

Nama Anggota :

Dhiya Aghniyaar Rahman - 1301190284

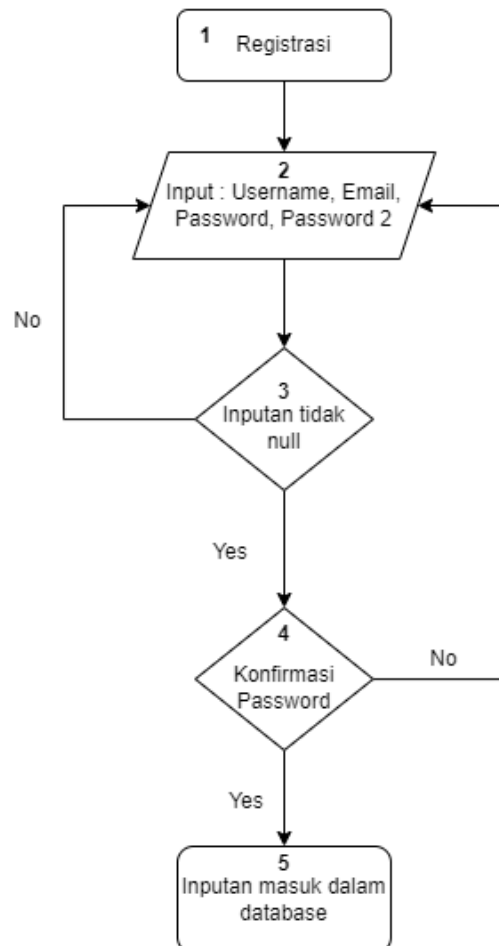
Aliza Rizka Firdani - 1301190297

Wina Munawaroh - 1301194036

Sinta Nur Maulina - 1301194135

Cyclomatic complexity :

Kelas Registrasi



Since $V(G) = 4$

Path 1 : 1-2-3-4-5

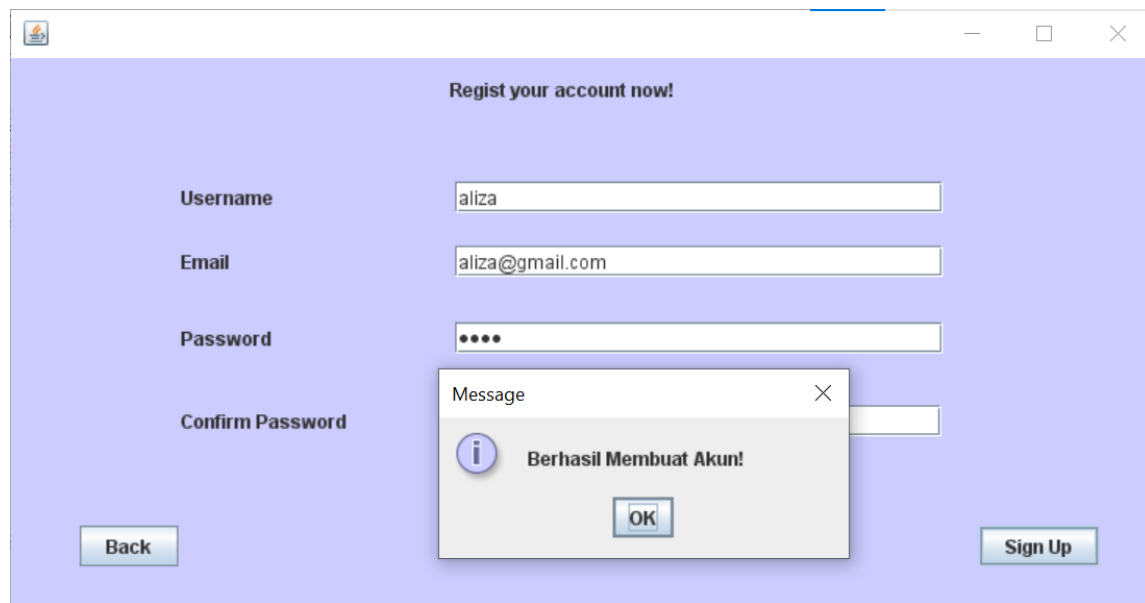
Path 2 : 1-2-3-2-3-4-5

Path 3 : 1-2-3-2-3-4-2-3-4-5

Path 4 : 1-2-3-4-2-3-4-5

Test Case :

Path 1 :



A screenshot of a web application window titled "Register your account now!". The window has a light blue background. On the left, there are four labels: "Username", "Email", "Password", and "Confirm Password". To the right of each label is a text input field. The "Username" field contains the text "aliza". The "Email" field contains the text "aliza@gmail.com". The "Password" field contains four dots. The "Confirm Password" field is empty. At the bottom left is a "Back" button, and at the bottom right is a "Sign Up" button. A modal dialog box is open in the center, titled "Message". It contains an information icon (i) and the text "Berhasil Membuat Akun!". There is an "OK" button at the bottom of the dialog.

Register your account now!

Username: aliza

Email: aliza@gmail.com

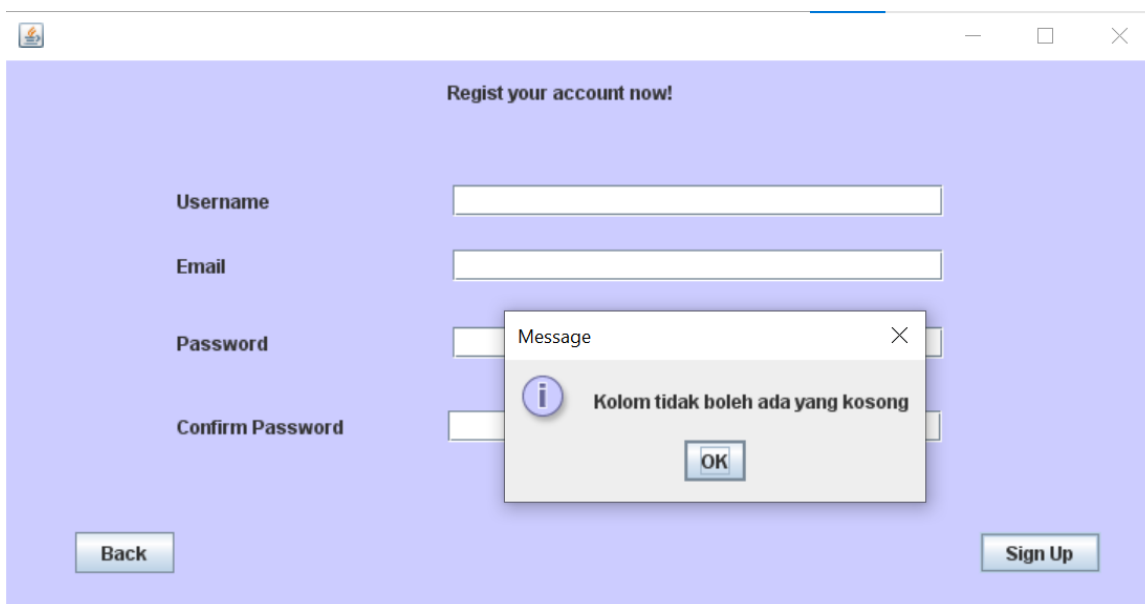
Password:

Confirm Password:

Back Sign Up

Message: Berhasil Membuat Akun! OK

Path 2 :



A screenshot of the same web application window as in Path 1. The "Username", "Email", "Password", and "Confirm Password" fields are all empty. The "Back" and "Sign Up" buttons are at the bottom. A modal dialog box is open in the center, titled "Message". It contains an information icon (i) and the text "Kolom tidak boleh ada yang kosong". There is an "OK" button at the bottom of the dialog.

Register your account now!

Username:

Email:

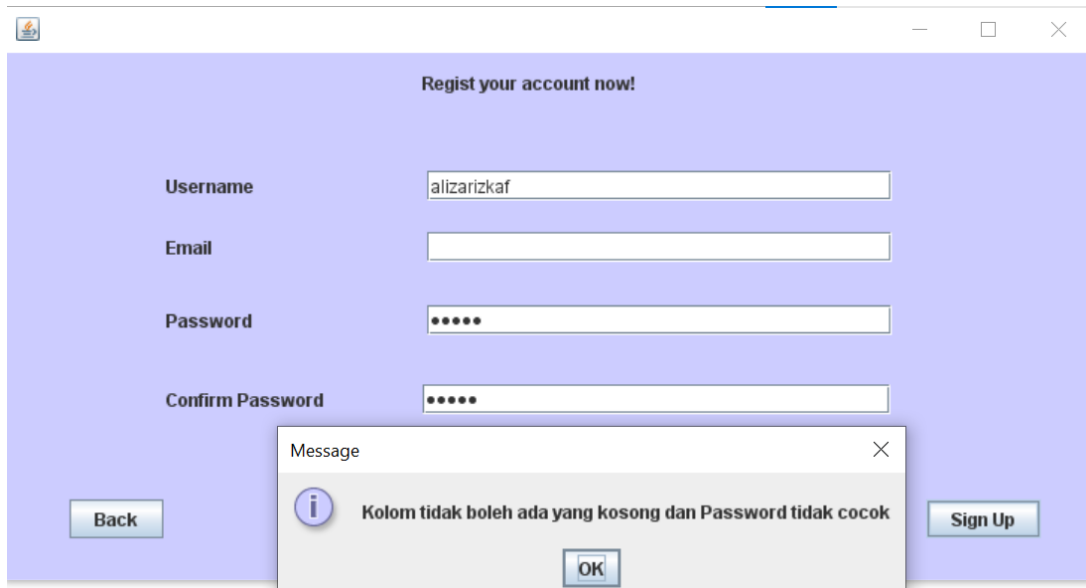
Password:

Confirm Password:

Back Sign Up

Message: Kolom tidak boleh ada yang kosong OK

Path 3 :



The screenshot shows a web application window titled "Register your account now!". It contains four input fields: "Username" (filled with "alizarizkaf"), "Email" (empty), "Password" (filled with five dots), and "Confirm Password" (filled with five dots). Below the fields are two buttons: "Back" on the left and "Sign Up" on the right. A modal message box is displayed in the center, titled "Message", with an information icon and the text "Kolom tidak boleh ada yang kosong dan Password tidak cocok". An "OK" button is at the bottom of the message box.

Register your account now!

Username: alizarizkaf

Email:

Password:

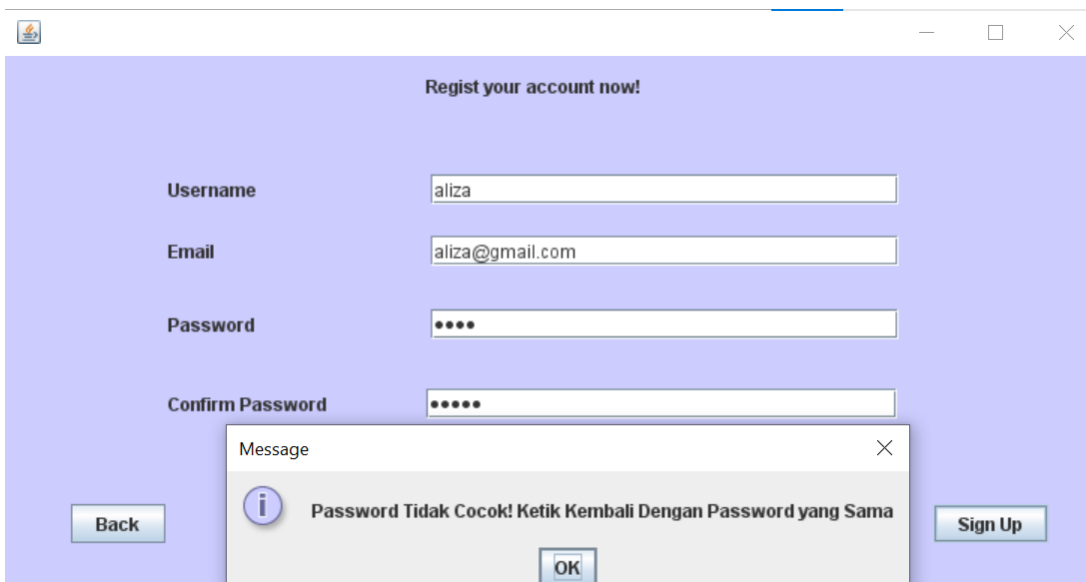
Confirm Password:

Back Sign Up

Message: Kolom tidak boleh ada yang kosong dan Password tidak cocok

OK

Path 4 :



The screenshot shows the same registration form as in Path 3. The "Email" field is now filled with "aliza@gmail.com". The "Password" and "Confirm Password" fields still contain five dots. The "Back" and "Sign Up" buttons remain. A modal message box is displayed, titled "Message", with an information icon and the text "Password Tidak Cocok! Ketik Kembali Dengan Password yang Sama". An "OK" button is at the bottom of the message box.

Register your account now!

Username: aliza

Email: aliza@gmail.com

Password:

Confirm Password:

Back Sign Up

Message: Password Tidak Cocok! Ketik Kembali Dengan Password yang Sama

OK

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```
//jika konfirmasi password / pengetikan ulang password salah maka user diharapkan memeriksa password dan mengetikan ulang password
if ((!Pwd.equals(Pwd2)) && (Un.equals("") || Em.equals("") || Pwd.equals(""))){
    JOptionPane.showMessageDialog(null, "Kolom tidak boleh ada yang kosong dan Password tidak cocok");
//inputan tidak boleh kosong
}else if ((Un.equals("") || Em.equals("") || Pwd.equals(""))){
    JOptionPane.showMessageDialog(null, "Kolom tidak boleh ada yang kosong");
// jika username, email, dan password1 dengan password2(konfirmasi password) sudah sesuai maka data akan diinputkan kedalam database
}else if (!Pwd.equals(Pwd2)){
    JOptionPane.showMessageDialog(null, "Password Tidak Cocok! Ketik Kembali Dengan Password yang Sama");
}
else{
    try{
        Connection c = Controller_DB.getKoneksi();
        String sql = "INSERT INTO registrasi VALUES (?, ?, ?)";
        PreparedStatement p = c.prepareStatement(sql);
        p.setString(1, Un);
        p.setString(2, Em);
        p.setString(3, Pwd);
        p.executeUpdate();
        p.close();
        //menampilkan popup bahwa data berhasil masuk database dan pembuatan akun telah berhasil
        JOptionPane.showMessageDialog(null, "Berhasil Membuat Akun!");
    }catch(SQLException e){
        System.out.println("Error");
    }finally{
    }
}
}
```