

Selenium Lab Assignment

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Course : CSE430

Section : 01

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Test Case 1: Wikipedia Search - *Alan Turing*

Objective: Verify correct Wikipedia page loads.

| Step | Command | Target | Value |
|------|--------------|---|-------------|
| 1 | open | https://www.wikipedia.org | |
| 2 | type | id=searchInput | Alan Turing |
| 3 | click | css=button.pure-button | |
| 4 | waitForTitle | Alan Turing - Wikipedia | 5000 |
| 5 | assertTitle | 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 |

Test Case 2: Dropdown Test – Booking.com (Dhaka)

Objective: Verify city selection from suggestion dropdown.

| Step | Command | Target | Value |
|------|-----------------------|---|-------|
| 1 | open | https://www.booking.com | |
| 2 | type | name=ss | Dhaka |
| 3 | waitForElementVisible | css=li[data-i="0"] | 5000 |
| 4 | click | css=li[data-i="0"] | |
| 5 | assertValue | name=ss | Dhaka |

Expected Result: "Dhaka" is selected in search box

https://www.booking.com

| | Command | Target | Value |
|---|-------------------|--|--------------------------------------|
| 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 | id=:R19amr5: | Dhaka |
| 9 | ✓ send keys | id=:R19amr5: | }\${KEY_ENTER} |

Log Reference ✖

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

Test Case 3: Product Add-to-Cart – Advantage Shopping

Objective: Verify product added to cart.

| Step | Command | Target | Value |
|------|-----------------------|---|-------|
| 1 | open | https://advantageonlineshopping.com | |
| 2 | click | id=speakersImg | |
| 3 | click | css=a.productName | |
| 4 | click | name=save_to_cart | |
| 5 | waitForElementVisible | css=span.cart | 5000 |
| 6 | verifyElementPresent | css=span.cart | |

Expected Result: Cart icon updates

| 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 | X |
|--|-----------|----------|
| 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 |

Test Case 4: Negative Login Validation

Objective: Validate error message for invalid login.

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 | 31.399993896484375,18.366668701171875 |
| 8 | ✓ mouse move at | css=.fa | 31.399993896484375,18.366668701171875 |
| 9 | ✓ mouse up at | css=.fa | 31.399993896484375,18.366668701171875 |
| 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 |

Test Case 5: Form Submission – DemoQA

Objective: Verify form submission modal.

| Test Case 5: Form Submission – DemoQA | | | |
|---------------------------------------|-------------------|--|----------------|
| | 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 | X |
|--|-----------|----------|
| Running 'FormSubmission Test' | | 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 |
| 'FormSubmission Test' completed successfully | | 23:04:59 |

Test Case 6: Responsive Navigation – W3Schools

| https://www.w3schools.com | | | |
|---------------------------|--------------------------------|----------------------|--------|
| | Command | Target | Value |
| 1 | ✓ <code>open</code> | / | |
| 2 | ✓ <code>set window size</code> | 1417x512 | |
| 3 | ✓ <code>click</code> | linkText=JAVASCRIPT | |
| 4 | ✓ <code>run script</code> | window.scrollTo(0,0) | |
| 5 | ✓ <code>mouse over</code> | linkText=JS Examples | |
| 6 | ✓ <code>mouse down at</code> | linkText=JS Examples | 163,13 |
| 7 | ✓ <code>mouse move at</code> | linkText=JS Examples | 163,13 |
| 8 | ✓ <code>mouse up at</code> | linkText=JS Examples | 163,13 |
| 9 | ✓ <code>click</code> | 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 |

Test Case 7: File Upload Automation

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.

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

| 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:\Users\ASUS\Desktop\TextFile.txt.txt |
| 5 | click | id=file-submit | |

Running 'FileUploadAutomationTest'

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

'FileUploadAutomationTest' ended with 1 error(s)

11:52:41