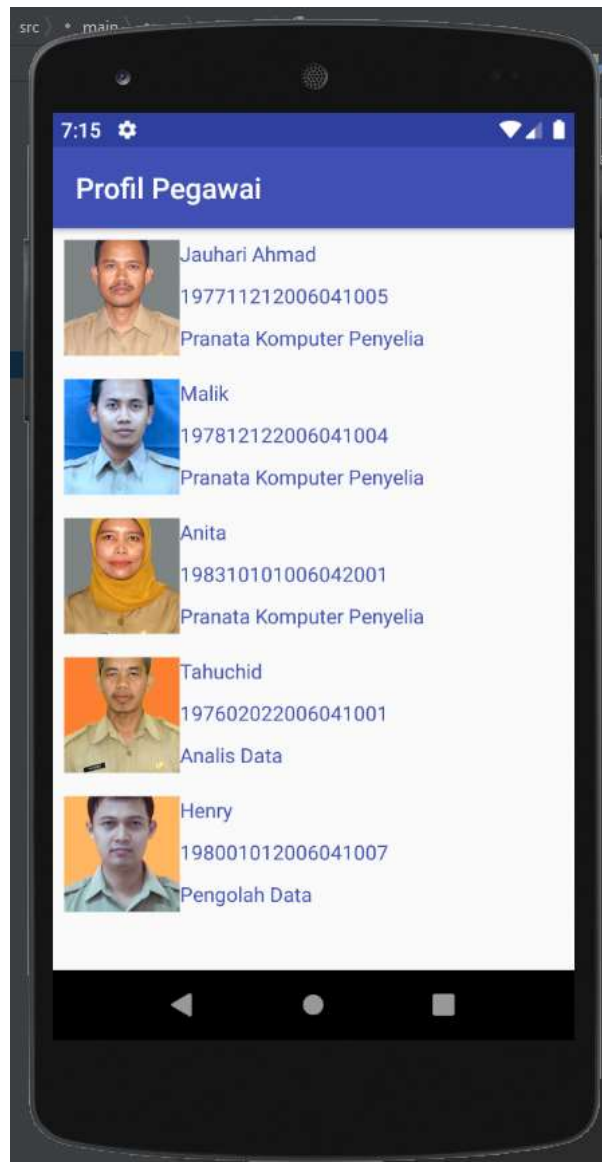
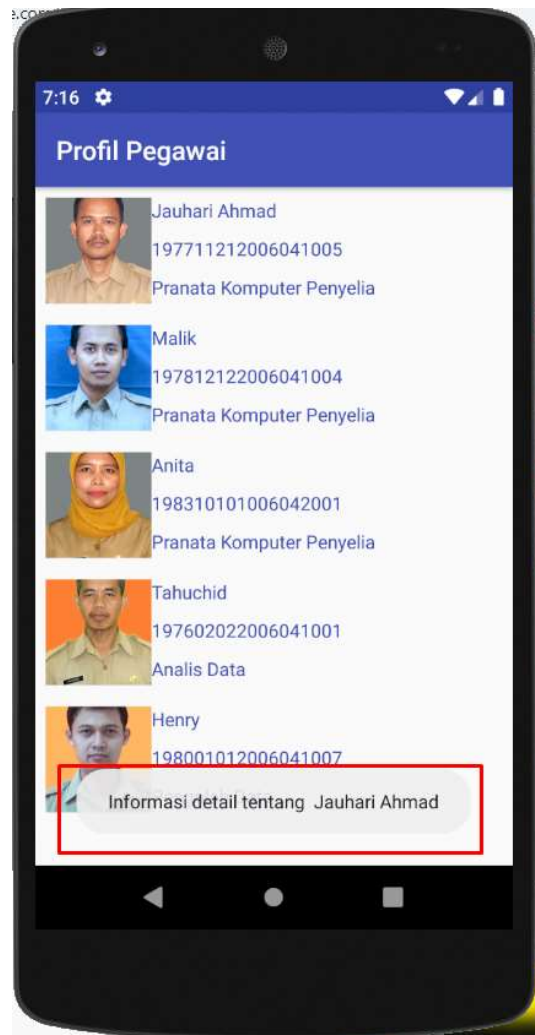

Tugas Pemrograman Mobile Pertemuan ke-6.

Hasil develop aplikasi



Screenshot halaman utama



Klik pada nama pegawai

Source Code

Pegawai.kt

```
package com.jauhari.androidrecyclerview.domain

data class Pegawai(
    val name: String,
    val image: String,
    val nip: String,
    val jabatan: String
)
```

Mainactivity.kt

```
package com.jauhari.androidrecyclerview

import android.os.Bundle
import android.support.v7.app.AppCompatActivity
import android.support.v7.widget.LinearLayoutManager
import android.widget.Toast
import com.jauhari.androidrecyclerview.domain.Pegawai
import kotlinx.android.synthetic.main.activity_main.*

class MainActivity : AppCompatActivity() {

    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_main)

        val listHeroes = listOf(
            Pegawai(nip="197711212006041005", name = "Jauhari Ahmad",
jabatan="Pranata Komputer Penyelia", image =
"https://skp.kulonprogokab.go.id/production/imageserve.php?image=http://simasneg.kulo
nprogokab.go.id/simasneg/foto/197711212006041005.jpg"),
            Pegawai(nip="197812122006041004", name = "Malik", jabatan="Pranata
Komputer Penyelia", image =
"https://skp.kulonprogokab.go.id/production/imageserve.php?image=http://simasneg.kulo
nprogokab.go.id/simasneg/foto/197803152006041011.jpg"),
            Pegawai(nip="198310101006042001", name = "Anita", jabatan="Pranata
Komputer Penyelia", image =
"https://skp.kulonprogokab.go.id/production/imageserve.php?image=http://simasneg.kulo
nprogokab.go.id/simasneg/foto/198304192006042006.jpg"),
            Pegawai(nip="197602022006041001", name = "Tahuchid", jabatan="Analisis
Data", image =
"https://skp.kulonprogokab.go.id/production/imageserve.php?image=http://simasneg.kulo
nprogokab.go.id/simasneg/foto/197603161997031005.jpg"),
            Pegawai(nip="198001012006041007", name = "Henry", jabatan="Pengolah
Data", image =
"https://skp.kulonprogokab.go.id/production/imageserve.php?image=http://simasneg.kulo
nprogokab.go.id/simasneg/foto/198208222005011004.jpg")
        )
    }
}
```

```
        val heroesAdapter = PegawaiAdapter(listHeroes) { hero ->
            Toast.makeText(this, "Informasi detail tentang ${hero.name}",
                Toast.LENGTH_SHORT).show()
        }

        rvMain.apply {
            // layoutManager = GridLayoutManager(this@MainActivity, 3)
            layoutManager = LinearLayoutManager(this@MainActivity)
            adapter = heroesAdapter
        }
    }
}
```

PegawaiAdapter.kt

```
package com.jauhari.androidrecyclerview

import android.support.v7.widget.RecyclerView
import android.view.LayoutInflater
import android.view.View
import android.view.ViewGroup
import com.jauhari.androidrecyclerview.domain.Pegawai
import com.squareup.picasso.Picasso
import kotlinx.android.synthetic.main.item_pegawai.view.imgHeroes
import kotlinx.android.synthetic.main.item_pegawai.view.txtHeroName
import kotlinx.android.synthetic.main.item_pegawai.view.txtNIP
import kotlinx.android.synthetic.main.item_pegawai.view.txtJabatan

class PegawaiAdapter(private val pegawais: List<Pegawai>,
    private val adapterOnClick: (Pegawai) -> Unit) :
    RecyclerView.Adapter<PegawaiAdapter.HeroHolder>() {

    override fun onCreateViewHolder(viewGroup: ViewGroup, p1: Int): HeroHolder {
        return
        HeroHolder(LayoutInflater.from(viewGroup.context).inflate(R.layout.item_pegawai,
            viewGroup, false))
    }

    override fun getItemCount(): Int = pegawais.size

    override fun onBindViewHolder(holder: HeroHolder, position: Int) {
        holder.bindHero(pegawais[position])
    }

    inner class HeroHolder(view: View) : RecyclerView.ViewHolder(view) {
        fun bindHero(pegawai: Pegawai) {
            itemView.apply {
                txtHeroName.text = pegawai.name
                txtNIP.text = pegawai.nip
                txtJabatan.text = pegawai.jabatan
                Picasso.get().load(pegawai.image).into(imgHeroes)
            }
        }
    }
}
```

```
        setOnClickListener {
            adapterOnClick(pegawai)
        }
    }
}
}
```

AndroidManifest.xml

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.jauhari.androidrecyclerview">

    <uses-permission android:name="android.permission.INTERNET"/>

    <application
        android:allowBackup="true"
        android:icon="@mipmap/ic_launcher"
        android:label="@string/app_name"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportRtl="true"
        android:theme="@style/AppTheme">
        <activity android:name="com.jauhari.androidrecyclerview.MainActivity">
            <intent-filter>
                <action android:name="android.intent.action.MAIN"/>

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

</manifest>
```

activity_main.xml

```
<?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/rvMain"
        android:layout_width="match_parent"
        android:layout_height="match_parent"/>

</RelativeLayout>
```

Item_pegawai.xml

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:padding="8dp">

    <ImageView
        android:id="@+id/imgHeroes"
        android:layout_width="80dp"
        android:layout_height="80dp"
        android:scaleType="centerCrop" />

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:orientation="vertical">

        <TextView
            android:id="@+id/txtHeroName"
            android:layout_width="wrap_content"
            android:layout_height="29dp"
            android:layout_gravity="center_horizontal|left"
            android:textAlignment="viewStart"
            android:textColor="#3F51B5"
            tools:text="Nama" />

        <TextView
            android:id="@+id/txtNIP"
            android:layout_width="wrap_content"
            android:layout_height="29dp"
            android:layout_gravity="center_horizontal|left"
            android:textAlignment="viewStart"
            android:textColor="#3F51B5"
            tools:text="NIP" />

        <TextView
            android:id="@+id/txtJabatan"
            android:layout_width="wrap_content"
            android:layout_height="29dp"
            android:layout_gravity="center_horizontal|left"
            android:textAlignment="viewStart"
            android:textColor="#3F51B5"
            tools:text="Jabatan" />
    </LinearLayout>
</LinearLayout>
```

Strings.xml

```
<resources>  
  <string name="app_name">Profil Pegawai</string>  
</resources>
```