

Exercise Robot Framework – OrangeHRM

1. Test Case

Total ada 4 test case yang dibuat, yaitu:

- a) TC_NavigateToURL: Test case ini untuk mengarahkan User ke URL <https://opensource-demo.orangehrmlive.com/>
- b) TC_Login: Test case ini untuk mengarahkan User melakukan login
- c) TC_AddDeleteNationalities: Test case ini untuk mengarahkan User menambah dan menghapus Nationalities
- d) TC_ApplyLeave: Test case ini mengarahkan User melakukan pengajuan cuti karyawan pada tanggal 5-Oct-2020

2. Scalar

Berikut ini adalah scalar-scalar yang dibuat. Ada beberapa penggunaan locator yang berbeda seperti id, name, class, dan xpath.

```
3
4 *** Variables ***
5 ${Username}      id=txtUsername
6 ${Password}      id=txtPassword
7 ${BtnLogin}      id=btnLogin
8 ${TabLeave}       id=menu_leave_viewLeaveModule
9 ${TabApply}      id=menu_leave_applyLeave
10 ${SlctLeaveType}  name=applyleave[txtLeaveType]
11 ${TxtFromDate}   name=applyleave[txtFromDate]
12 ${TxtToDate}     name=applyleave[txtToDate]
13 ${SlctDuration}  id=applyleave_duration_duration
14 ${SlctDurationAmPm} id=applyleave_duration_ampm
15 ${TtlApplyLeave}  class=head
16 ${BtnDate5Oct}   xpath=/html/body/div[3]/table/tbody/tr[2]/td[1]/a
17 ${ImgDatePicker} class=ui-datepicker-trigger
18 ${BtnNextMonth}  class=ui-icon ui-icon-circle-triangle-e
19 ${SlctMonth}     class=ui-datepicker-month
20 ${BtnApplyLeave}  id=applyBtn
21 ${TtlSuccessSubmit} class=message success fadeable
22 ${TabMyLeave}     id=menu_leave_viewMyLeaveList
23 ${TtlUserRoleAdmin} xpath=//*[@id="resultTable"]/tbody/tr[6]/td[3]
24 ${TabNationalities} id=menu_admin_nationality
25 ${BtnAddNationalities} id=btnAdd
26 ${TxtNationalityName} id=nationality_name
27 ${BtnSaveAddNationalities} id=btnSave
28 ${TtlAaabb}       xpath=//*[@id="resultTable"]/tbody/tr[1]/td[2]/a
29 ${ChkNationalities} name=chkSelectRow[]
30 ${BtnWelcome}     id=welcome
31 ${BtnLogout}      xpath=//*[@id="welcome-menu"]/ul/li[2]/a
32 ${TabMyInfo}      id=menu_pim_viewMyDetails
33 ${BtnDeleteNationalities} id=btnDelete
34 ${BtnConfirmDelete} id=dialogDeleteBtn
35 ${TabAdmin}       id=menu_admin_viewAdminModule
36 ${TtlLoginPanel}  id=logInPanelHeading
37
```

3. Report

Berikut ini adalah Robot Framework Testing Log dari hasil Running Test Case yang dibuat.

Robot Framework Testing Log

Generated
20201002 14:14:49 UTC+07:00
22 seconds ago

REPORT

Test Statistics

Total Statistics	Total	Pass	Fail	Elapsed	Pass / Fail
Critical Tests	4	4	0	00:00:36	<div></div>
All Tests	4	4	0	00:00:36	<div></div>
Statistics by Tag	Total	Pass	Fail	Elapsed	Pass / Fail
No Tags					<div></div>
Statistics by Suite	Total	Pass	Fail	Elapsed	Pass / Fail
Robot Framework Testing	4	4	0	00:00:36	<div></div>

Test Execution Log

SUITE Robot Framework Testing	00:00:36.041
Full Name: Robot Framework Testing	
Source: D:\NIA\Kursus\Robot Framework\Robot_Framework_Testing.robot	
Start / End / Elapsed: 20201002 14:14:13.565 / 20201002 14:14:49.606 / 00:00:36.041	
Status: 4 critical test, 4 passed, 0 failed 4 test total, 4 passed, 0 failed	
TEST TC_NavigateToURL	00:00:13.716
Full Name: Robot Framework Testing.TC_NavigateToURL	
Documentation: This test case is to navigate user to URL https://opensource-demo.orangehrmlive.com/	
Start / End / Elapsed: 20201002 14:14:13.903 / 20201002 14:14:27.619 / 00:00:13.716	
Status: PASS (critical)	
KEYWORD Selenium2Library.Open Browser https://opensource-demo.orangehrmlive.com/ , firefox	00:00:13.714
TEST TC_Login	00:00:04.417
Full Name: Robot Framework Testing.TC_Login	
Documentation: This test case is login process	
Start / End / Elapsed: 20201002 14:14:27.621 / 20201002 14:14:32.038 / 00:00:04.417	
Status: PASS (critical)	
KEYWORD Selenium2Library.Input Text \${Username}, Admin	00:00:00.100
KEYWORD Selenium2Library.Input Text \${Password}, admin123	00:00:00.054
KEYWORD Selenium2Library.Click Button \${BtnLogin}	00:00:00.259
TEST TC_AddDeleteNationalities	00:00:10.100
Full Name: Robot Framework Testing.TC_AddDeleteNationalities	
Documentation: This test case is to add and delete Nationalities	
Start / End / Elapsed: 20201002 14:14:32.040 / 20201002 14:14:42.140 / 00:00:10.100	
Status: PASS (critical)	
KEYWORD Selenium2Library.Click Element \${TabAdmin}	00:00:00.764
KEYWORD Selenium2Library.Wait Until Element Is Visible \${TabNationalities}	00:00:00.033
KEYWORD Selenium2Library.Click Element \${TabNationalities}	00:00:01.700
KEYWORD Selenium2Library.Click Button \${BtnAddNationalities}	00:00:00.377
KEYWORD Selenium2Library.Input Text \${TxtNationalityName}, aaab	00:00:00.059
KEYWORD Selenium2Library.Click Button \${BtnSaveAddNationalities}	00:00:01.377
KEYWORD Selenium2Library.Element Should Be Visible \${TtlAaab}	00:00:00.135
KEYWORD Selenium2Library.Select Checkbox \${ChkNationalities}	00:00:03.025
KEYWORD Selenium2Library.Click Button \${BtnDeleteNationalities}	00:00:00.248
KEYWORD Selenium2Library.Click Button \${BtnConfirmDelete}	00:00:02.372
TEST TC_ApplyLeave	00:00:07.460
Full Name: Robot Framework Testing.TC_ApplyLeave	
Documentation: This test case is to apply leave in 5-Oct-2020	
Start / End / Elapsed: 20201002 14:14:42.143 / 20201002 14:14:49.603 / 00:00:07.460	
Status: PASS (critical)	
KEYWORD Selenium2Library.Click Element \${TabLeave}	00:00:01.972
KEYWORD Selenium2Library.Wait Until Element Is Visible \${TabApply}	00:00:00.097
KEYWORD Selenium2Library.Click Element \${TabApply}	00:00:01.125
KEYWORD Selenium2Library.Page Should Contain Element \${TtlApplyLeave}	00:00:00.026
KEYWORD Selenium2Library.Select From List By Index \${SltLeaveType}, 2	00:00:00.432
KEYWORD Selenium2Library.Click Image \${ImgDatePicker}	00:00:00.307
KEYWORD Selenium2Library.Select From List By Label \${SltMonth}, Oct	00:00:00.038
KEYWORD Selenium2Library.Click Element \${BtnDate5Oct}	00:00:00.257
KEYWORD Selenium2Library.Select From List By Value \${SltDuration}, half_day	00:00:00.281
KEYWORD Selenium2Library.Select From List By Label \${SltDurationAmPm}, Afternoon	00:00:00.262
KEYWORD Selenium2Library.Click Button \${BtnApplyLeave}	00:00:00.937
KEYWORD Selenium2Library.Close Browser	00:00:01.714

Berikut ini adalah Robot Framework Testing Report dari hasil Running Test Case yang dibuat.

Robot Framework Testing Report

Generated
20201002 14:14:49 UTC+07:00
42 seconds ago

LOG

Summary Information

Status:

All tests passed

Start Time:

20201002 14:14:13.565

End Time:

20201002 14:14:49.606

Elapsed Time:

00:00:36.041

Log File:

[log.html](#)

Test Statistics

Total Statistics	Total	Pass	Fail	Elapsed	Pass / Fail
Critical Tests	4	4	0	00:00:36	<div></div>
All Tests	4	4	0	00:00:36	<div></div>

Statistics by Tag	Total	Pass	Fail	Elapsed	Pass / Fail
No Tags					

Statistics by Suite	Total	Pass	Fail	Elapsed	Pass / Fail
Robot Framework Testing	4	4	0	00:00:36	<div></div>

Test Details

TotalsTagsSuitesSearch

Type:

☐ Critical Tests

☐ All Tests