

Laporan Praktikum Pengujian dan Kualitas Perangkat Lunak Week 12b ATDD - Automation Testing with Selenium and Robot Framework		
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Pengujian Aplikasi Github

1. Fungsi Login

Scenario

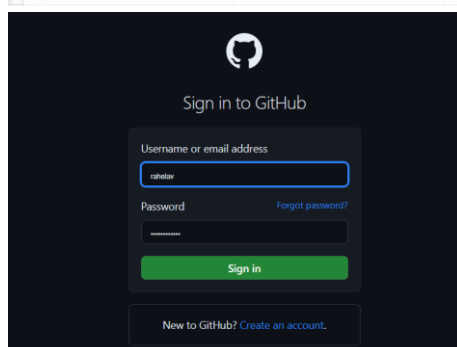
Scenario	Description
Open Browser	Alamat yang dituju adalah: https://github.com/login
Input Text	User memasukkan <i>username</i> pada <i>text field</i>
Input Text	User memasukkan <i>password</i> pada <i>text field</i>
Click Element	User mengklik <i>button</i> Login

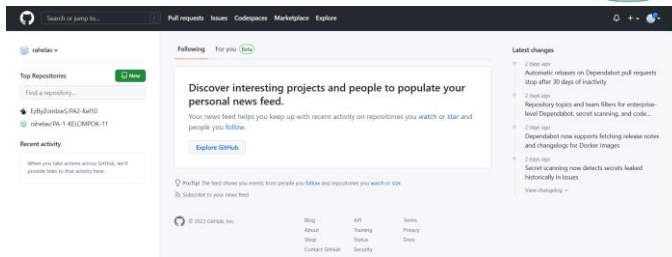
Test Frame Fungsi A

Test Fungsi A	Input	
	Parameter 1	Parameter 2
Variasi 1	Username valid	Password Valid
Variasi 2	Username valid	Password tidak valid
Variasi 3	Username tidak valid	Password tidak valid

a. Test Fungsi A Variasi 1

Test Cases		
What elements		
LoginTest		
Open Browser	https://github.com/login	chrome
Set Selenium Implicit Wait	5	
Sleep	2	
Input Text	login_field	
Input Password	password	
Click Button	//*[@id="login"]/div[4]/form/div/input[12]	
Sleep	3	
Close Browser		
Log	Test Completed	





Test Statistics

Category	Total	Pass	Fail	Elapsed	Pass / Fail
All Tests	1	1	0	00:00:12	100%

Statistics by Tag	Total	Pass	Fail	Elapsed	Pass / Fail
No Tags	1	1	0	00:00:12	100%

Statistics by Suite	Total	Pass	Fail	Elapsed	Pass / Fail
RobotTestGithub	1	1	0	00:00:12	100%
TestSuite 02	1	1	0	00:00:12	100%
TestSuite 03	1	1	0	00:00:12	100%

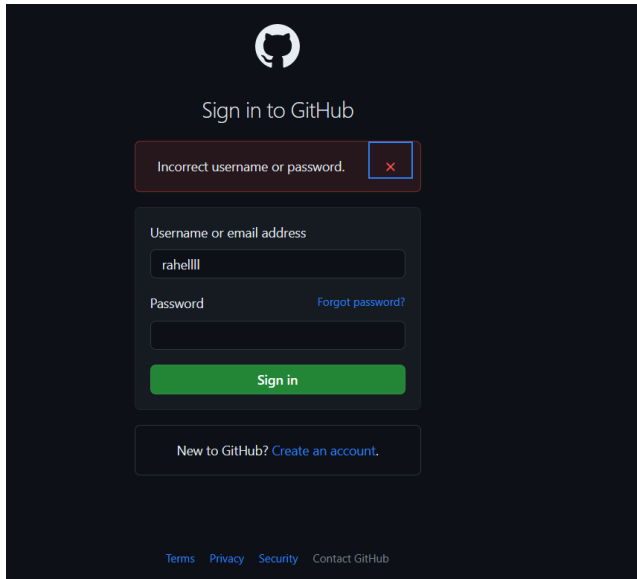
Test Execution Log

Test Name	Source	Start / End / Elapsed	Status
RobotTestGithub	C:\Users\rahelur\workspace\RobotTestGithub	2022/04/28 21:08:24.327 / 2022/04/28 21:08:36.065 / 00:00:12.358	1 critical test, 1 passed, 0 failed
TestSuite 02	C:\Users\rahelur\workspace\RobotTestGithub\TestSuite_02	2022/04/28 21:08:24.344 / 2022/04/28 21:08:36.065 / 00:00:12.352	1 critical test, 1 passed, 0 failed
LoginTest	C:\Users\rahelur\workspace\RobotTestGithub\TestSuite_02>LoginTest	2022/04/28 21:08:24.349 / 2022/04/28 21:08:36.072 / 00:00:12.323	1 critical test, 1 passed, 0 failed

b. Tets Fungsi Login variasi 2

Test Cases

Test Case	URL	Browser
Open Browser	https://github.com/login	chrome
Set Selenium Implicit Wait	5	
Sleep	5	
Input Text	login field	
Input Password	password	
Click Button	//*[id="login"]/div[4]/form/div/input[12]	
Sleep	10	
Close Browser		
Log	Test Completed	



Test Statistics

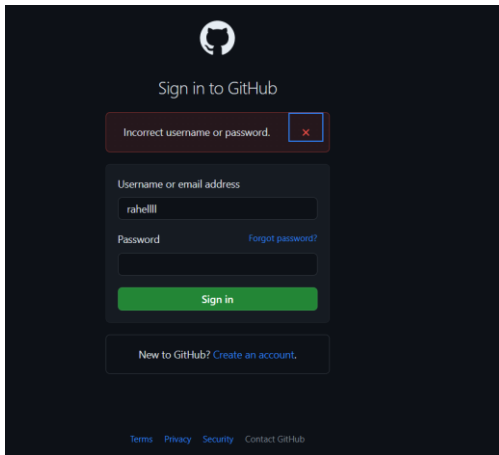
Category	Total	Pass	Fail	Elapsed	Pass / Fail
All Tests	1	1	0	00:00:22	100%

Statistics by Tag	Total	Pass	Fail	Elapsed	Pass / Fail
No Tags	1	1	0	00:00:22	100%

Statistics by Suite	Total	Pass	Fail	Elapsed	Pass / Fail
RobotTestGithub	1	1	0	00:00:22	100%
TestSuite 02	1	1	0	00:00:22	100%
TestSuite 03	1	1	0	00:00:22	100%

c. Test Fungsi Login variasi 3

Test Cases	
Filter elements	
Sleep	5
Input Text	login_field
Input Password	password
Click Button	//*[id="login"]/div(4)/form/div/input[12]
Sleep	10
Close Browser	
Log	Test Completed
...add new case	



Test Cases	
Filter elements	
Sleep	5
Input Text	login_field
Input Password	password
Click Button	//*[id="login"]/div(4)/form/div/input[12]
Sleep	10
Close Browser	
Log	Test Completed
...add new case	

2. Fungsi Add Email

Scenario

Scenario	Description
Open Browser	Alamat yang dituju adalah: https://github.com/login
Input Text	User memasukkan <i>username</i> pada <i>text field</i>
Input Password	User memasukkan <i>password</i> pada <i>text field</i>
Click Button	User mengklik <i>button</i> Login
Click Element	User mengklik icon profil
Click Element	User mengklik settings
Click Element	User mengklik email
Input Text	User memasukkan email
Click Button	User mengklik <i>button</i> Add

Test Frame Fungsi Add Email

Test Fungsi AddEmail	Input
	Parameter 1
Variasi 1	Email valid
Variasi 2	Email tidak mengandung @ (at)
Variasi 3	Email tidak mengandung . (dot)

a. Test fungsi add email

```

1 @*** Settings ***
2 Library SeleniumLibrary
3
4 @*** Test Cases ***
5
6 AddEmail
7   Open Browser    https://github.com/login    chrome
8   Set Selenium Implicit Wait    5
9   Sleep    2
10  Input Text    login_field
11  Input Password    password    Invantrill
12  Click Element    commit
13  Click Element    xpath://html/body/div[1]/header/div[7]/details/summary
14  Click Element    xpath://html/body/div[1]/header/div[7]/details/details-menu/a[9]
15  Click Element    //*[@id="js-pjax-container"]/div/div[2]/div[1]/div/action-list/nav/ul/li[8]/ul/li[2]/a
16  Input Text    email
17  Click Element    //*[@id="new_user_email"]/div/dd/button
18  Sleep    30
19  Close Browser
20  Log    Berhasil Menambah Email
21

```

RobotTestCIS Log

20220427 01:58:37 (UTC+7:30)
6 minutes 46 seconds ago

Test Statistics

Total Statistics	Total	Pass	Fail	Elapsed	Pass / Fail
Critical Tests	1	1	0	00:00:45	1 / 0
All Tests	1	1	0	00:00:45	1 / 0

Statistics by Tag

No Tags	Total	Pass	Fail	Elapsed	Pass / Fail
RobotTestCIS	1	1	0	00:00:45	1 / 0
RobotTestCIS TestSuite	1	1	0	00:00:45	1 / 0
RobotTestCIS TestSuite	1	1	0	00:00:45	1 / 0

Test Execution Log

RobotTestCIS
Full Name: RobotTestCIS
Source: C:\Users\watu\Documents\SEMESTER V\PPPL\WEEK 10\Task\QA\RobotTestCIS
Start / End / Elapsed: 20220427 01:54:50.077 / 20220427 01:55:37.529 / 00:00:47.865
Status: 1 critical test, 1 passed, 0 failed
1 test total, 1 passed, 0 failed

RobotTestCIS TestSuite
Full Name: RobotTestCIS TestSuite
Source: C:\Users\watu\Documents\SEMESTER V\PPPL\WEEK 10\Task\QA\RobotTestCIS TestSuite
Start / End / Elapsed: 20220427 01:54:50.077 / 20220427 01:55:37.518 / 00:00:47.841
Status: 1 critical test, 1 passed, 0 failed
1 test total, 1 passed, 0 failed

b. Fungsi add email variasi 2

```

1 @*** Settings ***
2 Library SeleniumLibrary
3
4 @*** Test Cases ***
5
6 AddEmail
7   Open Browser    https://github.com/login    chrome
8   Set Selenium Implicit Wait    5
9   Sleep    2
10  Input Text    login_field
11  Input Password    password    Invantrill
12  Click Element    commit
13  Click Element    xpath://html/body/div[1]/header/div[7]/details/summary
14  Click Element    xpath://html/body/div[1]/header/div[7]/details/details-menu/a[9]
15  Click Element    //*[@id="js-pjax-container"]/div/div[2]/div[1]/div/action-list/nav/ul/li[8]/ul/li[2]/a
16  Input Text    email
17  Click Element    //*[@id="new_user_email"]/div/dd/button
18  Sleep    30
19  Close Browser
20  Log    Berhasil Menambah Email
21

```

RobotTestCIS Log Generated: 2022/04/27 02:16:11 UTC+07:00
28 months ago

Test Statistics

	Total Statistics	Total	Pass	Fail	Skipped	Pass / Fail
Critical Tests		1	1	0	0	100.00%
All Tests		1	1	0	0	100.00%

Statistics by Tag

Tag	Total	Pass	Fail	Skipped	Pass / Fail
Test Suite	1	1	0	0	100.00%

Statistics by Suite

Suite	Total	Pass	Fail	Skipped	Pass / Fail
RobotTestCIS	1	1	0	0	100.00%
Test Suite: Tagged	1	1	0	0	100.00%

Test Execution Log

```

- [PASS] RobotTestCIS
  Full Name: RobotTestCIS
  Source: C:\Users\muh\Documents\ROBTESTER\1\PHPLANGKA\10\TaskQA\RobotTestCIS
  Start / End / Elapsed: 2022/04/27 02:16:10.829 / 2022/04/27 02:16:11.260 / 00:00:45.137
  Status: 1 critical test, 1 passed, 0 failed, 0 test total, 1 passed, 0 failed

- [PASS] TestSuite
  Full Name: RobotTestCIS TestSuite
  Source: C:\Users\muh\Documents\ROBTESTER\1\PHPLANGKA\10\TaskQA\RobotTestCIS\TestSuite
  Start / End / Elapsed: 2022/04/27 02:16:10.829 / 2022/04/27 02:16:11.260 / 00:00:45.137
  Status: 1 critical test, 1 passed, 0 failed, 0 test total, 1 passed, 0 failed

- [PASS] Testes
  Full Name: RobotTestCIS TestSuite Testes
  Source: C:\Users\muh\Documents\ROBTESTER\1\PHPLANGKA\10\TaskQA\RobotTestCIS\TestSuite\Testes
  Start / End / Elapsed: 2022/04/27 02:16:10.829 / 2022/04/27 02:16:11.260 / 00:00:45.137
  Status: 1 critical test, 1 passed, 0 failed, 0 test total, 1 passed, 0 failed

- [PASS] AddEmail
  
```

c. Test fungsi add email variasi 3

```

1 @*** Settings ***
2 library SeleniumLibrary
3
4 @*** Test Cases ***
5
6 @AddEmail
7 Open Browser https://github.com/login chrome
8 Set Selenium Implicit Wait 5
9 Sleep 2
10 Input Text login_field
11 Input Password password Invariant11
12 Click Element commit
13 Click Element xpath://html/body/div[1]/header/div[7]/details/summary
14 Click Element xpath://html/body/div[1]/header/div[7]/details/details-menu/a[9]
15 Click Element //*[@id='is-oas-container']/div/div[2]/div[1]/div/action-list/new/ul/li[8]/ul/li[2]/a
16 Input Text email
17 Click Element //*[@id='new_user_email']/div/div/button
18 Sleep 30
19 Close Browser
20 Log Berhasil Menambah Email
  
```

RobotTestCIS Log Generated: 2022/04/27 02:11:45 UTC+07:00
28 months ago

Test Statistics

	Total Statistics	Total	Pass	Fail	Skipped	Pass / Fail
Critical Tests		1	1	0	0	100.00%
All Tests		1	1	0	0	100.00%

Statistics by Tag

Tag	Total	Pass	Fail	Skipped	Pass / Fail
Test Suite	1	1	0	0	100.00%

Statistics by Suite

Suite	Total	Pass	Fail	Skipped	Pass / Fail
RobotTestCIS	1	1	0	0	100.00%
Test Suite: Tagged	1	1	0	0	100.00%

Test Execution Log

```

- [PASS] RobotTestCIS
  Full Name: RobotTestCIS
  Source: C:\Users\muh\Documents\ROBTESTER\1\PHPLANGKA\10\TaskQA\RobotTestCIS
  Start / End / Elapsed: 2022/04/27 02:10:57.850 / 2022/04/27 02:11:45.876 / 00:00:48.015
  Status: 1 critical test, 1 passed, 0 failed, 0 test total, 1 passed, 0 failed

- [PASS] TestSuite
  Full Name: RobotTestCIS TestSuite
  Source: C:\Users\muh\Documents\ROBTESTER\1\PHPLANGKA\10\TaskQA\RobotTestCIS\TestSuite
  Start / End / Elapsed: 2022/04/27 02:10:57.850 / 2022/04/27 02:11:45.876 / 00:00:48.015
  Status: 1 critical test, 1 passed, 0 failed, 0 test total, 1 passed, 0 failed

- [PASS] Testes
  Full Name: RobotTestCIS TestSuite Testes
  Source: C:\Users\muh\Documents\ROBTESTER\1\PHPLANGKA\10\TaskQA\RobotTestCIS\TestSuite\Testes
  Start / End / Elapsed: 2022/04/27 02:10:57.850 / 2022/04/27 02:11:45.876 / 00:00:48.015
  Status: 1 critical test, 1 passed, 0 failed, 0 test total, 1 passed, 0 failed

- [PASS] AddEmail
  
```

3. Fungsi star project

Scenario

Scenario	Description
Open Browser	Alamat yang dituju adalah: https://github.com/login
Input Text	User memasukkan <i>username</i> pada <i>text field</i>
Input Password	User memasukkan password pada <i>text field</i>
Click Button	User mengklik <i>button</i> Login
Input Text	User memasukkan nama project
Press Key	User meng-enter nama project
Click Icon	User mengklik icon star

Test Frame Fungsi Star Project

Test Fungsi A	Input
	Parameter 1
Variasi 1	Project Tersedia
Variasi 2	Project Tidak Tersedia
Variasi 3	Project sudah diStar

a. Test fungsi star project variasi 1

FirstSeleniumTest		
Open Browser	https://github.com/login	chrome
Set Browser Implicit Wait	5	
Sleep	2	
Input Text	login_field	
Input Password	password	
Click Element	commit	
Click Element	q	
Input Text	q	java
Press Keys	q	ENTER
Click Element	//*(@id="js-pjax-container")/div/d...	
Sleep	20	
Close Browser		
Log	Test Complete	

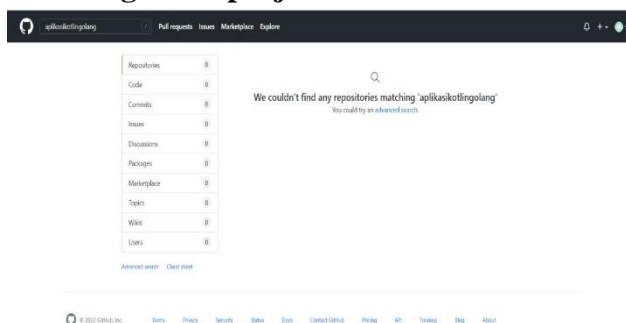
Test Statistics

Total Statistics	Total	Pass	Fail	Elapsed	Pass / Fail
Critical Tests	1	1	0	00:00:36	
All Tests	1	1	0	00:00:36	

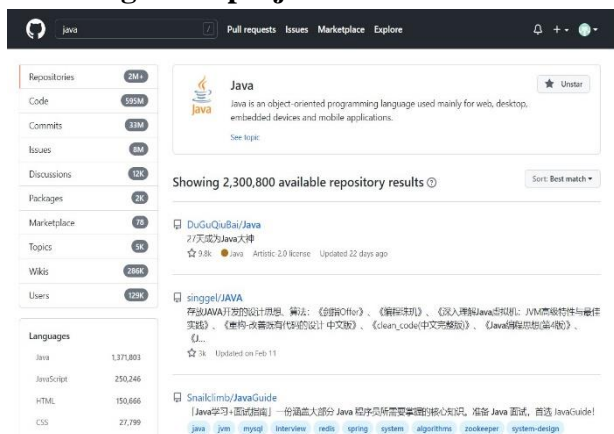
Statistics by Tag	Total	Pass	Fail	Elapsed	Pass / Fail
No Tags					

Statistics by Suite	Total	Pass	Fail	Elapsed	Pass / Fail
RobotTestGithub	1	1	0	00:00:36	
RobotTestGithub, TestSuite	1	1	0	00:00:36	
RobotTestGithub, TestSuite, CreateRepository	1	1	0	00:00:36	

b. Test fungsi star project variasi 2



c. Test fungsi star project variasi 3



4. Fungsi search project

Scenario

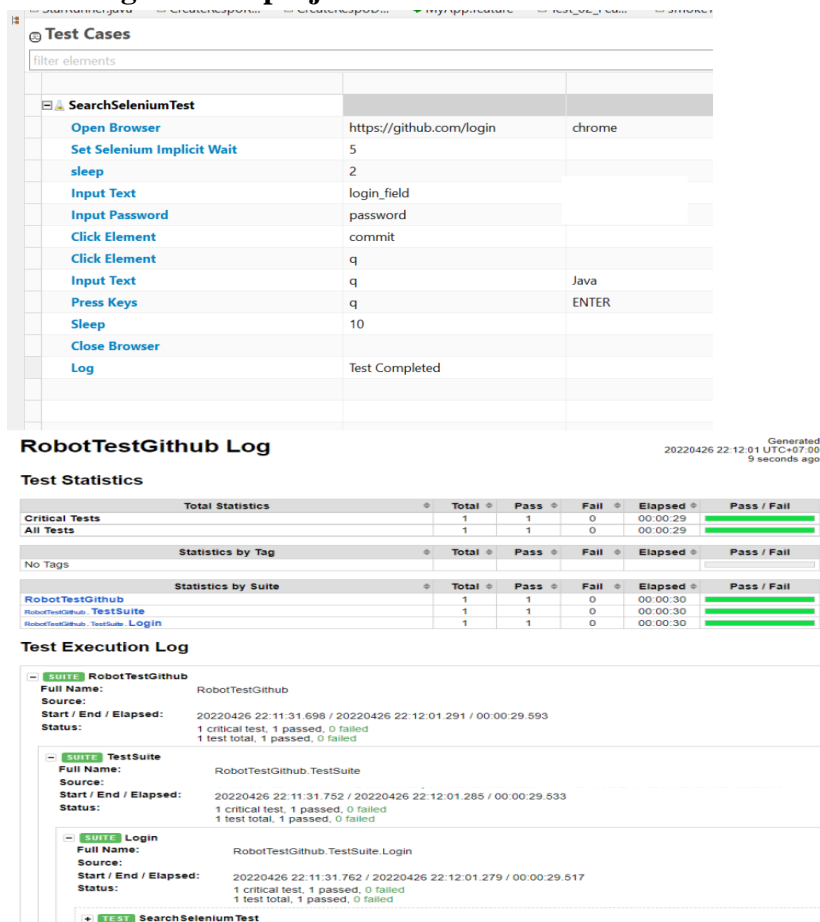
Scenario	Description
Open Browser	Alamat yang dituju adalah: https://github.com/login
Input Text	User memasukkan <i>username</i> pada <i>text field</i>
Input Password	User memasukkan password pada <i>text field</i>
Click Button	User mengklik <i>button</i> Login

Click Button	User mengklik <i>button</i> Search
Input Text	User memasukkan <i>keyword</i> yang akan dicari
Press Key	User mengklik tombol enter pada <i>keyboard</i>

Test Frame Fungsi Search Project

Test Fungsi Search Project	Input
	Parameter 1
Variasi 1	Project Tersedia
Variasi 2	Project Tidak Tersedia

a. Test fungsi search project variasi 1



Test Cases

Test Case	Value	Value
SearchSeleniumTest		
Open Browser	https://github.com/login	chrome
Set Selenium Implicit Wait	5	
sleep	2	
Input Text	login_field	
Input Password	password	
Click Element	commit	
Click Element	q	
Input Text	q	Java
Press Keys	q	ENTER
Sleep	10	
Close Browser		
Log	Test Completed	

RobotTestGithub Log

Generated 20220426 22:12:01 UTC+07:00 9 seconds ago

Test Statistics

Total Statistics	Total	Pass	Fail	Elapsed	Pass / Fail
Critical Tests	1	1	0	00:00:29	1 / 0
All Tests	1	1	0	00:00:29	1 / 0

Statistics by Tag

No Tags	Total	Pass	Fail	Elapsed	Pass / Fail
No Tags	1	1	0	00:00:29	1 / 0

Statistics by Suite

Suite	Total	Pass	Fail	Elapsed	Pass / Fail
RobotTestGithub	1	1	0	00:00:30	1 / 0
RobotTestGithub.TestSuite	1	1	0	00:00:30	1 / 0
RobotTestGithub.TestSuite.Login	1	1	0	00:00:30	1 / 0

Test Execution Log

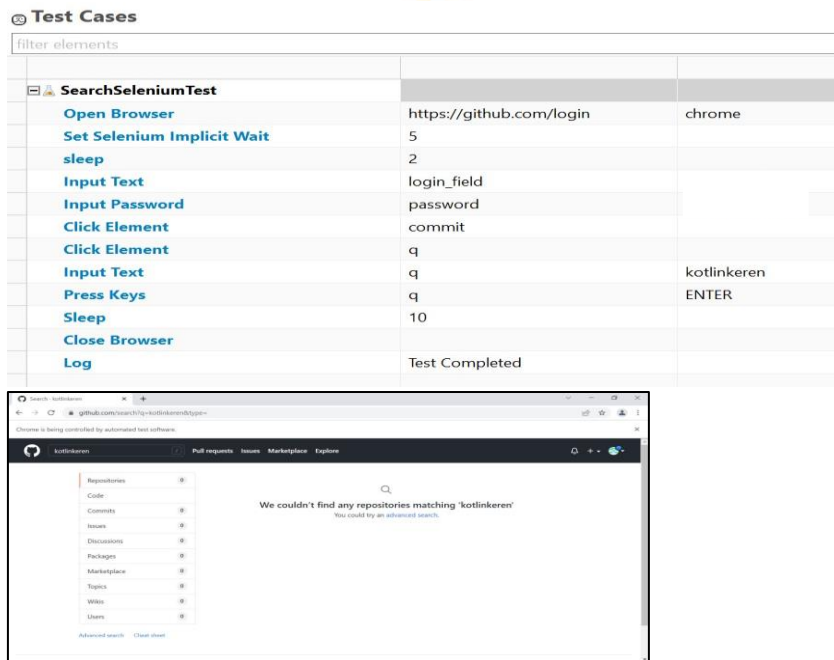
SUITE: RobotTestGithub
 Full Name: RobotTestGithub
 Source: RobotTestGithub
 Start / End / Elapsed: 20220426 22:11:31.698 / 20220426 22:12:01.291 / 00:00:29.593
 Status: 1 critical test, 1 passed, 0 failed
 1 test total, 1 passed, 0 failed

SUITE: TestSuite
 Full Name: RobotTestGithub.TestSuite
 Source: RobotTestGithub.TestSuite
 Start / End / Elapsed: 20220426 22:11:31.752 / 20220426 22:12:01.285 / 00:00:29.533
 Status: 1 critical test, 1 passed, 0 failed
 1 test total, 1 passed, 0 failed

SUITE: Login
 Full Name: RobotTestGithub.TestSuite.Login
 Source: RobotTestGithub.TestSuite.Login
 Start / End / Elapsed: 20220426 22:11:31.762 / 20220426 22:12:01.279 / 00:00:29.517
 Status: 1 critical test, 1 passed, 0 failed
 1 test total, 1 passed, 0 failed

TEST: SearchSeleniumTest

b. Test fungsi search project variasi 2



5. Fungsi set status

Scenario

Scenario	Description
Open Browser	Alamat yang dituju adalah: https://github.com/login
Input Text	User memasukkan <i>username</i> pada <i>text field</i>
Input Password	User memasukkan password pada <i>text field</i>
Click Button	User mengklik <i>button</i> Login
Click Button	User mengklik <i>icon</i> profil
Click Button	User mengklik set status
Input Text	User memasukkan status
Click Button	User mengklik checkbox busy
Click Button	User mengklik button set status

Test Frame Fungsi Set Status Project

Test Fungsi Search Project	Input
	Parameter 1
Variasi 1	Set status
Variasi 2	Tanpa checkbox busy
Variasi 3	Tanpa ketik focus

a. Test fungsi set status variasi 1

Test Cases

Test Case	Step	Value	Browser
SetStatusTestCase	Open Browser	https://github.com/login	chrome
	Set Selenium Implicit Wait	5	
	Sleep	2	
	Input Text	login_field	
	Input Password	password	
	Click Element	commit	
	Click Element	xpath/html/body/div(1)/header/dl...	
	Click Element	xpath/html/body/div(1)/header/dl...	
	Input Text	xpath/html/body/div(1)/header/dl... focus	
	Click Element	//%id~limited-availability-trunc...	
	Click Element	xpath/html/body/div(1)/header/dl...	
	Sleep	20	
	Close Browser		
	Log	Test Completed	

GitHub Interface

Search or jump to... Pull requests Issues Marketplace Explore

Create your first project
Ready to start building? Create a repository for a new idea or bring over an existing repository to keep contributing to it.
[Create repository](#)

Recent activity
When you take actions across GitHub, we'll provide links to that activity here.

Learn Git and GitHub without any code!
Using the Hello World guide, you'll create a repository, start a branch, write comments, and open a pull request.
[Read the guide](#) [Start a project](#)

Our response to the war in Ukraine
GitHub is united with the people of Ukraine and the international community.
[Read more](#)

Following For you [Beta](#)

Introduce yourself
The easiest way to introduce yourself on GitHub is by creating a README in a repository about you! You can start here.

Edit status

☐ focus

☒ Busy
When others mention you, assign you, or request your review, GitHub will let them know that you have limited availability.

Clear status [Never](#)

[Set status](#) [Clear status](#)

b. Test fungsi set status variasi 2

Test Cases

Test Case	Step	Value	Browser
SetStatusTestCase	Open Browser	https://github.com/login	chrome
	Set Selenium Implicit Wait	5	
	Sleep	2	
	Input Text	login_field	
	Input Password	password	
	Click Element	commit	
	Click Element	xpath/html/body/div(1)/header/dl...	
	Click Element	xpath/html/body/div(1)/header/dl...	
	Input Text	xpath/html/body/div(1)/header/dl... focus	
	Click Element	xpath/html/body/div(1)/header/dl...	
	Sleep	20	
	Close Browser		
	Log	Test Completed	

GitHub Interface

Search or jump to... Pull requests Issues Marketplace Explore

Create your first project
Ready to start building? Create a repository for a new idea or bring over an existing repository to keep contributing to it.
[Create repository](#)

Recent activity
When you take actions across GitHub, we'll provide links to that activity here.

[Read the guide](#) [Start a project](#)

Edit status

☐ focus

☒ Busy
When others mention you, assign you, or request your review, GitHub will let them know that you have limited availability.

Clear status [Never](#)

[Set status](#) [Clear status](#)

c. Test fungsi set status variasi 3

Test Cases

Test Case	Step	Value	Browser
SetStatusTestCase	Open Browser	https://github.com/login	chrome
	Set Selenium Implicit Wait	5	
	Sleep	2	
	Input Text	login_field	
	Input Password	password	
	Click Element	commit	
	Click Element	xpath/html/body/div(1)/header/dl...	
	Click Element	xpath/html/body/div(1)/header/dl...	
	Input Text	//%id~limited-availability-trunc...	
	Click Element	xpath/html/body/div(1)/header/dl...	
	Sleep	20	
	Close Browser		
	Log	Test Completed	

