Laporan Take Home Challenge BIGIO Quality Assurance

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Penggunaan Robot Framework dengan Eclipse untuk melakukan pengujian pada fitur login, logout, registrasi, ubah password, dan session management pada website "Karunia Sipoholon" membawa sejumlah manfaat yang signifikan. Dengan memanfaatkan otomatisasi, tim pengujian dapat secara efisien menjalankan serangkaian skenario pengujian yang mencakup fungsionalitas tersebut. Otomatisasi memastikan bahwa proses login, logout, registrasi, ubah password, dan dengan spesifikasi management berjalan sesuai yang diinginkan, mengidentifikasi potensi kesalahan atau bug pada tahap awal pengembangan. Laporan yang dihasilkan oleh Robot Framework memberikan pemahaman yang jelas tentang hasil pengujian, memungkinkan tim untuk memantau kemajuan dan mengambil tindakan yang diperlukan. Selain itu, otomatisasi memungkinkan pengujian regresi yang efisien, memastikan bahwa setiap perubahan pada aplikasi tidak memengaruhi fungsionalitas yang sudah ada. Dengan demikian, kombinasi antara Robot Framework dan Eclipse memberikan cara yang terstruktur dan efektif untuk memastikan kualitas dan keandalan fitur-fitur kunci pada website "Karunia Sipoholon".

Berikut tahapan pengujian yang dilakukan pada beberapa fitur

1. FITUR LOGIN

• Test Case 1

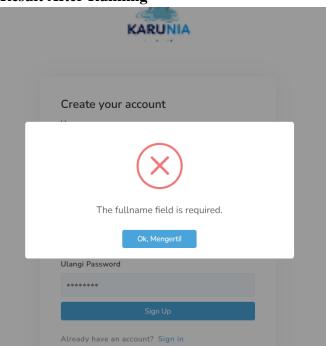
Test code

```
#TestCase 1

Open Browser https://karuniasipoholon.com/auth/register chrome
Set Selenium Implicit Wait 5
Sleep 2
Input Text //*[@id="form_login"]/div[1]/input theresia
Input Text //*[@id="form_login"]/div[2]/input sinagatheresia30@gmail.com
Input Password //*[@id="form_login"]/div[3]/input 12345678
Input Password //*[@id="form_login"]/div[4]/div/input 12345678

Click Element //*[@id="tombol_login"]
Sleep 3
Close Browser
Log Test Completed
```





• Test Case 2

Test code

```
#TestCase 2
Open Browser https://karuniasipoholon.com/auth/register
                                                          chrome
Set Selenium Implicit Wait
Sleep
      2
Input Text
           //*[@id="form login"]/div[2]/input
                                               sinagatheresia@gmail.com
Input Password //*[@id="form_login"]/div[3]/input 12345678
Input Password //*[@id="form login"]/div[4]/div/input 12345678
Click Element //*[@id="tombol_login"]
Sleep
Close Browser
Log
    Test Completed
```

Log file



Result After Running



The fullname field is required.

Ok, Mengerti!

• Test Case 3 Test code

TestCase 3

```
Open Browser https://karuniasipoholon.com/auth/register chrome

Set Selenium Implicit Wait 5

Sleep 2
Input Text //*[@id="form_login"]/div[1]/input theresia
Input Text //*[@id="form_login"]/div[2]/input sinagatheresia@gmail.com
Input Password //*[@id="form_login"]/div[4]/div/input 12345678

Click Element //*[@id="tombol_login"]
Sleep 3
Close Browser
Log Test Completed
```

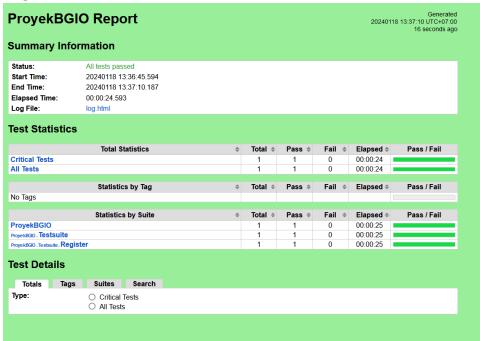


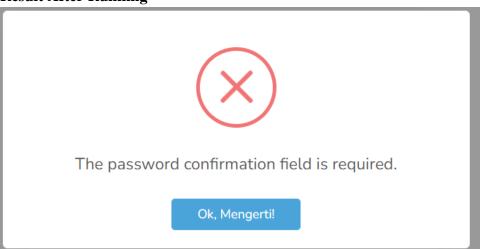


The password field is required.

Ok, Mengerti!

• Test Case 4 Test code





Test Case 5

#TestCase 5

Test Case Test code

```
Open Browser https://karuniasipoholon.com/auth/register chrome

Set Selenium Implicit Wait 5

Sleep 2
Input Text //*[@id="form_login"]/div[1]/input theresia
Input Text //*[@id="form_login"]/div[2]/input sinagatheresia30@gmail.com
Click Element //*[@id="tombol_login"]
Sleep 3
Close Browser
Log Test Completed
```

Log file



Result After Running



The password field is required.

Ok, Mengerti!

• Test Case 6

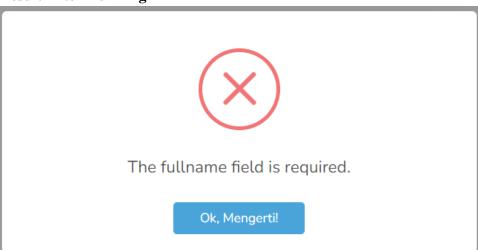
Test Case Test code

```
#TestCase 6

Open Browser https://karuniasipoholon.com/auth/register chrome
Set Selenium Implicit Wait 5
Sleep 2
Input Password //*[@id="form_login"]/div[3]/input 12345678
Input Password //*[@id="form_login"]/div[4]/div/input 12345678

Click Element //*[@id="tombol_login"]
Sleep 3
Close Browser
Log Test Completed
```





• Test Case 7 Test Case Test code

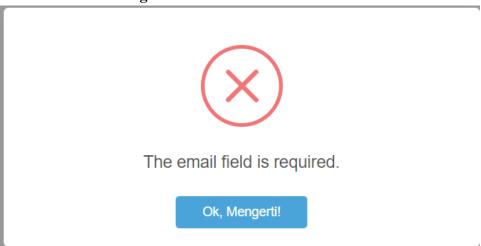
```
#TestCase 7

Open Browser https://karuniasipoholon.com/auth/register chrome
Set Selenium Implicit Wait 5
Sleep 2
Input Text //*[@id="form_login"]/div[1]/input theresia

Click Element //*[@id="tombol_login"]
Sleep 3
Close Browser
Log Test Completed
```



Result After Running

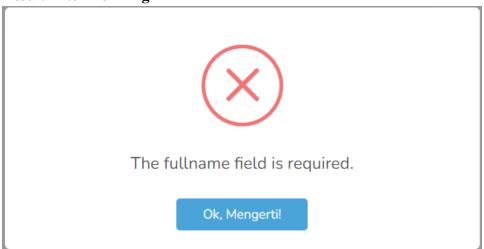


• Test Case 8 Test Case Test code

```
# #TestCase 8

Open Browser https://karuniasipoholon.com/auth/register chrome
Set Selenium Implicit Wait 5
Sleep 2
Input Text //*[@id="form_login"]/div[2]/input sinagatheresia30@gmail.com
Click Element //*[@id="tombol_login"]
Sleep 3
Close Browser
Log Test Completed
```





• Test Case 9

Test Case Test code

```
#TestCase 9

Open Browser https://karuniasipoholon.com/auth/register chrome
Set Selenium Implicit Wait 5
Sleep 2
Input Password //*[@id="form_login"]/div[3]/input 12345678

Click Element //*[@id="tombol_login"]
Sleep 3
Close Browser
Log Test Completed
```





The fullname field is required.

Ok, Mengerti!

• Test Case 10 Test Case Test code

```
#TestCase 10

Open Browser https://karuniasipoholon.com/auth/register chrome
Set Selenium Implicit Wait 5
Sleep 2
Input Password //*[@id="form_login"]/div[4]/div/input 12345678

Click Element //*[@id="tombol_login"]
Sleep 3
Close Browser
Log Test Completed
```



Result After Running



The fullname field is required.

Ok, Mengerti!

• Test Case 11

Test Case Test code

```
#TestCase 11

Open Browser https://karuniasipoholon.com/auth/register chrome
Set Selenium Implicit Wait 5
Sleep 2
Input Text //*[@id="form_login"]/div[2]/input sinagatheresia30@gmail.com
Input Password //*[@id="form_login"]/div[3]/input 12345678

Click Element //*[@id="tombol_login"]
Sleep 3
Close Browser
Log Test Completed
```





The fullname field is required.

Ok, Mengerti!

• Test Case 12 Test Case Test code

```
#TestCase 12
Open Browser https://karuniasipoholon.com/auth/register chrome
Set Selenium Implicit Wait 5
Sleep 2
Input Password //*[@id="form_login"]/div[4]/div/input 12345678

Click Element //*[@id="tombol_login"]
Sleep 3
Close Browser
Log Test Completed
```





The fullname field is required.

Ok, Mengerti!

• Test Case 13 Test Case Test code

```
#TestCase 13

Open Browser https://karuniasipoholon.com/auth/register chrome
Set Selenium Implicit Wait 5
Sleep 2
Input Text //*[@id="form_login"]/div[1]/input theresia
Input Password //*[@id="form_login"]/div[3]/input 12345678

Click Element //*[@id="tombol_login"]
Sleep 3
Close Browser
Log Test Completed
```





The email field is required.

Ok, Mengerti!

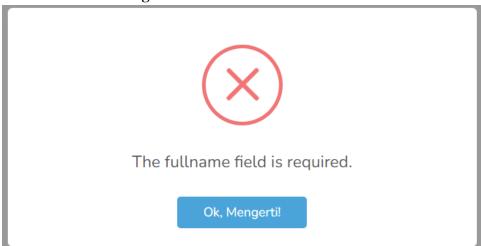
• Test Case 14 Test Case Test code

```
#TestCase 14

Open Browser https://karuniasipoholon.com/auth/register chrome
Set Selenium Implicit Wait 5
Sleep 2
Input Text //*[@id="form_login"]/div[2]/input sinagatheresia30@gmail.com
Input Password //*[@id="form_login"]/div[4]/div/input 12345678

Click Element //*[@id="tombol_login"]
Sleep 3
Close Browser
Log Test Completed
```





Test Case 15 Test Case Test code

```
#TestCase 15

Open Browser https://karuniasipoholon.com/auth/register chrome
Set Selenium Implicit Wait 5
Sleep 2
Input Text //*[@id="form_login"]/div[1]/input theresia
Input Password //*[@id="form_login"]/div[4]/div/input 12345678

Click Element //*[@id="tombol_login"]
Sleep 3
Close Browser
Log Test Completed
```





The email field is required.

Ok, Mengerti!

• Test Case 16 Test Case Test code

```
#TestCase 16
Open Browser https://karuniasipoholon.com/auth/register
                                                   chrome
Set Selenium Implicit Wait
Sleep 2
theresia
                                          sinagatheresia30@gmail.com
Input Password //*[@id="form_login"]/div[3]/input 123456
Input Password //*[@id="form login"]/div[4]/div/input 123456
Click Element
           //*[@id="tombol login"]
Sleep 3
Close Browser
    Test Completed
Log
```





The password field must be at least 8 characters.

Ok, Mengerti!

2. FITUR LOGIN

• Test Case 1

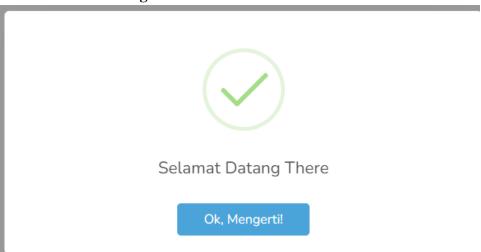
Test Case Test code

```
# TestCase 1

Open Browser   https://karuniasipoholon.com/auth   chrome
Set Selenium Implicit Wait   5
Sleep   2
Input Text   //*[@id="form_login"]/div[1]/input   sinagatheresia30@gmail.com
Input Password   //*[@id="form_login"]/div[2]/div/input   12345678

Click Element   //*[@id="tombol_login"]
Sleep    3
Close Browser
Log    Test Completed
```





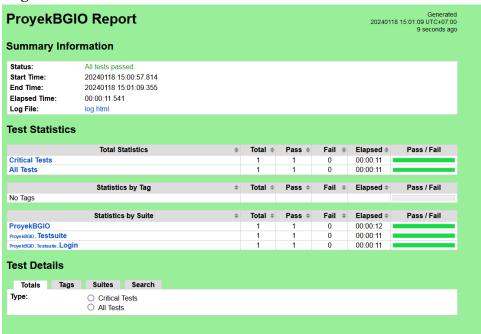
Test Case 2

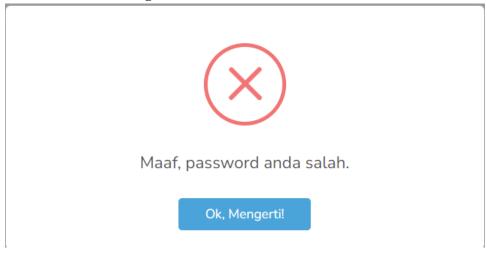
Test Case Test code

```
# TestCase 2
Open Browser https://karuniasipoholon.com/auth chrome
Set Selenium Implicit Wait 5
Sleep 2
Input Text //*[@id="form_login"]/div[1]/input sinagatheresia30@gmail.com
Input Password //*[@id="form_login"]/div[2]/div/input 12345

Click Element //*[@id="tombol_login"]
Sleep 3
Close Browser
Log Test Completed
```

Log file





• Test Case 3

Test Case Test code

```
# TestCase 3
Open Browser https://karuniasipoholon.com/auth chrome
Set Selenium Implicit Wait 5
Sleep 2
Input Text //*[@id="form_login"]/div[1]/input sinaga@gmail.com
Input Password //*[@id="form_login"]/div[2]/div/input 12345678

Click Element //*[@id="tombol_login"]
Sleep 3
Close Browser
Log Test Completed
```





Maaf, Akun belum terdaftar.

Ok, Mengerti!

• Test Case 4 Test Case Test code

```
# TestCase 4

Open Browser https://karuniasipoholon.com/auth chrome
Set Selenium Implicit Wait 5
Sleep 2
Input Text //*[@id="form_login"]/div[1]/input sinaga@gmail.com
Input Password //*[@id="form_login"]/div[2]/div/input 1234567890

Click Element //*[@id="tombol_login"]
Sleep 3
Close Browser
Log Test Completed
```



Result After Running



Maaf, Akun belum terdaftar.

Ok, Mengerti!

Test Case 5

Test Case Test code

```
# TestCase 5

Open Browser https://karuniasipoholon.com/auth chrome
Set Selenium Implicit Wait 5
Sleep 2
Input Text //*[@id="form_login"]/div[1]/input sinagatheresia30@gmail.com
Input Password //*[@id="form_login"]/div[2]/div/input 1234

Click Element //*[@id="tombol_login"]
Sleep 3
Close Browser
Log Test Completed
```

Log file



Result After Running



The password field must be at least 8 characters.

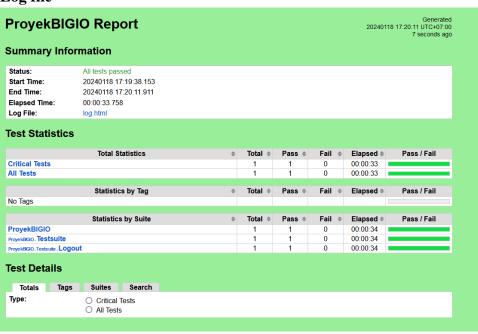
Ok, Mengerti!

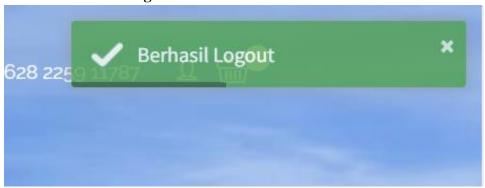
3. Logout

• Test Case 1

Test Case Test code

```
#TestCase 1
Open Browser https://karuniasipoholon.com/auth
Set Selenium Implicit Wait
Sleep
       2
Input Text //*[@id="form_login"]/div[1]/input sinagatheresia:
Input Password //*[@id="form_login"]/div[2]/div/input 12345678
                                                      sinagatheresia30@gmail.com
Click Element //*[@id="tombol_login"]
Sleep 2
Click Element
                  //*[@class="swal2-confirm btn btn-primary"]
Click Element
                  //*[@id="header-1"]/header/div/div/nav[2]/ul/li[2]/ul/li/a
Sleep 3
Close Browser
Log Test Completed
```





4. Reset Password

• Test Case 1

Test Case Test code

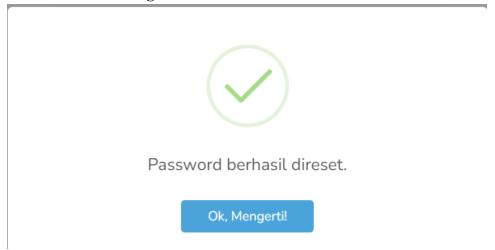
```
# TestCase 1
Open Browser https://karuniasipoholon.com/auth chrome
Set Selenium Implicit Wait 5
Sleep 2
Input Text //*[@id="form_login"]/div[1]/input sinagatheresia30@gmail.com
Input Password //*[@id="form_login"]/p[1]/a
# Menunggu elemen input text pada halaman form_forgot_password muncul
Wait Until Element Is Visible //*[@id="form_forgot_password"]/div[1]/input timeout=10s
Input Text //*[@id="form_forgot_password"]/div[1]/input sinagatheresia30@gmail.com

Click Element //*[@id="tombol_forgot_password"]
# Menunggu elemen input text pada halaman form_reset_password muncul
Wait Until Element Is Visible //*[@id="form_reset_password"]/div[1]/input timeout=10s

Input Text //*[@id="form_reset_password"]/div[1]/input sinagatheresia30@gmail.com
Input Text //*[@id="form_reset_password"]/div[2]/input newpassword
Input Text //*[@id="form_reset_password"]/div[3]/input newpassword
Click Element //*[@id="form_reset_password"]/div[3]/input newpassword
Click Element //*[@id="tombol_reset_password"]

Click Element //*[@id="tombol_reset_password"]
```

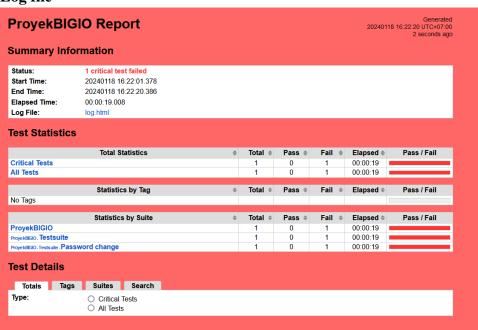


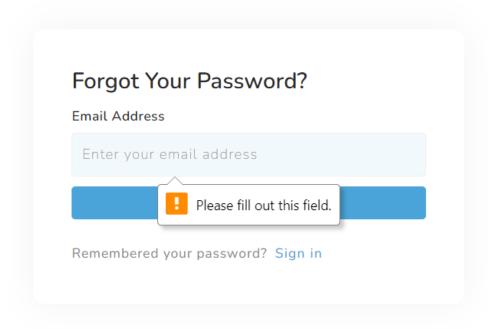


• Test Case 2

Test Case Test code

```
Open Browser https://karuniasipoholon.com/auth chrome
Set Selenium Implicit Wait
Sleep 2
Input Text //*[@id="form_login"]/div[1]/input sinagatheresia3
Input Password //*[@id="form_login"]/div[2]/div/input 123456897
                                                       sinagatheresia30@gmail.com
Click Element //*[@id="form_login"]/p[1]/a
Wait Until Element Is Visible //*[@id="form_forgot_password"]/div[1]/input
                                                                                        timeout=10s
timeout=10s
              //*[@id="form_reset_password"]/div[1]/input sinagatheresia30@gmail.com
//*[@id="form_reset_password"]/div[2]/input newpassword
//*[@id="form_reset_password"]/div[3]/input newpassword
Input Text
Input Text
Input Text
Click Element
                 //*[@id="tombol reset password"]
Sleep 3
Close Browser
Log Test Completed
```

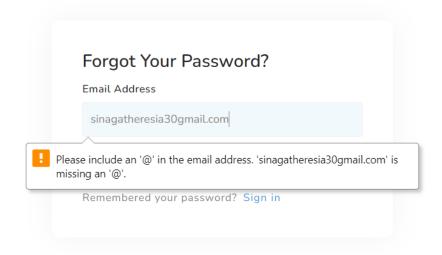




Test Case 2

Test Case Test code





5. User session management

• Test Case 1

Test Case Test code

```
Open Browser https://karuniasipoholon.com/auth chrome
Set Selenium Implicit Wait
Sleep 2
Input Text //*[@id="form login"]/div[1]/input
                                               sinagatheresia30@gmail.com
Input Password //*[@id="form_login"]/div[2]/div/input 12345678
             //*[@id="tombol_login"]
Click Element
Sleep 2
Click Element
               //*[@class="swal2-confirm btn btn-primary"]
Sleep
Click Element
               //*[@id="header-1"]/header/div/div/nav[2]/ul/li[2]/a
Sleep 3
Close Browser
Log Test Completed
```

