**Tugas Pertama**

Membuat Tampilan Login menggunakan Java GUI.

**Source Code**

Class GuiLoginFrame.java

package view.frame.viewhomeframe;

import controller.Authentication;

import view.frame.GuiMainMenuFrame;

import view.frame.GuiMainUnitFrame;

import javax.swing.\*;

import java.awt.\*;

public class GuiLoginFrame extends GuiMainUnitFrame {

private JTextField usernameField;

private JPasswordField passwordField;

private JButton loginButton, answerButton;

public GuiLoginFrame(){

super("LOGIN");

}

@Override

protected void component(){

JLabel titleLabel = new JLabel("LOGIN");

setFontSize(titleLabel, 30);

setFontStyle(titleLabel, Font.BOLD);

boundedAdd(titleLabel, 300, 35, 246, 100);

ImageIcon image = loadImage("src/Assets/Logo.png", 200, 200);

JLabel icon = new JLabel(image);

boundedAdd(icon, 200, 136, 200, 200);

/\*=======================================================\*/

JLabel usernameLabel = new JLabel("username");

setFontSize(usernameLabel, 30);

boundedAdd(usernameLabel, 275, 350, 100, 25);

usernameField = new JTextField();

boundedAdd(usernameField, 275, 385, 100, 25);

/\*=======================================================\*/

JLabel passwordLabel = new JLabel("password");

setFontSize(passwordLabel, 30);

boundedAdd(passwordLabel, 275, 415, 100, 25);

passwordField = new JPasswordField();

boundedAdd(passwordField, 275, 450, 100, 25);

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JLabel noteLabel = new JLabel("""

Don’t Have\s

an Account?""");

setFontSize(noteLabel, 15);

boundedAdd(noteLabel, 65, 480, 125, 100);

answerButton = new JButton("YES");

boundedAdd(answerButton, 100, 550, 50, 50);

loginButton = new JButton("LOGIN");

boundedAdd(loginButton, 500, 550, 50, 50);

}

@Override

protected void event(){

answerButton.addActionListener((e) -> new GuiRegistrationFrame().setVisible(true));

loginButton.addActionListener((e) -> {

String username = usernameField.getText();

String password = String.valueOf(passwordField.getPassword());

boolean status = Authentication.login(username, password);

if(status){

new GuiMainMenuFrame().setVisible(true);

dispose();

} else {

JOptionPane.showMessageDialog(null, "Username atau Password salah", "Login Gagal", JOptionPane.ERROR\_MESSAGE);

}

});

}

}

Class Aplikasi.java

import view.frame.viewhomeframe.GuiLoginFrame;

public class Aplikasi{

public static void main(String[] args){

new GuiLoginFrame().setVisible(true);

}

}

**Output Program**

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