



Report for Lab Tasks- Selenium IDE:

Course Code: CSE430

Course Title: Software Testing & Quality Assurance

Section: 01

Submitted To:

Dr. Shamim H Ripon
Professor
Department of Computer Science & Engineering

Submitted By:

Umme Mukaddisa
ID: 2022-3-60-317

Lab Task-01: (Wikipedia Search Test)

Solution:

Steps to do the testing:

- Enter the URL.
- Type “Alan Turing” & click Search.
- Use assertTitle to verify “Alan Turing - Wikipedia”.

https://www.wikipedia.org			
	Command	Target	Value
1	open	/	
2	set window size	801x816	
3	type	id=searchInput	Alan Turing
4	click	css=.active .suggestion-description	
5	close		

Log	Reference	✖
Running 'Test-01'		20:21:02
1. open on / OK		20:21:02
2. setWindowSize on 801x816 OK		20:21:02
3. type on id=searchInput with value Alan Turing OK		20:21:02
4. Trying to find css=.active .suggestion-description... OK		20:21:22
5. close OK		20:21:23
'Test-01' completed successfully		20:21:23

Lab Task-02: (Dropdown Test on Booking.com)

Solution:

Steps to do the testing:

- Enter the URL.
- Open [Booking.com](#).
- Type “Dhaka” in the search box.
- Select “Dhaka” from suggestions.

https://www.booking.com		
	Command	Target
1	✓ open	/
2	✓ set window size	1536x703
3	✓ click	css=.de576f5064 > .fc70cba028:nth-child(1) > svg
4	✓ mouse down at	id=:R19amr5: 32.19999694824219,17.600006103515625
5	✓ mouse move at	id=:R19amr5: 32.19999694824219,17.600006103515625
6	✓ mouse up at	id=:R19amr5: 32.19999694824219,17.600006103515625
7	✓ click	id=:R19amr5:
8	✓ type	Dhaka
9	✓ send keys	\${KEY_ENTER}

Log	Reference	X
Running 'booking dropdown'		18:17:34
1. open on / OK		18:17:34
2. setWindowSize on 1536x703 OK		18:17:34
3. click on css=.de576f5064 > .fc70cba028:nth-child(1) > svg OK		18:17:34
4. mouseDownAt on id=:R19amr5: with value 32.19999694824219,17.600006103515625 OK		18:17:36
5. mouseMoveAt on id=:R19amr5: with value 32.19999694824219,17.600006103515625 OK		18:17:37

```

6. mouseUpAt on id=:R19amr5: with value 32.19999694824219,17.600006103515625 OK      18:17:37
7. click on id=:R19amr5: OK                                         18:17:38
8. type on id=:R19amr5: with value Dhaka OK                         18:17:38
9. sendKeys on id=:R19amr5: with value ${KEY_ENTER} OK             18:17:39
'booking dropdown' completed successfully                           18:17:39

```

Lab Task-03: (Product Add-to-Cart Test)

Solution:

Steps to do the testing:

- Enter the URL.
- Select a category (e.g. Laptops, Tablets, Speakers).
- Click a product.
- Click “Add to Cart”.

<https://advantageonlineshopping.com>

	Command	Target	Value
1	✓ open	/	
2	✓ set window size		1375x704
3	✓ mouse down at	id=tabletsImg	322.33331298828125,194
4	✓ mouse move at	id=tabletsImg	322.33331298828125,194
5	✓ mouse up at	id=tabletsImg	322.33331298828125,194
6	✓ click	id=tabletsImg	
7	✓ click	id=16	
8	✓ click	name=save_to_cart	

Log	Reference	
Running 'AddToCartTest'		19:34:32
1. open on / OK		19:34:32
2. setWindowSize on 1375x704 OK		19:34:32
3. Trying to find id=tabletsImg... OK		19:34:32
4. mouseMoveAt on id=tabletsImg with value 322.33331298828125,194 OK		19:34:39
5. mouseUpAt on id=tabletsImg with value 322.33331298828125,194 OK		19:34:39
6. click on id=tabletsImg OK		19:34:39
7. click on id=16 OK		19:34:39
8. click on name=save_to_cart OK		19:34:42
'AddToCartTest' completed successfully		19:34:45

Lab Task-04 : (Negative Login Validation)

Solution:

Steps to do the testing:

- Enter the URL.
- Enter invalid username in the username field.
- Enter invalid password in the password field.
- Click the Login button.

<https://the-internet.herokuapp.com>

	Command	Target	Value
1	✓ open	/login	
2	✓ set window size	1452x705	
3	✓ click	id=username	
4	✓ type	id=username	wronguser
5	✓ click	id=password	
6	✓ type	id=password	wrongpass
7	✓ mouse down at	css=.fa	31.399993896484375,18.3666687 01171875
8	✓ mouse move at	css=.fa	31.399993896484375,18.3666687 01171875
9	✓ mouse up at	css=.fa	31.399993896484375,18.3666687 01171875
10	✓ click	css=.fa	

Log	Reference	✖
Running 'NegativeLoginTest'		19:44:13
1. open on /login	OK	19:44:14
2. setWindowSize on 1452x705	OK	19:44:14
3. click on id=username	OK	19:44:14
4. type on id=username with value wronguser	OK	19:44:14
5. click on id=password	OK	19:44:15
6. type on id=password with value wrongpass	OK	19:44:15
7. mouseDownAt on css=.fa with value 31.399993896484375,18.366668701171875	OK	19:44:15
8. mouseMoveAt on css=.fa with value 31.399993896484375,18.366668701171875	OK	19:44:15
9. mouseUpAt on css=.fa with value 31.399993896484375,18.366668701171875	OK	19:44:15
10. click on css=.fa	OK	19:44:15
'NegativeLoginTest' completed successfully		19:44:15

Lab Task-05: (Form Submission (DemoQA))

Solution:

Steps to do the testing:

- Enter the URL.
- Fill Out the Form.
- Click Submit.

Selenium IDE Log			
	Command	Target	Value
1	✓ open	/automation-practice-form	
2	✓ set window size	976x708	
3	✓ click	id=firstName	
4	✓ type	id=firstName	umme
5	✓ click	id=lastName	
6	✓ type	id=lastName	muqaddisa
7	✓ click	id=userEmail	
8	✓ type	id=userEmail	umme@gmail.com
9	✓ click	css=.custom-radio:nth-child(2) > .custom-control-label	
10	✓ click	css=.custom-radio:nth-child(2) > .custom-control-label	
11	✓ double click	css=.custom-radio:nth-child(2) > .custom-control-label	
12	✓ click	id=userNumber	
13	✓ type	id=userNumber	0182890596
14	✓ click	id=submit	
15	✓ mouse over	id=submit	
16	✓ mouse out	id=submit	

Log	Reference	
Running 'FormSubmissionTest'		23:04:53
1. open on /automation-practice-form OK		23:04:53
2. setWindowSize on 976x708 OK		23:04:53
3. click on id=firstName OK		23:04:54
4. type on id=firstName with value umme OK		23:04:56
5. click on id=lastName OK		23:04:56
6. type on id=lastName with value muqaddisa OK		23:04:56
7. click on id=userEmail OK		23:04:57
8. type on id=userEmail with value umme@gmail.com OK		23:04:57
9. click on css=.custom-radio:nth-child(2) > .custom-control-label OK		23:04:57
10. click on css=.custom-radio:nth-child(2) > .custom-control-label OK		23:04:58
11. doubleClick on css=.custom-radio:nth-child(2) > .custom-control-label OK		23:04:58
12. click on id=userNumber OK		23:04:58
13. type on id=userNumber with value 0182890596 OK		23:04:58
14. click on id=submit OK		23:04:58
15. mouseOver on id=submit OK		23:04:58
16. mouseOut on id=submit OK		23:04:58
'FormSubmissionTest' completed successfully		23:04:59

Lab Task-06: (Responsive Navigation (W3Schools))

Solution:

Steps to do the testing:

- Enter the URL.
- Choose JavaScript from the menu.
- Click JS Examples.

https://www.w3schools.com

	Command	Target	Value
1	✓ open	/	
2	✓ set window size	1417x512	
3	✓ click	linkText=JAVASCRIPT	
4	✓ run script	window.scrollTo(0,0)	
5	✓ mouse over	linkText=JS Examples	
6	✓ mouse down at	linkText=JS Examples	163,13
7	✓ mouse move at	linkText=JS Examples	163,13
8	✓ mouse up at	linkText=JS Examples	163,13
9	✓ click	linkText=JS Examples	

Log	Reference	✖
Running 'ResponsiveNavigationTest'		23:46:43
1. open on / OK		23:46:44
2. setWindowSize on 1417x512 OK		23:46:44
3. click on linkText=JAVASCRIPT OK		23:46:44
4. runScript on window.scrollTo(0,0) OK		23:46:45
5. mouseOver on linkText=JS Examples OK		23:46:45
6. mouseDownAt on linkText=JS Examples with value 163,13 OK		23:46:46
7. mouseMoveAt on linkText=JS Examples with value 163,13 OK		23:46:46
8. mouseUpAt on linkText=JS Examples with value 163,13 OK		23:46:47
9. click on linkText=JS Examples OK		23:46:47
'ResponsiveNavigationTest' completed successfully		23:46:48

Lab Task-07: (File Upload Automation)

Solution:

Steps to do the testing:

- Enter the URL.
- Choose a File (The file has already been created named as “TextFile.txt”).
- Upload the File.

File upload tests are always partially recorded & partially edited due to the security purpose of browser.

→ This is the recording following the given steps without running it

https://the-internet.herokuapp.com			
	Command	Target	Value
1	open	/upload	
2	set window size	1056x661	
3	click	id=file-upload	
4	type	id=file-upload	C:\fakepath\TextFile.txt.txt
5	click	id=file-submit	

→ This is after running the test

https://the-internet.herokuapp.com			
	Command	Target	Value
1	✓ open	/upload	
2	✓ set window size	1056x661	
3	✓ click	id=file-upload	
4	X type	id=file-upload	C:\fakepath\TextFile.txt.txt
5	click	id=file-submit	

Log	Reference	
Running 'FileUploadAutomationTest'		11:48:11
1. open on /upload OK		11:48:11
2. setWindowSize on 1056x661 OK		11:48:11
3. click on id=file-upload OK		11:48:11
4. type on id=file-upload with value C:\fakepath\TextFile.txt.txt Failed: File uploading is only supported in Chrome at this time		11:48:13
'FileUploadAutomationTest' ended with 1 error(s)		11:48:13

The test failed because browsers do not allow Selenium IDE to record file selection for security reasons.

The following steps has been done next:

- Record the test.
- Manually fix the file upload step.
- Replace **fake path with real path.**

→ After editing the erroneous test by replacing the fake path with real path:

https://the-internet.herokuapp.com		
Command	Target	Value
1 ✓ <i>open</i>	/upload	
2 ✓ <i>set window size</i>	1056x661	
3 ✓ <i>click</i>	id=file-upload	
4 ✗ <i>type</i>	id=file-upload	C:\Users\ASUS\Desktop\TextFile.txt.txt
5 <i>click</i>	id=file-submit	

Running 'FileUploadAutomation Test' 11:52:39

1. open on /upload **OK** 11:52:40

2. setWindowSize on 1056x661 **OK** 11:52:40

3. click on id=file-upload **OK** 11:52:40

4. type on id=file-upload with value C:\Users\ASUS\Desktop\TextFile.txt.txt **Failed:**
File uploading is only supported in Chrome at this time 11:52:41

'FileUploadAutomation Test' ended with 1 error(s) 11:52:41