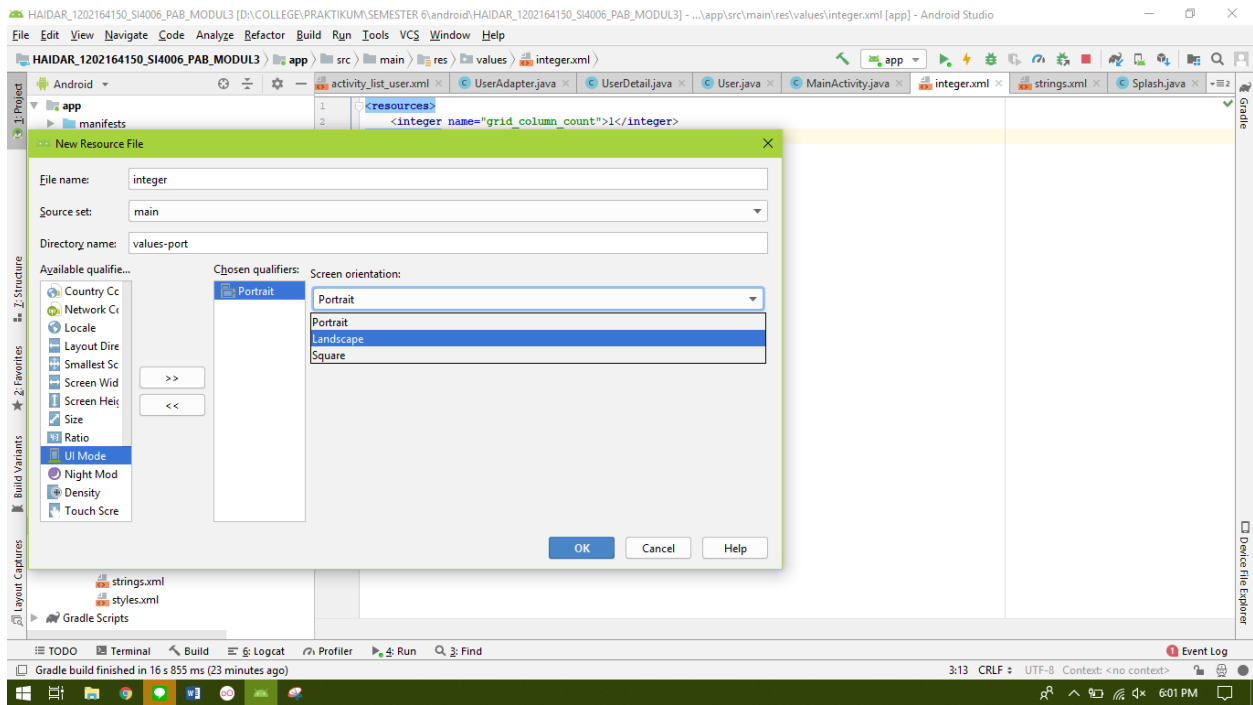
Kemudian membuat activity untuk menampung hasil dari list user yang sudah ada di main activity



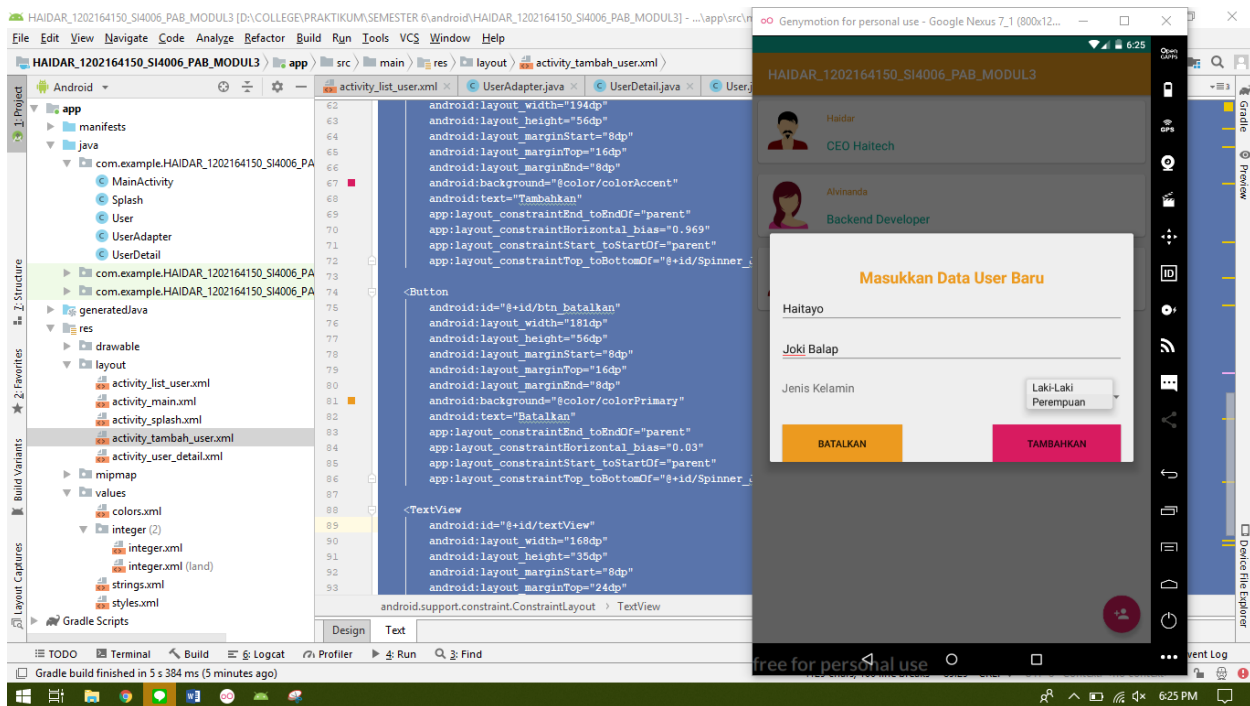
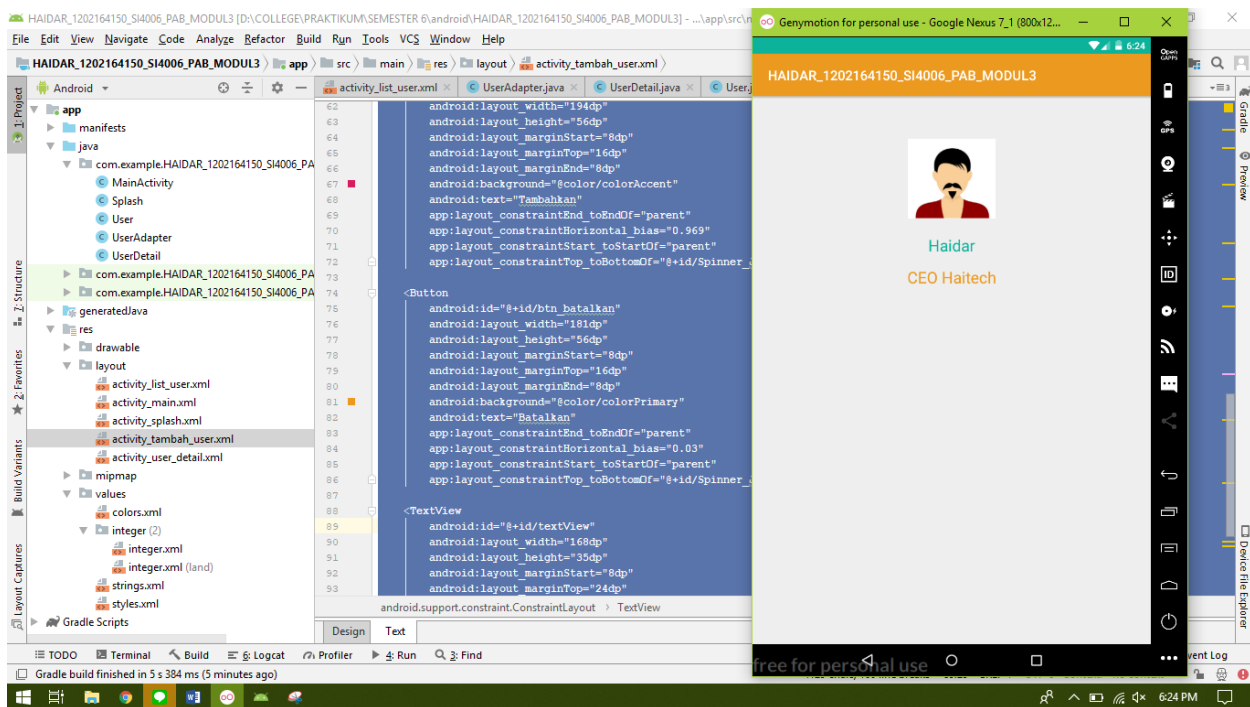
Kemudian ada user adapter

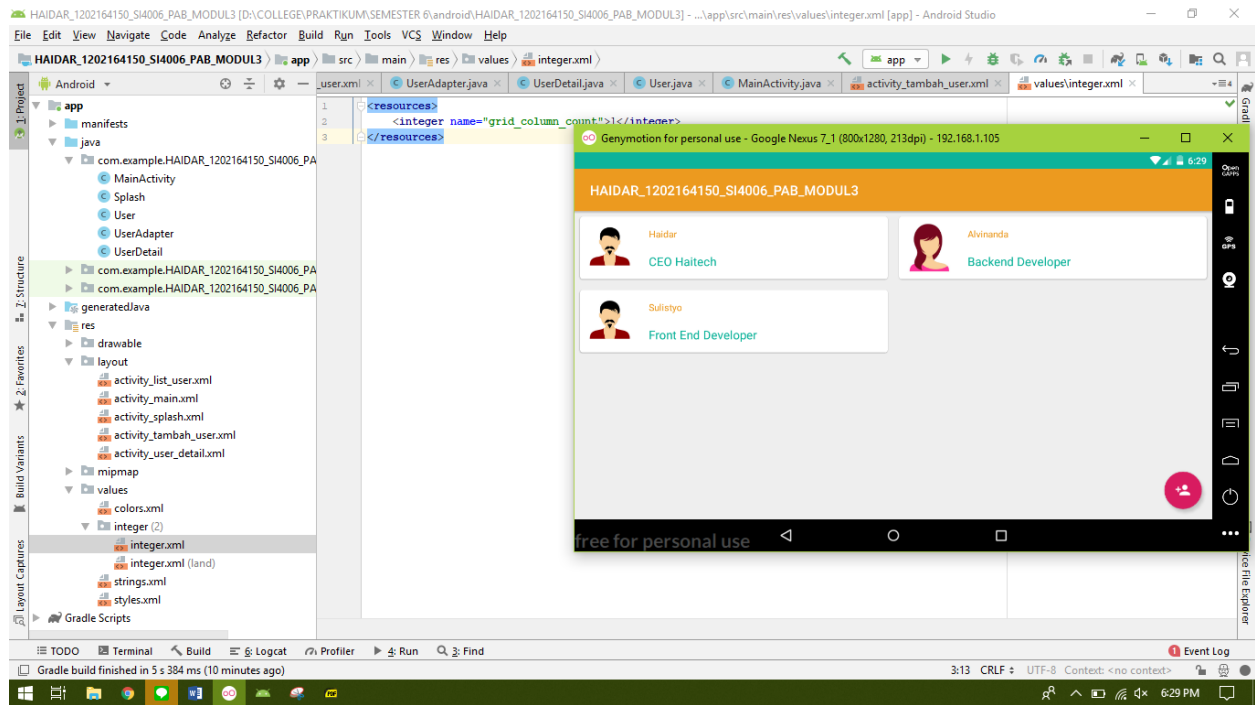






Integer landscape





rotate