TUGAS PRATIKUM MOBILE 4

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2024

PelangganEditActivity

```java
package com.example.appslaundry.pelanggan;

import android.annotation.SuppressLint;
import android.app.AlertDialog;
import android.content.Intent;
import android.os.Bundle;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

import androidx.activity.EdgeToEdge;
import androidx.appcompat.app.AppCompatActivity;
import androidx.core.graphics.Insets;
import androidx.core.view.ViewCompat;
import androidx.core.view.WindowInsetsCompat;

import com.example.appslaundry.R;
import com.example.appslaundry.database.SQLiteHelper;

public class PelangganEditActivity extends AppCompatActivity {
    private String id, name, email, hp;
    private EditText edPelEditNama, edPelEditEmail,
edPelEditHp;
    private Button btnPelEditSimpan, btnPelEditHapus,
btnPelEditBatal;
    private SQLiteHelper db;

    @SuppressLint("MissingInflatedId")
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        EdgeToEdge.enable(this);
        setContentView(R.layout.activity_pelanggan_edit);


ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.main), (v, insets) -> {
            Insets systemBars =
insets.getInsets(WindowInsetsCompat.Type.systemBars());
            v.setPadding(systemBars.left, systemBars.top,
systemBars.right, systemBars.bottom);
            return insets;
        });

        db = new SQLiteHelper(this);

        // Retrieve intent extras
```

```java
        id = getIntent().getStringExtra("id");
        name = getIntent().getStringExtra("name");
        email = getIntent().getStringExtra("email");
        hp = getIntent().getStringExtra("hp");

        // Initialize views
        edPelEditNama = findViewById(R.id.edPelEditNama);
        edPelEditEmail = findViewById(R.id.edPelEditEmail);
        edPelEditHp = findViewById(R.id.edPelEditHp);
        btnPelEditSimpan =
findViewById(R.id.btnPelEditSimpan);
        btnPelEditHapus = findViewById(R.id.btnPelEditDelete);
        btnPelEditBatal = findViewById(R.id.btnPelEditBatal);

        // Set existing data to fields
        edPelEditNama.setText(name);
        edPelEditEmail.setText(email);
        edPelEditHp.setText(hp);

        btnPelEditSimpan.setOnClickListener(v ->
updateCustomer());
        btnPelEditHapus.setOnClickListener(v ->
deleteCustomer());
        btnPelEditBatal.setOnClickListener(v -> cancelEdit());
    }

    private void updateCustomer() {
        String updatedName =
edPelEditNama.getText().toString();
        String updatedEmail =
edPelEditEmail.getText().toString();
        String updatedHp = edPelEditHp.getText().toString();

        if (updatedName.isEmpty() || updatedEmail.isEmpty() ||
updatedHp.isEmpty()) {
            Toast.makeText(this, "All fields must be filled",
Toast.LENGTH_SHORT).show();
            return;
        }

        boolean isUpdated = db.updatePelanggan(id,
updatedName, updatedEmail, updatedHp);
        if (isUpdated) {
            Toast.makeText(this, "Customer updated
successfully", Toast.LENGTH_SHORT).show();
            Intent intent = new Intent(this,
PelangganActivity.class);
            intent.addFlags(Intent.FLAG_ACTIVITY_CLEAR_TOP |
Intent.FLAG_ACTIVITY_NEW_TASK);
            startActivity(intent);
            finish();
```

```java
        } else {
            Toast.makeText(this, "Failed to update customer",
Toast.LENGTH_SHORT).show();
        }
    }

    private void deleteCustomer() {
        new AlertDialog.Builder(this)
                .setTitle("Delete Confirmation")
                .setMessage("Are you sure you want to delete
this customer?")
                .setPositiveButton("Yes", (dialog, which) -> {
                    boolean isDeleted =
db.deletePelanggan(id);
                    if (isDeleted) {
                        Toast.makeText(this, "Customer deleted
successfully", Toast.LENGTH_SHORT).show();
                        Intent intent = new Intent(this,
PelangganActivity.class);

intent.addFlags(Intent.FLAG_ACTIVITY_CLEAR_TOP |
Intent.FLAG_ACTIVITY_NEW_TASK);
                        startActivity(intent);
                        finish();
                    } else {
                        Toast.makeText(this, "Failed to delete
customer", Toast.LENGTH_SHORT).show();
                    }
                })
                .setNegativeButton("No", null)
                .show();
    }

    private void cancelEdit() {
        finish();
    }

    @Override
    public void onBackPressed() {
        super.onBackPressed();
        cancelEdit();
    }
}
```

```xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.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:id="@+id/main"
    android:layout_width="match_parent"
```

```xml
        android:layout_height="match_parent"
        android:orientation="vertical"
        android:padding="16dp"
        android:background="@color/white"
        tools:context=".pelanggan.PelangganEditActivity">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="vertical"
        android:layout_margin="16dp"
        tools:ignore="MissingConstraints">

        <TextView
            android:textColor="@color/black"
            android:textStyle="bold"
            android:paddingBottom="16dp"
            android:textSize="24sp"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="Edit Pelanggan" />

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

            <TextView
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:text="Nama"
                android:textColor="@android:color/black" />

            <EditText
                android:drawablePadding="8dp"
                android:drawableLeft="@drawable/ic_ussername"
                android:id="@+id/edPelEditNama"
                android:padding="8dp"
                android:layout_marginTop="8dp"
                android:layout_width="match_parent"
                android:layout_height="48dp"
                android:background="@drawable/green_border" />
        </LinearLayout>

        <LinearLayout
            android:layout_marginTop="16dp"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:orientation="vertical">

            <TextView
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:text="Email"
                android:textColor="@android:color/black" />

            <EditText
                android:inputType="textEmailAddress"
                android:id="@+id/edPelEditEmail"
                android:drawablePadding="8dp"
                android:drawableLeft="@drawable/ic_email"
```

```xml
                android:layout_marginTop="8dp"
                android:padding="16dp"
                android:layout_width="match_parent"
                android:layout_height="48dp"
                android:background="@drawable/green_border" />
        </LinearLayout>

        <LinearLayout
            android:layout_marginTop="16dp"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:orientation="vertical">

            <TextView
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:text="HP"
                android:textColor="@android:color/black" />

            <EditText
                android:drawablePadding="8dp"
                android:id="@+id/edPelEditHp"
                android:inputType="number"
                android:drawableLeft="@drawable/ic_hp"
                android:layout_marginTop="8dp"
                android:padding="16dp"
                android:layout_width="match_parent"
                android:layout_height="48dp"
                android:background="@drawable/green_border" />
        </LinearLayout>

        <LinearLayout
            android:layout_marginTop="32dp"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:orientation="horizontal"
            android:weightSum="3">

            <Button
                android:id="@+id/btnPelEditSimpan"
                android:layout_width="0dp"
                android:layout_height="wrap_content"
                android:layout_marginRight="4dp"
                android:layout_weight="1"
                android:background="#FFC107"
                android:text="Update"
                android:textColor="@android:color/white" />

            <Button
                android:id="@+id/btnPelEditDelete"
                android:layout_width="0dp"
                android:layout_height="wrap_content"
                android:layout_marginLeft="4dp"
                android:layout_marginRight="4dp"
                android:layout_weight="1"
                android:background="#F44336"
                android:text="Delete"
                android:textColor="@android:color/white" />

            <Button
                android:id="@+id/btnPelEditBatal"
```

```
                android:layout_marginLeft="4dp"
                android:background="#FFEB3B"
                android:textColor="@android:color/white"
                android:layout_width="0dp"
                android:layout_height="wrap_content"
                android:layout_weight="1"
                android:text="Batal" />
        </LinearLayout>

    </LinearLayout>
</androidx.constraintlayout.widget.ConstraintLayout>
```

HASIL

Pertama imputkan dulu nama email dan nohp

9:51

+ Tambah Pelanggan

Ujang
0842314

alul
0812313123

ren
0812423423

Lalul data pelanggan akan diinput

9:52
Edit Pelanggan
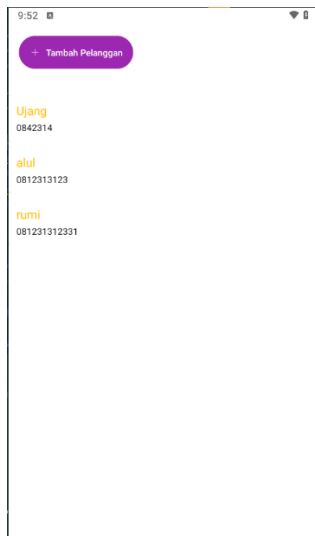
Nama

👤 rumi

Email

✉ rumi@gmail.com
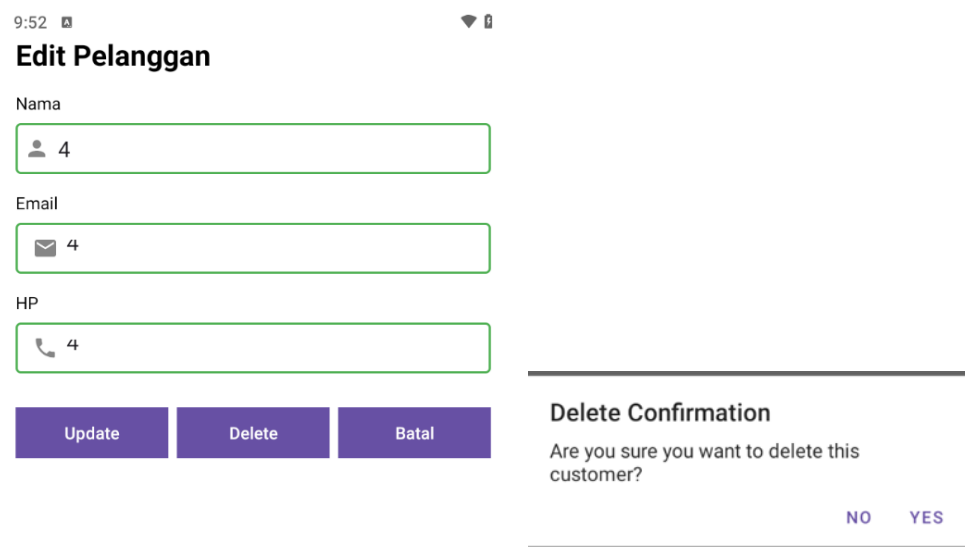
HP

📞 081231312331

| Update | Delete | Batal |

Lalu klik salah satu data pelanggan untuk mengupdate data,setelah di ubah penjet update

Maka data telah di update

Selanjut nya untuk mendelet/hapus data, sama seperti sebelumnya klik salah satu data lalu tekan Delet

Lalu notif seperti ini akan keluar dan klik yes untuk menghapus

＋　Tambah Pelanggan

Ujang
0842314

alul
0812313123

Customer deleted successfully

Maka data telah dihapus