



## PT. IMPERIUM HAPPY PUPPY

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### SOAL TEST PROGRAMMER ANDROID

#### QUERY STATEMENT dan PHP

1. Berikut ini adalah tabel Artis dan Tabel Film.

**TABEL ARTIS**

id_artis	Nama_Artis	gender	award	negara
A001	ROBERT DOWNEY JR	L	4	USA
A002	JACKY CHAN	L	4	CHN
A003	ANGELINA JOLIE	P	6	USA
A004	JOE TASLIM	L	3	INA
A005	STEPHEN CHOW	L	5	CHN
A006	IKO UWAIS	L	4	INA
A007	YAYAN RUHIYAN	L	2	INA
A008	CHELSEA ISLAN	P	0	INA

**TABEL FILM**

id_film	nama_film	genre	artis	pendapatan	nomikasi
F001	Iron Man	G001	A001	2.000.000.000	5
F002	Iron Man 2	G001	A001	2.500.000.000	4
F003	The Raid	G002	A006	900.000.000	2
F004	Fast Furios	G004	A004	1.000.000.000	6
F005	Police Story	G003	A002	1.000.000.000	4
F006	Kungfu Panda	G003	A005	900.000.000	5
F007	Rush Hour	G004	A002	800.000.000	2
F008	Avenger	G001	A003	2.300.000.000	6
F009	Habibie Ainun	G002	A008	3.000.000.000	7

Dari tabel diatas, buatlah sql statement (My SQL atau SQL Server) untuk kriteria berikut

01. menampilkan nama film yang artisnya bukan berasal dari negara yang tidak mengandung huruf

A

02. menampilkan nama film dan artis yang memiliki award terbanyak

03. menampilkan nama artis yang tidak pernah bermain film

Estimasi waktu : 20 menit.



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Jawaban :

1

Syntax :  
SELECT nama\_film genre, artis, pendapatan, nominasi FROM film  
INNER JOIN artis ON film.artis = artis.id\_artis WHERE negara NOT LIKE '%A%'

Screenshot :

Showing rows 0 - 2 (3 total, Query took 0.0052 seconds.)

SELECT nama\_film genre, artis, pendapatan, nominasi FROM film INNER JOIN artis ON film.artis = artis.id\_artis WHERE negara NOT LIKE '%A%'

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Ref]

Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: None

+ Options

genre	artis	pendapatan	nominasi
Police Story	A002	1000000000	4
Kungfu Panda	A005	900000000	5
Rush Hour	A002	800000000	2

2

Syntax :  
SELECT nama\_film, artis>Nama\_Artis FROM film  
INNER JOIN artis ON film.artis = artis.id\_artis WHERE artis.award =  
( SELECT MAX(award) FROM artis)

Screenshot :

Showing rows 0 - 0 (1 total, Query took 0.0033 seconds.)

SELECT nama\_film, artis>Nama\_Artis FROM film INNER JOIN artis ON film.artis = artis.id\_artis WHERE artis.award = ( SELECT MAX(award) FROM artis)

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Ref]

Show all

Number of rows: 25

Filter rows: Search this table

+ Options

nama_film	Nama_Artis
Avenger	ANGELINA JOLIE



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3 Syntax :  
SELECT \* FROM artis WHERE NOT EXISTS (SELECT \* FROM film  
WHERE artis.id\_artis = film.artis)

Screenshot :

Showing rows 0 - 0 (1 total, Query took 0.0066 seconds.)

```
SELECT * FROM artis WHERE NOT EXISTS (SELECT * FROM film WHERE artis.id_artis = film.artis)
```

☐ Profiling

☐ Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

	id_artis	Nama_Artis	gender	award	negara
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	A007	YAYAN RUHIYAN L	L	2	INA

☐ Check all | With selected: ☐ Edit ☐ Copy ☐ Delete ☐ Export

2. Sebuah Perusahaan bernama PT Surabaya Technology Information, Mempunyai Karyawan sebagai berikut:
01. Danang Direktur
  02. Nana Manager
  03. Joko Susilo Karyawan
  04. Putri Pekerja Lain

Buatlah sebuah program dengan menggunakan php dengan output: file excel yang menampilkan laporan gaji sederhana semua karyawan dengan format sbb:

### PT Surabaya Technology Information SLIP GAJI 2021

No.	Nama Karyawan	Jabatan	Gaji	Tunjangan	PPn	Total
1						
2						
3						
4						

#### Ketentuan Gaji :

01. Skema Gaji:
- |          |           |
|----------|-----------|
| Direktur | 3.000.000 |
| Manajer  | 2.000.000 |
| Karyawan | 1.000.000 |



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- Pekerja Lain 800.000
02. Tunjangan : 10% dari Gaji
  03. PPN : 20% dari Gaji
  04. Total : Gaji Bersih + Tunjangan - PPN

Estimasi waktu : 60 menit

Jawaban :

Link Github : [TesMasukKerja/Soal2 at main · FerryJulyo/TesMasukKerja \(github.com\)](https://github.com/FerryJulyo/TesMasukKerja/Soal2)

1	<p>Syntax :</p> <pre>&lt;?php header("Content-type: application/vnd-ms-excel"); header("Content-Disposition: attachment; filename=Gaji Karyawan.xls"); ?&gt;  &lt;center&gt; &lt;h3&gt;PT Surabaya Technology Information &lt;br/&gt; SLIP GAJI 2021&lt;/h3&gt; &lt;/center&gt;  &lt;table border="1"&gt; &lt;tr&gt; &lt;th&gt;No&lt;/th&gt; &lt;th&gt;Nama&lt;/th&gt; &lt;th&gt;Jabatan&lt;/th&gt; &lt;th&gt;Gaji&lt;/th&gt; &lt;th&gt;Tunjangan&lt;/th&gt; &lt;th&gt;Ppn&lt;/th&gt; &lt;th&gt;Total&lt;/th&gt; &lt;/tr&gt; &lt;?php // koneksi database \$koneksi = mysqli_connect("localhost","root","","happypuppy");  // menampilkan data pegawai \$data = mysqli_query(\$koneksi,"select * from karyawan"); \$no = 1; \$num = 5; while(\$d = mysqli_fetch_array(\$data)){ ?&gt; &lt;tr&gt; &lt;td&gt;&lt;?php echo \$no++; ?&gt;&lt;/td&gt; &lt;td&gt;&lt;?php echo \$d['nama']; ?&gt;&lt;/td&gt; &lt;td&gt;&lt;?php echo \$d['jabatan']; ?&gt;&lt;/td&gt;</pre>
---	--



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```
<td><?php echo ('=IF(C'),$num,('="Direktur"; 3000000; IF(
C'),$num,('="Manager"; 2000000;IF( C'),$num,('="Karyawan";
1000000;800000)))');?></td>
<td><?php echo ('=D'),$num,('*10%');?></td>
<td><?php echo ('=D'),$num,('*20%');?></td>
<td><?php echo ('=D'),$num,('*+E'),$num,(' -
F'),$num++;?></td>
</tr>
<?php
}

?>
</table>
```

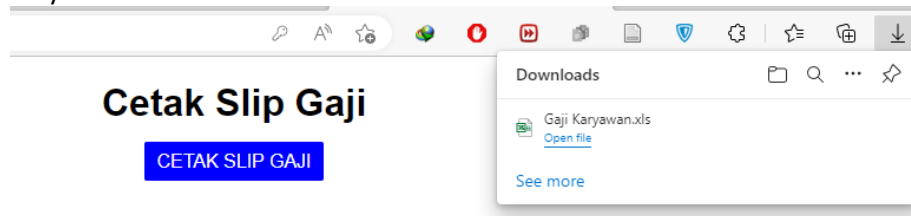
Screenshot :

+ Options

	no	nama	jabatan
<input type="checkbox"/> Edit Copy Delete	1	Danang	Direktur
<input type="checkbox"/> Edit Copy Delete	2	Nana	Manager
<input type="checkbox"/> Edit Copy Delete	3	Joko Susilo	Karyawan
<input type="checkbox"/> Edit Copy Delete	4	Putri	Pekerja Lain

↑ ☐ Check all With selected: Edit Copy Delete Export

Tabel Karyawan



File excel akan terdownload saat mengklik **CETAK SLIP GAJI**



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	A	B	C	D	E	F	G	H
1	<b>PT Surabaya Technology Information</b>							
2	<b>SLIP GAJI 2021</b>							
3								
4	<b>No</b>	<b>Nama</b>	<b>Jabatan</b>	<b>Gaji</b>	<b>Tunjangan</b>	<b>Ppn</b>	<b>Total</b>	
5	1	Danang	Direktur	3000000	300000	600000	2700000	
6	2	Nana	Manager	2000000	200000	400000	1800000	
7	3	Joko Susilo	Karyawan	1000000	100000	200000	900000	
8	4	Putri	Pekerja Lain	800000	80000	160000	720000	
9								
10								

Hasil file excel yang di hasilkan.

### PROGRAM TEST BACK END DAN FRONT END SALING BERHUBUNGAN

#### 1. BACK END NODE JS

1. Wajib menggunakan Express Js buatlah server node js berjalan dan listen di port 3000 dan ip address terserah/ip address pc
2. Dengan tool aplikasi POSTMAN, menggunakan method POST kirimkan lah/submit/Hit data dibawah ini  
{user\_id: 'AIN',user\_password: 'AI1'}

(contoh url <http://192.168.1.168:3000/user/login-fo-droid>)

Jika sudah benar user =AIN dan password AI1

Maka respon yang dikembalikan adalah

```
{
  "state": true,
  "message": "succes",
  "data": {
    "user_id": "AIN",
    "user_password": "AI1",
    "level_user": "ACCOUNTING",
    "last_login": "29/12/2021 13:57:18",
    "master_management_mfo": true,
    "menu_transaksi_mfo": true,
    "sub_menu_mfo": true,
    "fo": true,
    "pos": true,
    "pop": true
  }
}
```



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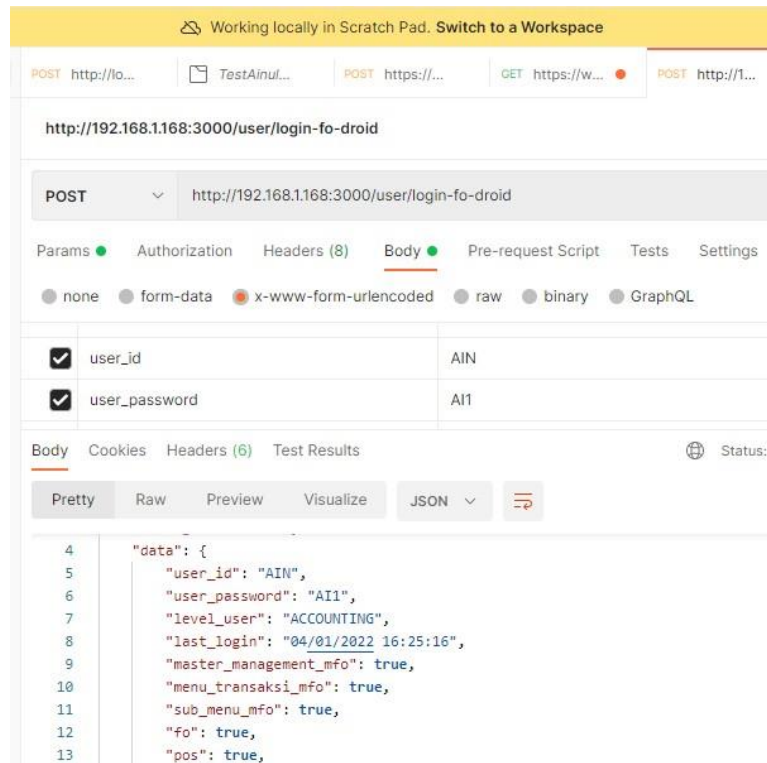
T : (031) 734 3388 F : (031) 734 2911

E-mail : info@happypuppy.id

Jika salah Maka respon yang dikembalikan adalah

```
{
  "state": false,
  "message": "user AINv password AI1 tidak terdaftar",
  "data": null
}
```

Contoh postman jika respon sukses







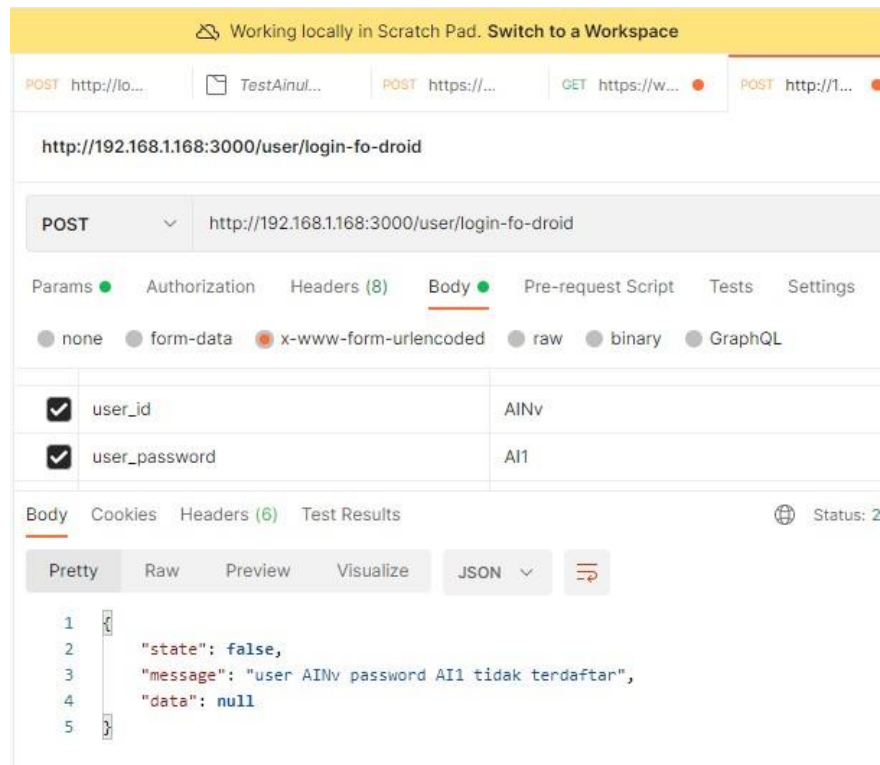
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Contoh postman jika respon gagal



Estimasi waktu : 3 jam

Jawaban :

Link Github : [TesMasukKerja/Soal3 at main · FerryJulyo/TesMasukKerja \(github.com\)](https://github.com/FerryJulyo/TesMasukKerja/Soal3)

1 Syntax :

```
const express = require('express');
const bodyParser = require('body-parser');
const app = express();
const mysql = require('mysql');

// parse application/json
app.use(bodyParser.json());
app.use(bodyParser.urlencoded({ extended: true }));

//create database connection
const conn = mysql.createConnection({
  host: 'localhost',
  user: 'root',
  password: '',
  database: 'db_express'
});
```

8 | Page





```
//connect to database
conn.connect((err) =>{
  if(err) throw err;
  console.log('Mysql Connected...');
});

app.get('/api/user',(req, res) => {
  let sql = "SELECT * FROM user";
  let query = conn.query(sql, (err, results) => {
    if(err) throw err;
    res.send(JSON.stringify({"status": 200, "error": null, "response":
results}));
  });
});

app.post('/api/user',(req, res) => {

  let data = {
    user_id : req.body.user_id,
    user_password : req.body.user_password};
  let sql = "SELECT * FROM user WHERE user_id = '"+req.body.user_id+"' AND
user_password = '"+req.body.user_password+"'";
  let query = conn.query(sql, data,(err, results) => {
    if(err) throw err;
    if(results == '') {
      results = "Data tidak ditemukan"
    }
    res.send(JSON.stringify({"status": 200, "error": null, "response":
results}));
  });
});

//Server listening
app.listen(3000,'10.208.205.188',() =>{
  console.log('Server started on port 3000...');
});
```



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## Screenshot :

10.208.205.188:3000/api/user

Save

POST 10.208.205.188:3000/api/user

Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies

none form-data x-www-form-urlencoded raw binary GraphQL

	KEY	VALUE	DESCRIPTION		Bulk Edit
<input checked="" type="checkbox"/>	user_id	AIN			
<input checked="" type="checkbox"/>	user_password	AI1			
	Key	Value	Description		

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 18 ms Size: 347 B Save Response

Pretty Raw Preview Visualize HTML

1 [{"status":200,"error":null,"response":[{"user\_id":"AIN","user\_password":"AI1","user\_email":"ferryjulyo86@gmail.com"}]}

10.208.205.188:3000/api/user

Save

POST 10.208.205.188:3000/api/user

Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies

none form-data x-www-form-urlencoded raw binary GraphQL

	KEY	VALUE	DESCRIPTION		Bulk Edit
<input checked="" type="checkbox"/>	user_id	AINv			
<input checked="" type="checkbox"/>	user_password	AI1			
	Key	Value	Description		

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 10 ms Size: 289 B Save Response

Pretty Raw Preview Visualize HTML

1 [{"status":200,"error":null,"response":"Data tidak ditemukan"}]}



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### 2. FRONT END ANDROID

Buatlah halaman login dengan post data sama dengan dengan soal diatas **TEST SKILL BACK END NODE JS** , jika soal diatas menggunakan postman maka untuk **TEST SKILL FRONT END ANDROID** ini menggunakan android studio dan java sebagai pengganti postman silahkan menggunakan libray yang ada bisa.

Estimasu waktu : 4 jam

Jawaban :

Link Github : [TesMasukKerja/Soal4 at main · FerryJulyo/TesMasukKerja \(github.com\)](https://github.com/FerryJulyo/TesMasukKerja/Soal4)

1	<pre>DBHelper.java package com.ferry.loginhappypuppy;  import android.annotation.SuppressLint; import android.content.Context; import android.database.Cursor; import android.database.sqlite.SQLiteDatabase; import android.database.sqlite.SQLiteOpenHelper;  public class DBHelper extends SQLiteOpenHelper {      public static final String DBNAME = "HappyPuppy.db";      public DBHelper(Context context) {         super(context, DBNAME, null, 1);     }      @Override     public void onCreate(SQLiteDatabase DB) {         DB.execSQL("create table users(id INTEGER primary key autoincrement, username TEXT, password TEXT, level TEXT)");         DB.execSQL("INSERT INTO users(username, password, level) VALUES ('AIN', 'AI1', 'ACCOUNTING')");     }      @Override     public void onUpgrade(SQLiteDatabase DB, int i, int il) {         DB.execSQL("drop Table if exists users");     }      public Boolean checkUsernamePassword(String username, String password){         SQLiteDatabase DB = this.getWritableDatabase();         @SuppressWarnings("Recycle") Cursor cursor = DB.rawQuery("Select * from users where username = ? and password = ?", new String[] {username,password});         return cursor.getCount() &gt; 0;     } }</pre>
	<pre>HomeActivity.java package com.ferry.loginhappypuppy;  import androidx.appcompat.app.AppCompatActivity;  import android.content.Intent; import android.os.Bundle;</pre>



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```
import android.view.View;
import android.widget.Button;

public class HomeActivity extends AppCompatActivity {
    Button btnLogout;

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

        btnLogout = (Button) findViewById(R.id.btnLogout);

        btnLogout.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                SessionHelper sessionHelper = new
SessionHelper(HomeActivity.this);
                sessionHelper.removeSession();

                moveToLogin();
            }
        });

        private void moveToLogin(){
            Intent intent = new
Intent(getApplicationContext(), LoginActivity.class);

            intent.setFlags(Intent.FLAG_ACTIVITY_CLEAR_TASK|Intent.FLAG_ACTIVITY_NEW_TASK)
;
                startActivity(intent);
                finish();
            }
        }
    }
```

```
LoginActivity.java
package com.ferry.loginhappypuppy;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

public class LoginActivity extends AppCompatActivity {

    EditText username, password;
    Button btnLogin;
    DBHelper DB;

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



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```
username    = (EditText) findViewById(R.id.username);
password    = (EditText) findViewById(R.id.password);
btnLogin    = (Button) findViewById(R.id.btnLogin);
DB = new DBHelper(this);

SessionHelper sessionHelper = new SessionHelper(LoginActivity.this);
int userSession = sessionHelper.getSession();

if(userSession != -1){
    moveHomeActivity();
}

btnLogin.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View view) {
        String user = username.getText().toString();
        String pass = password.getText().toString();

        if(user.equals("") || pass.equals(""))
            Toast.makeText(LoginActivity.this, "Mohon isi username dan
password", Toast.LENGTH_SHORT).show();
        else{
            Boolean checkuserpass = DB.checkUsernamePassword(user,
pass);
            if(checkuserpass) {
                Toast.makeText(LoginActivity.this, "Login Berhasil",
Toast.LENGTH_SHORT).show();
                Users users = new Users(1,user, pass);
                SessionHelper sessionHelper = new
SessionHelper(LoginActivity.this);
                sessionHelper.saveSession(users);

                moveHomeActivity();
            }else{
                Toast.makeText(LoginActivity.this, "Username atau
Password salah", Toast.LENGTH_SHORT).show();
            }
        }
    }
});

private void moveHomeActivity() {
    Intent intent = new
Intent(getApplicationContext(), HomeActivity.class);

intent.setFlags(Intent.FLAG_ACTIVITY_CLEAR_TASK|Intent.FLAG_ACTIVITY_NEW_TASK)
;

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

SplashScreen.java  
package com.ferry.loginhappypuppy;



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```
import android.content.Intent;
import android.os.Bundle;
import android.os.Handler;
import android.view.Window;
import androidx.appcompat.app.AppCompatActivity;

public class SplashScreen extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);

        //menghilangkan ActionBar
        this.requestWindowFeature(Window.FEATURE_NO_TITLE);
        setContentView(R.layout.activity_splash_screen);

        final Handler handler = new Handler();
        handler.postDelayed(new Runnable() {
            @Override
            public void run() {
                startActivity(new Intent(getApplicationContext(),
                LoginActivity.class));
                finish();
            }
        }, 3000L); //3000 L = 3 detik
    }
}
```

### SessionHelper.java

```
package com.ferry.loginhappypuppy;

import android.content.Context;
import android.content.SharedPreferences;

public class SessionHelper {
    SharedPreferences sharedPreferences;
    SharedPreferences.Editor editor;
    String SHARED_PREF_NAME = "session";
    String SESSION_KEY = "session_user";

    public SessionHelper(Context context){
        sharedPreferences = context.getSharedPreferences(SHARED_PREF_NAME,
        Context.MODE_PRIVATE);
        editor = sharedPreferences.edit();
    }

    public void saveSession(Users user){
        int session = user.getSession();

        editor.putInt(SESSION_KEY, session).commit();
    }

    public int getSession(){
        return sharedPreferences.getInt(SESSION_KEY, -1);
    }

    public void removeSession(){

```



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```
        editor.putInt (SESSION_KEY, -1).commit();  
    }  
}
```

### Users.java

```
package com.ferry.loginhappypuppy;  
  
public class Users {  
    int session;  
    String username;  
    String password;  
  
    public Users(int session, String username, String password) {  
        this.session = session;  
        this.username = username;  
        this.password = password;  
    }  
  
    public int getSession() {  
        return session;  
    }  
  
    public void setSession(int session) {  
        this.session = session;  
    }  
  
    public String getUsername() {  
        return username;  
    }  
  
    public void setUsername(String username) {  
        this.username = username;  
    }  
  
    public String getPassword() {  
        return password;  
    }  
  
    public void setPassword(String password) {  
        this.password = password;  
    }  
}
```

### activity\_splash\_screen.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=".SplashScreen"  
    android:id="@+id/splashscreen">  
  
    <ImageView  
        android:id="@+id/logo"  
        android:layout_width="270dp"  
        android:layout_height="270dp"
```





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```
        android:layout_centerInParent="true"
        android:backgroundTint="#FFFFFF"
        android:scaleType="centerCrop"
        android:src="@drawable/logo"/>
```

```
</RelativeLayout>
```

### activity\_login.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"
    android:padding="20dp"
    tools:context=".LoginActivity">

    <ImageView
        android:id="@+id/logo"
        android:layout_width="200dp"
        android:layout_height="200dp"
        android:layout_centerHorizontal="true"
        android:layout_marginTop="40dp"
        android:backgroundTint="#FFFFFF"
        android:src="@drawable/logo" />

    <TextView
        android:id="@+id/appName"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_below="@+id/logo"
        android:layout_marginTop="10dp"
        android:fontFamily="@font/cassanet_plus_regular"
        android:text="@string/namaApp"
        android:textAlignment="center"
        android:textColor="@color/mainColor"
        android:textSize="40dp"
        android:textStyle="bold" />

    <EditText
        android:id="@+id/username"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_below="@+id/appName"
        android:layout_marginTop="50dp"
        android:hint="User Name"
        android:minHeight="48dp" />

    <EditText
        android:id="@+id/password"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_below="@+id/username"
        android:layout_marginTop="30dp"
        android:hint="Password"
        android:inputType="textPassword"
        android:minHeight="48dp" />
```



## PT. IMPERIUM HAPPY PUPPY

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```
<Button
    android:layout_width="200dp"
    android:layout_height="wrap_content"
    android:layout_centerHorizontal="true"
    android:id="@+id/btnLogin"
    android:text="Login"
    android:backgroundTint="@color/mainColor"
    android:layout_marginTop="50dp"
    android:layout_below="@+id/password"
    android:minHeight="48dp"/>
</RelativeLayout>
```

### activity\_home.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"
    android:padding="20dp"
    tools:context=".LoginActivity">

    <ImageView
        android:id="@+id/logo"
        android:layout_width="200dp"
        android:layout_height="200dp"
        android:layout_centerHorizontal="true"
        android:layout_marginTop="40dp"
        android:backgroundTint="#FFFFFF"
        android:src="@drawable/logo" />

    <TextView
        android:id="@+id/appName"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_below="@+id/logo"
        android:layout_marginTop="10dp"
        android:fontFamily="@font/cassanet_plus_regular"
        android:text="@string/namaApp"
        android:textAlignment="center"
        android:textColor="@color/mainColor"
        android:textSize="40dp"
        android:textStyle="bold" />

    <TextView
        android:id="@+id/greeting"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_below="@+id/appName"
        android:layout_marginTop="10dp"
        android:text="@string/greeting"
        android:textAlignment="center"
        android:textColor="@color/mainColor"
        android:textSize="20dp"
        android:textStyle="bold" />
```



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```
<Button
    android:layout_width="200dp"
    android:layout_height="wrap_content"
    android:layout_centerHorizontal="true"
    android:id="@+id/btnLogout"
    android:text="Logout"
    android:backgroundTint="@color/mainColor"
    android:layout_marginTop="50dp"
    android:layout_below="@+id/greeting"
    android:minHeight="48dp"/>
</RelativeLayout>
```



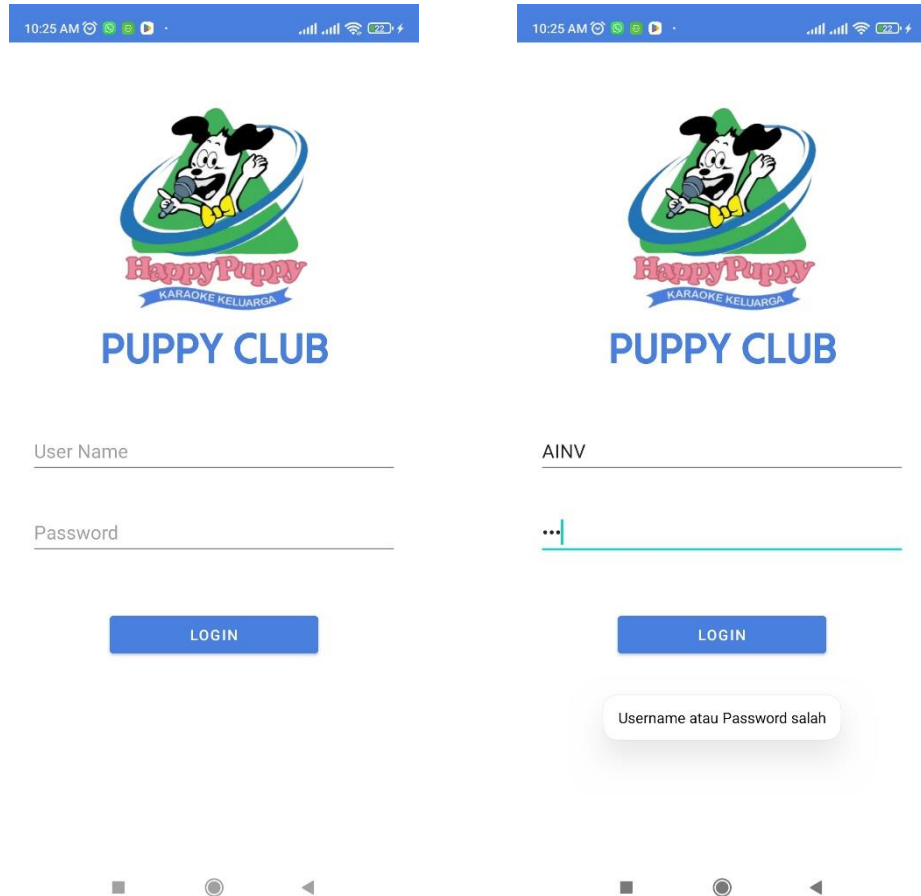
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Screenshot :



Tampilan login dan notifikasi saat salah menginputkan username dan password

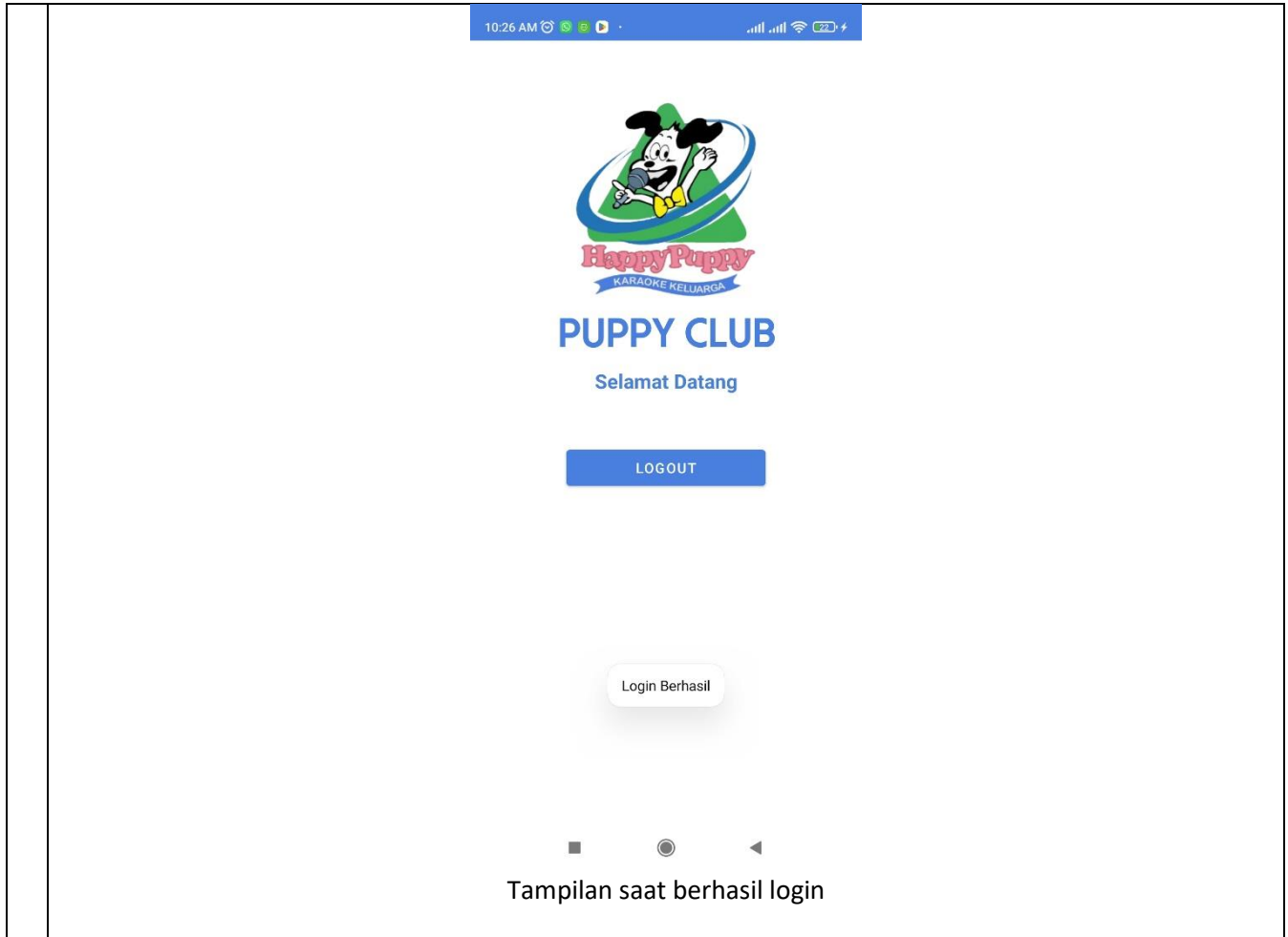


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