

Maulana Muhammad Fathoni

1202164201

SI4008

login

```
package com.example.addfoods;

import android.content.Intent;
import android.os.Bundle;
import android.support.annotation.NonNull;
import android.support.v7.app.AppCompatActivity;
import android.text.TextUtils;
import android.view.View;
import android.widget.EditText;
import android.widget.TextView;
import android.widget.Toast;

import com.google.android.gms.tasks.OnCompleteListener;
import com.google.android.gms.tasks.Task;
import com.google.firebase.FirebaseApp;
import com.google.firebase.auth.AuthResult;
import com.google.firebase.auth.FirebaseAuth;
import com.google.firebase.auth.FirebaseUser;
import com.google.firebase.iid.FirebaseInstanceId;

public class Login extends AppCompatActivity {
    EditText email, pass;
    private FirebaseAuth mAuth;

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

        mAuth = FirebaseAuth.getInstance();
        FirebaseApp.initializeApp(Login.this);

        email = findViewById(R.id.et_email);
        pass = findViewById(R.id.editText_email);

        TextView regist = findViewById(R.id.textView3);
        regist.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                registAkun();
            }
        });
    }

    private void registAkun() {
        Intent newact = new Intent(this, RegistAcc.class);
        startActivity(newact);
    }

    @Override
    protected void onStart() {
        super.onStart();
        FirebaseUser currentUser = mAuth.getCurrentUser();
        FirebaseInstanceId.getInstance().getToken();
    }
}
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    }

    public void addMenu(View view) {
        String eemail = email.getText().toString();
        final String epass = pass.getText().toString();

        if (TextUtils.isEmpty(eemail)) {
            Toast.makeText(getApplicationContext(), "Enter email address!",
Toast.LENGTH_SHORT).show();
            return;
        }

        if (TextUtils.isEmpty(epass)) {
            Toast.makeText(getApplicationContext(), "Enter password!",
Toast.LENGTH_SHORT).show();
            return;
        }

        mAuth.signInWithEmailAndPassword(eemail, epass)
            .addOnCompleteListener(Login.this, new
OnCompleteListener<AuthResult>() {
            @Override
            public void onComplete(@NonNull Task<AuthResult> task) {
                if (!task.isSuccessful()) {
                    // there was an error
                    if (epass.length() < 6) {
                        pass.setError(getString(R.string.minimum_password));
                    } else {
                        Toast.makeText(Login.this,
getString(R.string.auth_failed), Toast.LENGTH_LONG).show();
                    }
                } else {
                    FirebaseInstanceId.getInstance().getToken();
                    FirebaseUser user = mAuth.getCurrentUser();
                    Intent intent = new Intent(Login.this,
MainActivity.class);

                    startActivity(intent);
                    finish();
                }
            }
        });
    }
}

```

Regist:

```

package com.example.addfoods;

import android.content.Intent;
import android.os.Bundle;
import android.support.annotation.NonNull;
import android.support.v7.app.AppCompatActivity;
import android.text.TextUtils;
import android.view.View;
import android.widget.EditText;
import android.widget.Toast;

import com.google.android.gms.tasks.OnCompleteListener;
import com.google.android.gms.tasks.Task;
import com.google.firebase.auth.AuthResult;
import com.google.firebase.auth.FirebaseAuth;

```

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public class RegistAcc extends AppCompatActivity {
    EditText email, pass, name;
    private FirebaseAuth mAuth;
    //private FirebaseFirestore db;

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

        mAuth = FirebaseAuth.getInstance();
        //db = FirebaseFirestore.getInstance();

        email = findViewById(R.id.et_email);
        pass = findViewById(R.id.editText_email);
        name = findViewById(R.id.input_confirm);

    }

    public void addMenu(View view) {
        final String ename = name.getText().toString().trim();
        final String eemail = email.getText().toString().trim();
        final String epass = pass.getText().toString().trim();

        if (TextUtils.isEmpty(eemail)) {
            Toast.makeText(getApplicationContext(), "Enter email address!",
Toast.LENGTH_SHORT).show();
            return;
        }
        if (TextUtils.isEmpty(epass)) {
            Toast.makeText(getApplicationContext(), "Enter password!",
Toast.LENGTH_SHORT).show();
            return;
        }

        if (epass.length() < 6) {
            Toast.makeText(getApplicationContext(), "Password too short, enter minimum
6 characters!", Toast.LENGTH_SHORT).show();
            return;
        }

        mAuth.createUserWithEmailAndPassword(eemail, epass)
            .addOnCompleteListener(RegistAcc.this, new
OnCompleteListener<AuthResult>() {
            @Override
            public void onComplete(@NonNull Task<AuthResult> task) {
                Toast.makeText(RegistAcc.this,
"createUserWithEmail:onComplete:" + task.isSuccessful(), Toast.LENGTH_SHORT).show();

                if (!task.isSuccessful()) {
                    Toast.makeText(RegistAcc.this, "Authentication failed." +
task.getException(),
                        Toast.LENGTH_SHORT).show();
                } else {
                    //writeNewUser(mAuth.getUid(), eemail, ename, epass);
                    startActivity(new Intent(RegistAcc.this, Login.class));
                    finish();
                }
            }
        });
    }

    /*private void writeNewUser(String userId, String email,String name, String pass)

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{
    User user = new User(userId, email, name, pass);
    Map<String,String> userMap = new HashMap<>();

    userMap.put("User ID",user.getUserID());
    userMap.put("email",user.getEmail());
    userMap.put("Nama",user.getUsername());
    userMap.put("password",user.getPassword());
    db.collection("users").add(userMap);
}*/

public void loginAkun(View view) {
    Intent newact = new Intent(this, Login.class);
    startActivity(newact);
}
}

```

main:

```

package com.example.addfoods;

import android.content.Intent;
import android.os.Bundle;
import android.support.design.widget.FloatingActionButton;
import android.support.design.widget.Snackbar;
import android.support.v7.app.AppCompatActivity;
import android.support.v7.widget.GridLayoutManager;
import android.support.v7.widget.LinearLayoutManager;
import android.support.v7.widget.RecyclerView;
import android.support.v7.widget.Toolbar;
import android.support.v7.widget.helper.ItemTouchHelper;
import android.view.View;
import android.view.Menu;
import android.view.MenuItem;
import android.widget.Button;

import java.util.ArrayList;
import java.util.Collections;

public class MainActivity extends AppCompatActivity {

    private RecyclerView mRecyclerView;
    private FoodAdapter mAdapter;
    private ArrayList<Food> foodList = new ArrayList<>();

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        Toolbar toolbar = findViewById(R.id.toolbar);
        setSupportActionBar(toolbar);
        buildRV();
    }

    private void buildRV() {
        mRecyclerView = findViewById(R.id.rv_data);
        LinearLayoutManager ll_manager = new LinearLayoutManager(this,
        LinearLayoutManager.VERTICAL, false);
        mRecyclerView.setLayoutManager(ll_manager);
        mAdapter = new FoodAdapter(this, foodList);
    }
}

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        mRecyclerView.setAdapter(mAdapter);

        FloatingActionButton fab = findViewById(R.id.fab);
        fab.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                addMenu();
            }
        });

    }

    private void addMenu(){
        Intent newact = new Intent(this, AddMenu.class);
        startActivity(newact);
    }

    @Override
    public boolean onCreateOptionsMenu(Menu menu) {
        // Inflate the menu; this adds items to the action bar if it is present.
        getMenuInflater().inflate(R.menu.menu_main, menu);
        return true;
    }

    @Override
    public boolean onOptionsItemSelected(MenuItem item) {
        // Handle action bar item clicks here. The action bar will
        // automatically handle clicks on the Home/Up button, so long
        // as you specify a parent activity in AndroidManifest.xml.
        int id = item.getItemId();

        //noinspection SimplifiableIfStatement
        if (id == R.id.action_settings) {
            return true;
        }

        return super.onOptionsItemSelected(item);
    }
}

```

add menu:

```

package com.example.addfoods;

import android.content.Intent;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.util.Log;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.ImageView;

import java.util.ArrayList;

public class AddMenu extends AppCompatActivity {

    private static final int REQUEST_GET_SINGLE_FILE = 1;
    private ArrayList<Food> foodList = new ArrayList<>();
    private FoodAdapter mAdapter;

    public static final String EXTRA_REPLY =

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"com.example.android.addfoods.extra.REPLY";

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

    Button btn_choose = findViewById(R.id.btn_choose);
    Button btn_plusmenu = findViewById(R.id.btn_plusmenu);

    btn_choose.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            openGalery();
        }
    });

    btn_plusmenu.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            inputFood();
        }
    });
}

private void openGalery() {
    Intent intent = new Intent(Intent.ACTION_GET_CONTENT);
    intent.addCategory(Intent.CATEGORY_OPENABLE);
    intent.setType("image/*");
    startActivityResult(Intent.createChooser(intent, "Select Picture"),
        REQUEST_GET_SINGLE_FILE);
}

private void inputFood() {
    EditText name = findViewById(R.id.menu_name);
    EditText price = findViewById(R.id.menu_price);
    EditText desc = findViewById(R.id.desc);
    //final ImageView food = findViewById(R.id.img_food);

    if (name.getText().toString().isEmpty()) {
        name.setError("Belum Di Isi");
        return;
    }

    if (price.getText().toString().isEmpty()) {
        price.setError("Belum Di Isi");
        return;
    }

}
}
}

```