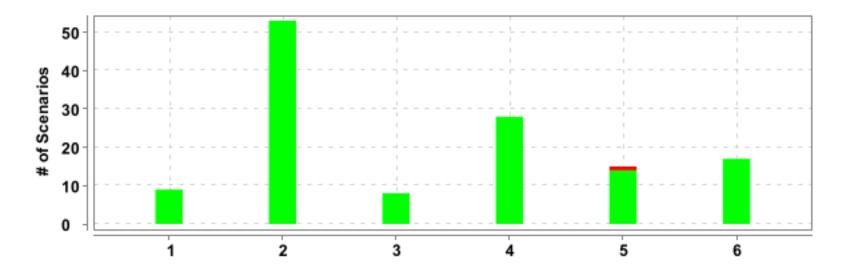


| Feature                   | <b>Feature</b> |    | Scenario |   |   |     | Step |   |   |  |  |
|---------------------------|----------------|----|----------|---|---|-----|------|---|---|--|--|
| Name                      | Duration       | T  | P        | F | S | T   | P    | F | S |  |  |
| Home Page                 | 1 m 27.822 s   | 9  | 9        | 0 | 0 | 35  | 35   | 0 | 0 |  |  |
| Linked List Functionality | 8 m 59.208 s   | 53 | 53       | 0 | 0 | 316 | 316  | 0 | 0 |  |  |
| Login Functionality       | 6 m 19.153 s   | 8  | 8        | 0 | 0 | 43  | 43   | 0 | 0 |  |  |
| Queue Module              | 7 m 31.976 s   | 28 | 28       | 0 | 0 | 164 | 164  | 0 | 0 |  |  |
| Register Page             | 4 m 10.102 s   | 15 | 14       | 1 | 0 | 74  | 73   | 1 | 0 |  |  |
| Stack Module              | 2 m 40.799 s   | 17 | 17       | 0 | 0 | 101 | 101  | 0 | 0 |  |  |

FAIL & SKIP SCENARIOS -- 3 --

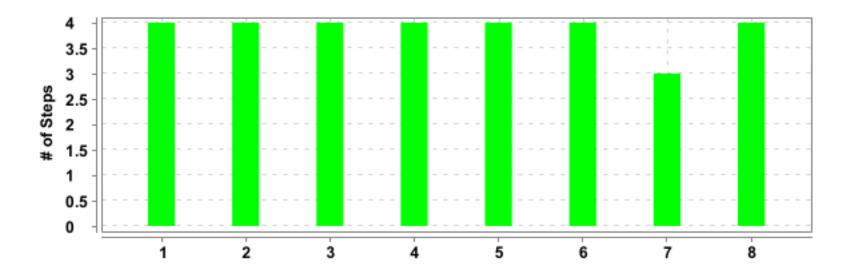
| # | Feature Name  | Scenario Name  |
|---|---------------|--|
| 1 | Register Page | Verify that the user is able to naviagte to home page with the message |

FEATURES SUMMARY



| # | Feature Name              | T  | P  | F | S | Duration     |
|---|---------------------------|----|----|---|---|--------------|
| 1 | Home Page                 | 9  | 9  | 0 | 0 | 1 m 27.822 s |
| 2 | Linked List Functionality | 53 | 53 | 0 | 0 | 8 m 59.208 s |
| 3 | Login Functionality       | 8  | 8  | 0 | 0 | 6 m 19.153 s |
| 4 | Queue Module              | 28 | 28 | 0 | 0 | 7 m 31.976 s |
| 5 | Register Page             | 15 | 14 | 1 | 0 | 4 m 10.102 s |
| 6 | Stack Module              | 17 | 17 | 0 | 0 | 2 m 40.799 s |

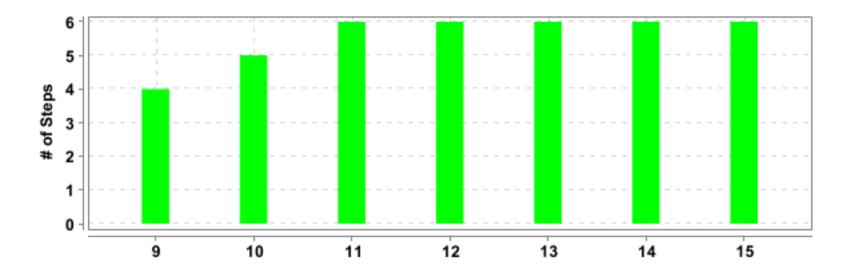
SCENARIOS SUMMARY



| # | Feature Name | Scenario Name  | T | P | F | S | Duration     |
|---|--------------|--|---|---|---|---|--------------|
| 1 | Home Page    | Verify warning message when selecting Arrays without signing in      | 4 | 4 | 0 | 0 | 1 m 23.424 s |
| 2 |              | Verify warning message when selecting Graph without signing in       | 4 | 4 | 0 | 0 | 1 m 27.728 s |
| 3 |              | Verify that the user stays on the same page when clicking elsewhere  | 4 | 4 | 0 | 0 | 50.235 s     |
| 4 |              | Verify warning message when selecting Queue without signing in       | 4 | 4 | 0 | 0 | 1 m 1.433 s  |
| 5 |              | Verify warning message when selecting Linked List without signing in | 4 | 4 | 0 | 0 | 59.623 s     |
| 6 |              | Verify warning message when selecting Tree without signing<br>in     | 4 | 4 | 0 | 0 | 49.997 s     |
| 7 |              | Verify that the user is able to navigate to the home page            | 3 | 3 | 0 | 0 | 1 m 23.103 s |

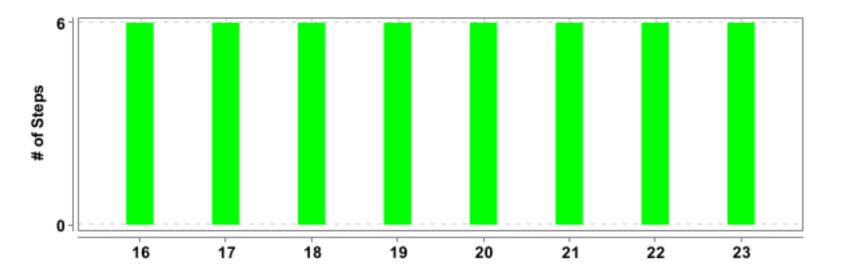
| # | Feature Name | Scenario Name  | T | P | F | S | Duration    |
|---|--------------|--|---|---|---|---|-------------|
| 8 |              | Verify that the user can view Data Structures dropdown | 4 | 4 | 0 | 0 | 1 m 1.774 s |
|   |              | options without signing in                             |   |   |   |   |             |

SCENARIOS SUMMARY -- 7 --



| #  | Feature Name                     | Scenario Name   | T | P | F | S | Duration     |
|----|----------------------------------|---|---|---|---|---|--------------|
| 9  | Home Page                        | Verify warning message when selecting Stack without signing in                          | 4 | 4 | 0 | 0 | 1 m 3.273 s  |
| 10 | <u>Linked List Functionality</u> | Verify that the user is able to click on Get Started button under Linked List section   | 5 | 5 | 0 | 0 | 1 m 24.019 s |
| 11 |                                  | Verify that the Introduction link is enabled in the Linked List page                    | 6 | 6 | 0 | 0 | 52.109 s     |
| 12 |                                  | Verify that the Creating Linked List link is enabled in the Linked List page            | 6 | 6 | 0 | 0 | 49.896 s     |
| 13 |                                  | Verify that the Types of Linked List link is enabled in the Linked List page            | 6 | 6 | 0 | 0 | 1 m 1.591 s  |
| 14 |                                  | Verify that the Implement Linked List in Python link is enabled in the Linked List page | 6 | 6 | 0 | 0 | 1 m 1.550 s  |
| 15 |                                  | Verify that the Traversal link is enabled in the Linked List page                       | 6 | 6 | 0 | 0 | 53.038 s     |

SCENARIOS SUMMARY -- 8 --

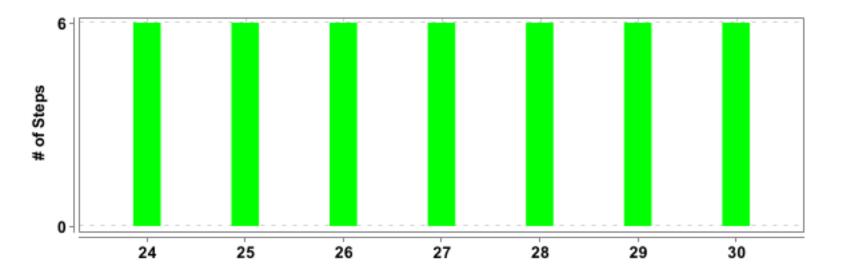


| #  | Feature Name              | Scenario Name  | T | P | F | S | Duration     |
|----|---------------------------|--|---|---|---|---|--------------|
| 16 | Linked List Functionality | Verify that the Insertion link is enabled in the Linked List page  | 6 | 6 | 0 | 0 | 58.941 s     |
| 17 |                           | Verify that the Deletion link is enabled in the Linked List page   | 6 | 6 | 0 | 0 | 51.025 s     |
| 18 |                           | Verify that the user is able to navigate to Introduction page  | 6 | 6 | 0 | 0 | 1 m 0.389 s  |
| 19 |                           | Verify that the user is able to navigate to Try Here >>> page for Introduction page  | 6 | 6 | 0 | 0 | 55.490 s     |
| 20 |                           | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Introduction * | 6 | 6 | 0 | 0 | 1 m 9.488 s  |
| 21 |                           | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Introduction * | 6 | 6 | 0 | 0 | 1 m 12.186 s |
| 22 |                           | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Introduction * | 6 | 6 | 0 | 0 | 1 m 9.209 s  |

<sup>\*</sup> The feature name and/or scenario name has been cropped to fit in the available space.

| #  | Feature Name | Scenario Name   | T | P | F | S | Duration    |
|----|--------------|---|---|---|---|---|-------------|
| 23 |              | Verify that the user is able to navigate to Introduction page | 6 | 6 | 0 | 0 | 1 m 9.325 s |
|    |              | after clicking <- in the Try Editor window                    |   |   |   |   |             |

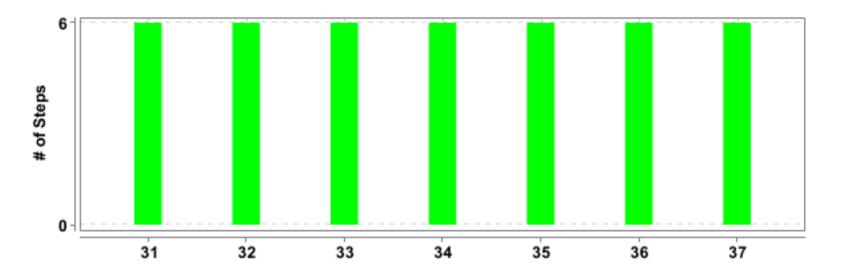
SCENARIOS SUMMARY -- 10 --



| #  | Feature Name              | Scenario Name   | T | P | F | S | Duration     |
|----|---------------------------|---|---|---|---|---|--------------|
| 24 | Linked List Functionality | Verify that the user is able to navigate to Creating Linked <u>List page</u>  | 6 | 6 | 0 | 0 | 1 m 18.999 s |
| 25 |                           | Verify that the user is able to navigate to Try Here >>> page for Creating Linked List page                                   | 6 | 6 | 0 | 0 | 1 m 19.965 s |
| 26 |                           | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Creating *  | 6 | 6 | 0 | 0 | 1 m 30.690 s |
| 27 |                           | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Creating *  | 6 | 6 | 0 | 0 | 1 m 27.982 s |
| 28 |                           | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Creating *  | 6 | 6 | 0 | 0 | 1 m 22.905 s |
| 29 |                           | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Implement * | 6 | 6 | 0 | 0 | 1 m 16.404 s |
| 30 |                           | Verify that the user is able to navigate to Creating Linked List page after clicking <- in the Try Editor window              | 6 | 6 | 0 | 0 | 1 m 19.429 s |

<sup>\*</sup> The feature name and/or scenario name has been cropped to fit in the available space.

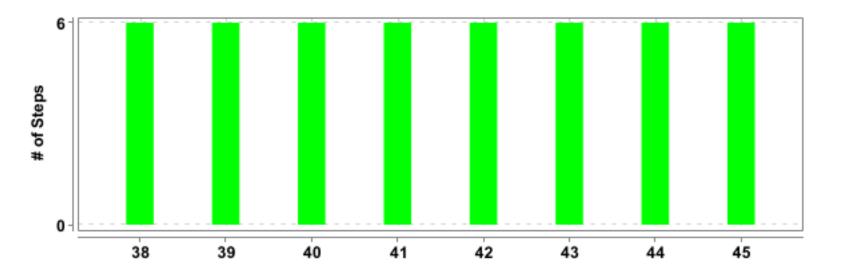
SCENARIOS SUMMARY -- 11 --



| #  | Feature Name              | Scenario Name   | T | P | F | S | Duration     |
|----|---------------------------|---|---|---|---|---|--------------|
| 31 | Linked List Functionality | Verify that the user is able to navigate to Types of Linked <u>List page</u>  | 6 | 6 | 0 | 0 | 1 m 4.104 s  |
| 32 |                           | Verify that the user is able to navigate to Try Here >>> page for Types of Linked List page                                   | 6 | 6 | 0 | 0 | 1 m 5.210 s  |
| 33 |                           | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Types of *  | 6 | 6 | 0 | 0 | 1 m 6.337 s  |
| 34 |                           | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Types of *  | 6 | 6 | 0 | 0 | 56.640 s     |
| 35 |                           | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Types of *  | 6 | 6 | 0 | 0 | 58.974 s     |
| 36 |                           | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Traversal * | 6 | 6 | 0 | 0 | 1 m 10.821 s |
| 37 |                           | Verify that the user is able to navigate to Types of Linked List page after clicking <- in the Try Editor window              | 6 | 6 | 0 | 0 | 57.602 s     |

<sup>\*</sup> The feature name and/or scenario name has been cropped to fit in the available space.

SCENARIOS SUMMARY -- 12 --

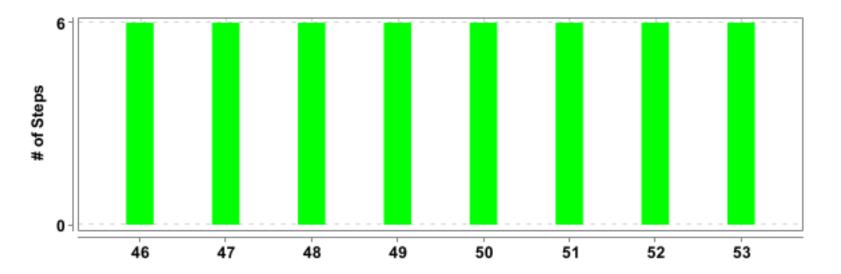


| #  | Feature Name              | Scenario Name   | T | P | F | S | Duration     |
|----|---------------------------|---|---|---|---|---|--------------|
| 38 | Linked List Functionality | Verify that the user is able to navigate to Implement Linked List in Python page  | 6 | 6 | 0 | 0 | 48.976 s     |
| 39 |                           | Verify that the user is able to navigate to Try Here >>> page for Implement Linked List in Python page                        | 6 | 6 | 0 | 0 | 1 m 10.191 s |
| 40 |                           | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Implement * | 6 | 6 | 0 | 0 | 1 m 13.317 s |
| 41 |                           | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Implement * | 6 | 6 | 0 | 0 | 1 m 8.443 s  |
| 42 |                           | Verify that the user is able to navigate to Implement Linked List in Python page after clicking <- in the Try Editor window   | 6 | 6 | 0 | 0 | 1 m 17.672 s |
| 43 |                           | Verify that the user is able to navigate to Traversal page  | 6 | 6 | 0 | 0 | 1 m 26.589 s |
| 44 |                           | Verify that the user is able to navigate to Try Here >>> page for Traversal page  | 6 | 6 | 0 | 0 | 1 m 22.010 s |

<sup>\*</sup> The feature name and/or scenario name has been cropped to fit in the available space.

| #  | Feature Name | Scenario Name   | T | P | F | S | Duration     |
|----|--------------|---|---|---|---|---|--------------|
| 45 |              | Verify that the user is able to see output for valid, invalid and | 6 | 6 | 0 | 0 | 1 m 11.631 s |
|    |              | incorrect syntax Python code is entered for the Traversal *       |   |   |   |   |              |

SCENARIOS SUMMARY -- 14 --

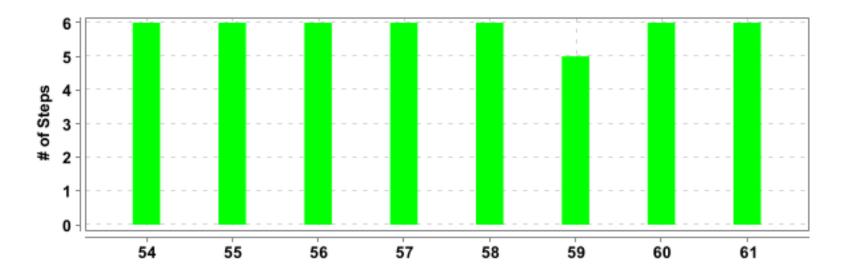


| #  | Feature Name              | Scenario Name   | T | P | F | S | Duration    |
|----|---------------------------|---|---|---|---|---|-------------|
| 46 | Linked List Functionality | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Traversal * | 6 | 6 | 0 | 0 | 1 m 6.884 s |
| 47 |                           | Verify that the user is able to navigate to Traversal page after clicking <- in the Try Editor window                         | 6 | 6 | 0 | 0 | 51.141 s    |
| 48 |                           | Verify that the user is able to navigate to Insertion page  | 6 | 6 | 0 | 0 | 1 m 2.735 s |
| 49 |                           | Verify that the user is able to navigate to Try Here >>> page for Insertion page  | 6 | 6 | 0 | 0 | 59.673 s    |
| 50 |                           | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Insertion * | 6 | 6 | 0 | 0 | 1 m 1.226 s |
| 51 |                           | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Insertion * | 6 | 6 | 0 | 0 | 52.371 s    |
| 52 |                           | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Insertion * | 6 | 6 | 0 | 0 | 50.819 s    |

<sup>\*</sup> The feature name and/or scenario name has been cropped to fit in the available space.

| #  | Feature Name | Scenario Name  | T | P | F | S | Duration     |
|----|--------------|--|---|---|---|---|--------------|
| 53 |              | Verify that the user is able to navigate to Insertion page after | 6 | 6 | 0 | 0 | 1 m 16.855 s |
|    |              | clicking <- in the Try Editor window                             |   |   |   |   |              |

SCENARIOS SUMMARY -- 16 --

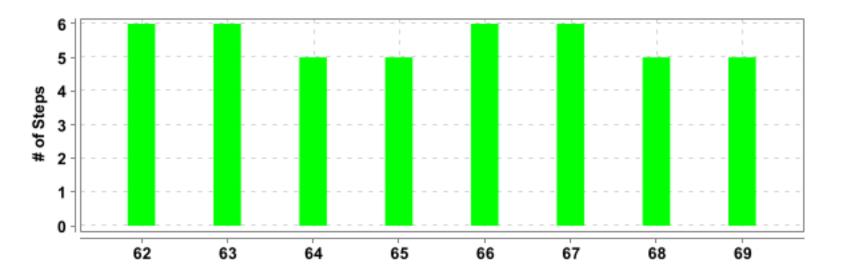


| #  | Feature Name              | Scenario Name   | T | P | F | S | Duration     |
|----|---------------------------|---|---|---|---|---|--------------|
| 54 | Linked List Functionality | Verify that the user is able to navigate to Deletion page   | 6 | 6 | 0 | 0 | 1 m 10.320 s |
| 55 |                           | Verify that the user is able to navigate to Try Here >>> page for Deletion page   | 6 | 6 | 0 | 0 | 1 m 25.231 s |
| 56 |                           | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Deletion page | 6 | 6 | 0 | 0 | 1 m 32.659 s |
| 57 |                           | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Deletion page | 6 | 6 | 0 | 0 | 1 m 12.186 s |
| 58 |                           | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Deletion page | 6 | 6 | 0 | 0 | 1 m 18.614 s |
| 59 |                           | Verify user receives error message for Invalid Username and Password during Login   | 5 | 5 | 0 | 0 | 50.340 s     |
| 60 |                           | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the *             | 6 | 6 | 0 | 0 | 1 m 12.650 s |

<sup>\*</sup> The feature name and/or scenario name has been cropped to fit in the available space.

| #  | Feature Name | Scenario Name   | T | P | F | S | Duration     |
|----|--------------|---|---|---|---|---|--------------|
| 61 |              | Verify that the user is able to navigate to Deletion page after | 6 | 6 | 0 | 0 | 1 m 18.426 s |
|    |              | clicking <- in the Try Editor window                            |   |   |   |   |              |

SCENARIOS SUMMARY -- 18 --

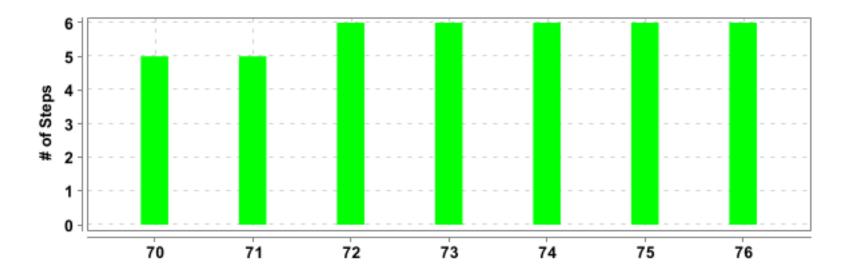


| #  | Feature Name              | Scenario Name   | T | P | F | S | Duration     |
|----|---------------------------|---|---|---|---|---|--------------|
| 62 | Linked List Functionality | Verify whether the user is able to navigate to Practice  Questions page after clicking Practice Questions link in the * | 6 | 6 | 0 | 0 | 1 m 23.568 s |
| 63 | Login Functionality       | Verify user enters username and password fields   | 6 | 6 | 0 | 0 | 1 m 5.515 s  |
| 64 |                           | Verify user receives error message when username and password fields are blank during Login                             | 5 | 5 | 0 | 0 | 1 m 1.593 s  |
| 65 |                           | Verify user receives error message when username and password fields are blank during Login                             | 5 | 5 | 0 | 0 | 54.587 s     |
| 66 |                           | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the *     | 6 | 6 | 0 | 0 | 1 m 24.245 s |
| 67 |                           | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the *     | 6 | 6 | 0 | 0 | 1 m 33.245 s |
| 68 |                           | Verify that the user is able to enter username in the username field  | 5 | 5 | 0 | 0 | 46.957 s     |

<sup>\*</sup> The feature name and/or scenario name has been cropped to fit in the available space.

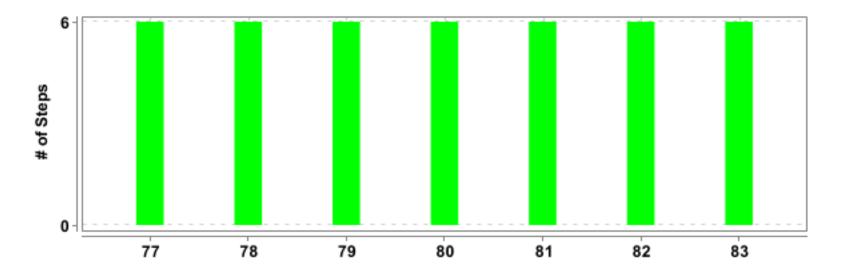
| #  | Scenario Name  | T | P | F | S | Duration    |
|----|--|---|---|---|---|-------------|
| 69 | Verify that the user is able to get an error message | 5 | 5 | 0 | 0 | 1 m 6.117 s |

SCENARIOS SUMMARY -- 20 --



| #  | Feature Name        | Scenario Name  | T | P | F | S | Duration    |
|----|---------------------|--|---|---|---|---|-------------|
| 70 | Login Functionality | Verify user receives error message for Invalid Username and Password during Login        | 5 | 5 | 0 | 0 | 53.723 s    |
| 71 | Queue Module        | Verify that the user is able to click on Get Started button under Queue section          | 5 | 5 | 0 | 0 | 54.419 s    |
| 72 |                     | Verify that the Implementation of Queue in Python link is enabled in the Queue page      | 6 | 6 | 0 | 0 | 50.104 s    |
| 73 |                     | Verify that the Implementation using collections.deque link is enabled in the Queue page | 6 | 6 | 0 | 0 | 1 m 3.728 s |
| 74 |                     | Verify that the Implementation using Array link is enabled in the Queue page             | 6 | 6 | 0 | 0 | 1 m 2.966 s |
| 75 |                     | Verify that the Queue Operations link is enabled in the Queue page                       | 6 | 6 | 0 | 0 | 1 m 3.630 s |
| 76 |                     | Verify that the user is able to navigate to Implementation of Queue in Python page       | 6 | 6 | 0 | 0 | 1 m 9.491 s |

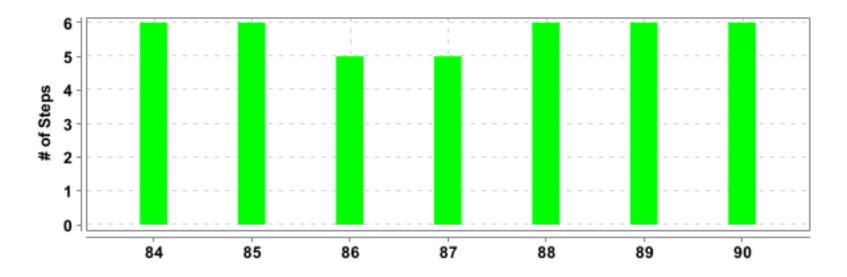
SCENARIOS SUMMARY -- 21 --



| #  | Feature Name | Scenario Name   | T | P | F | S | Duration     |
|----|--------------|---|---|---|---|---|--------------|
| 77 | Queue Module | Verify that the user is able to navigate to Try Here >>> page for Implementation of Queue in Python page            | 6 | 6 | 0 | 0 | 1 m 5.086 s  |
| 78 |              | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the * | 6 | 6 | 0 | 0 | 1 m 24.555 s |
| 79 |              | Verify that the user is able to navigate to Implementation using collections.deque in Python page                   | 6 | 6 | 0 | 0 | 1 m 9.517 s  |
| 80 |              | Verify that the user is able to navigate to Try Here >>> page for Implementation using collections.deque page       | 6 | 6 | 0 | 0 | 1 m 5.458 s  |
| 81 |              | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the * | 6 | 6 | 0 | 0 | 1 m 14.136 s |
| 82 |              | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the * | 6 | 6 | 0 | 0 | 1 m 7.582 s  |
| 83 |              | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the * | 6 | 6 | 0 | 0 | 1 m 13.701 s |

<sup>\*</sup> The feature name and/or scenario name has been cropped to fit in the available space.

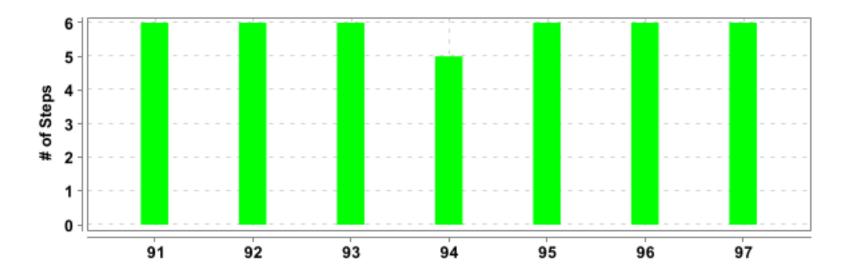
SCENARIOS SUMMARY -- 22 --



| #  | Feature Name | Scenario Name  | T | P | F | S | Duration     |
|----|--------------|--|---|---|---|---|--------------|
| 84 | Queue Module | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Queue *        | 6 | 6 | 0 | 0 | 1 m 1.935 s  |
| 85 |              | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Queue *        | 6 | 6 | 0 | 0 | 1 m 18.889 s |
| 86 |              | Verify that the user is able to get an error message when username (with special characters other than @) in the *               | 5 | 5 | 0 | 0 | 41.135 s     |
| 87 |              | Verify that the user is able to get a pop-up message when username, password and password confirmation field are *               | 5 | 5 | 0 | 0 | 1 m 17.545 s |
| 88 |              | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Operations *   | 6 | 6 | 0 | 0 | 59.649 s     |
| 89 |              | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Applications * | 6 | 6 | 0 | 0 | 38.565 s     |
| 90 |              | Verify that the user is able to navigate to Implementation using Array page  | 6 | 6 | 0 | 0 | 1 m 14.939 s |

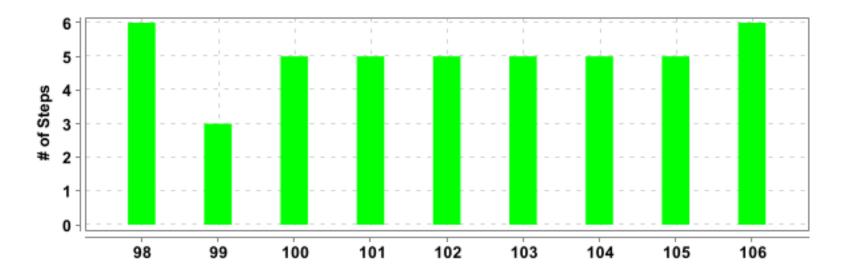
<sup>\*</sup> The feature name and/or scenario name has been cropped to fit in the available space.

SCENARIOS SUMMARY -- 23 --



| #  | Feature Name | Scenario Name   | T | P | F | S | Duration     |
|----|--------------|---|---|---|---|---|--------------|
| 91 | Queue Module | Verify that the user is able to navigate to Try Here >>> page for Implementation using Array page                         | 6 | 6 | 0 | 0 | 1 m 11.553 s |
| 92 |              | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the *       | 6 | 6 | 0 | 0 | 1 m 16.694 s |
| 93 |              | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the *       | 6 | 6 | 0 | 0 | 1 m 32.619 s |
| 94 |              | Verify that the user is able to enter username in the username field  | 5 | 5 | 0 | 0 | 53.871 s     |
| 95 |              | Verify that the user is able to navigate to Queue Operations  page  | 6 | 6 | 0 | 0 | 1 m 14.638 s |
| 96 |              | Verify that the user is able to navigate to Try Here >>> page for Queue Operations page                                   | 6 | 6 | 0 | 0 | 1 m 14.652 s |
| 97 |              | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Queue * | 6 | 6 | 0 | 0 | 1 m 25.433 s |

<sup>\*</sup> The feature name and/or scenario name has been cropped to fit in the available space.

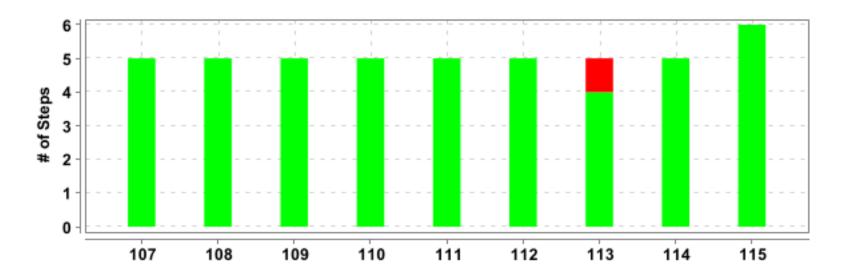


| #        | Feature Name  | Scenario Name  | T | P | F | S | Duration     |
|----------|---------------|--|---|---|---|---|--------------|
| 98       | Queue Module  | Verify that user is able to navigate to Practice Questions for operations in Queue Page                            | 6 | 6 | 0 | 0 | 1 m 15.294 s |
| 99       | Register Page | Verify that the user is able to navigate to the home page  | 3 | 3 | 0 | 0 | 1 m 11.066 s |
| 10-<br>0 |               | Verify that User is able to launch ds-algo portal  | 5 | 5 | 0 | 0 | 1 m 4.013 s  |
| 10-<br>1 |               | Verify that the user is able to enter username in the username field   | 5 | 5 | 0 | 0 | 56.179 s     |
| 10-<br>2 |               | Verify that the user is able to enter username in the username field   | 5 | 5 | 0 | 0 | 54.458 s     |
| 10-<br>3 |               | Verify that the user is able to enter password in the field  | 5 | 5 | 0 | 0 | 40.107 s     |
| 10-<br>4 |               | Verify that the user is able to get an error message when username (with special characters other than @) in the * | 5 | 5 | 0 | 0 | 55.734 s     |

<sup>\*</sup> The feature name and/or scenario name has been cropped to fit in the available space.

| #        | Feature Name | Scenario Name  | T | P | F | S | Duration     |
|----------|--------------|--|---|---|---|---|--------------|
| 10-<br>5 |              | Verify that the user is able to get a pop-up message when username, password and password confirmation field are *             | 5 | 5 | 0 | 0 | 1 m 16.836 s |
| 10-<br>6 |              | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Operations * | 6 | 6 | 0 | 0 | 1 m 3.481 s  |

SCENARIOS SUMMARY -- 26 --

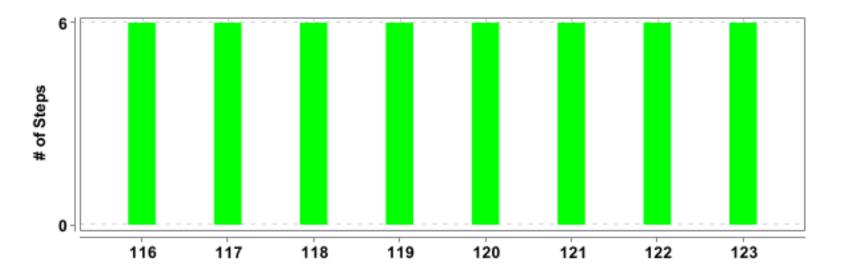


| #        | Feature Name  | Scenario Name  | T | P | F | S | Duration     |
|----------|---------------|--|---|---|---|---|--------------|
| 10-<br>7 | Register Page | Verify that the user is able to enter password in the field  | 5 | 5 | 0 | 0 | 50.555 s     |
| 10-<br>8 |               | Verify that the user is able to enter password in the field  | 5 | 5 | 0 | 0 | 56.223 s     |
| 10-<br>9 |               | Verify that the user is able to enter password in the field  | 5 | 5 | 0 | 0 | 54.179 s     |
| 11-<br>0 |               | Verify that the user is able to get an error message   | 5 | 5 | 0 | 0 | 54.975 s     |
| 11-<br>1 |               | Verify that the user is able to get an error message   | 5 | 5 | 0 | 0 | 50.551 s     |
| 11-<br>2 |               | Verify that the user is able to get a pop-up message when username, password and password confirmation field are * | 5 | 5 | 0 | 0 | 45.382 s     |
| 11-<br>3 |               | Verify that the user is able to naviagte to home page with the message   | 5 | 4 | 1 | 0 | 1 m 7.780 s  |
| 11-<br>4 | Stack Module  | Verify that the user is able to click on Get Started button under Stack section                                    | 5 | 5 | 0 | 0 | 1 m 22.090 s |

<sup>\*</sup> The feature name and/or scenario name has been cropped to fit in the available space.

| #   | Feature Name | Scenario Name  | T | P | F | S | Duration     |
|-----|--------------|--|---|---|---|---|--------------|
| 11- |              | Verify that the Operations in Stack link is enabled in the | 6 | 6 | 0 | 0 | 1 m 20.549 s |
| 5   |              | Stack page   |   |   |   |   |              |

SCENARIOS SUMMARY -- 28 --

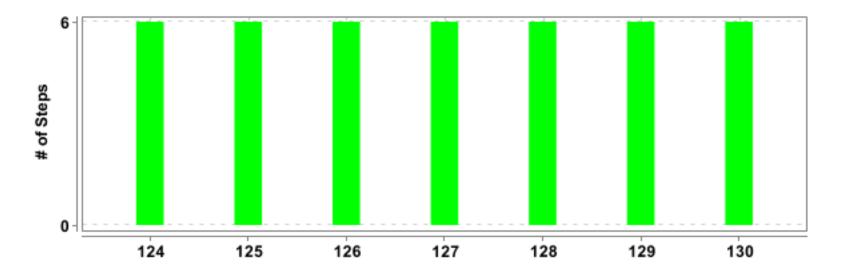


| #        | Feature Name | Scenario Name  | T | P | F | S | Duration     |
|----------|--------------|--|---|---|---|---|--------------|
| 11-<br>6 | Stack Module | Verify that the Implementation link is enabled in the Stack page   | 6 | 6 | 0 | 0 | 1 m 19.863 s |
| 11-<br>7 |              | Verify that the Applications link is enabled in the Stack page   | 6 | 6 | 0 | 0 | 1 m 12.994 s |
| 11-<br>8 |              | Verify that the user is able to navigate to Operations in Stack page   | 6 | 6 | 0 | 0 | 1 m 0.466 s  |
| 11-<br>9 |              | Verify that the user is able to navigate to Try Here >>> page for Operations in Stack page                                     | 6 | 6 | 0 | 0 | 1 m 7.745 s  |
| 12-<br>0 |              | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Operations * | 6 | 6 | 0 | 0 | 1 m 1.486 s  |
| 12-<br>1 |              | Verify that the user is able to navigate to Implementation page  | 6 | 6 | 0 | 0 | 58.765 s     |
| 12-<br>2 |              | Verify that the user is able to navigate to Try Here >>> page for Implementation page  | 6 | 6 | 0 | 0 | 1 m 8.396 s  |

<sup>\*</sup> The feature name and/or scenario name has been cropped to fit in the available space.

| #   | Feature Name | Scenario Name   | T | P | F | S | Duration    |
|-----|--------------|---|---|---|---|---|-------------|
| 12- |              | Verify that the user is able to see output for valid, invalid and | 6 | 6 | 0 | 0 | 1 m 3.766 s |
| 3   |              | incorrect syntax Python code is entered for the *                 |   |   |   |   |             |

SCENARIOS SUMMARY -- 30 -



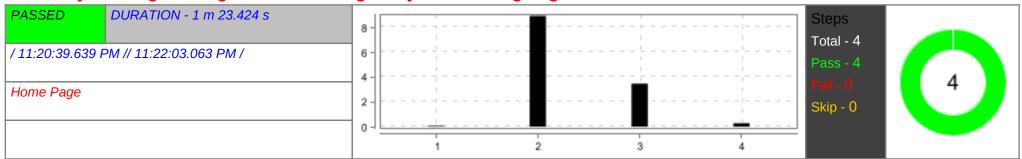
| #        | Feature Name | Scenario Name  | T | P | F | S | Duration     |
|----------|--------------|--|---|---|---|---|--------------|
| 12-<br>4 | Stack Module | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the *              | 6 | 6 | 0 | 0 | 1 m 10.293 s |
| 12-<br>5 |              | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the *              | 6 | 6 | 0 | 0 | 1 m 11.764 s |
| 12-<br>6 |              | Verify that the user is able to navigate to Applications page  | 6 | 6 | 0 | 0 | 1 m 3.132 s  |
| 12-<br>7 |              | Verify that the user is able to navigate to Try Here >>> page for Applications page  | 6 | 6 | 0 | 0 | 1 m 1.163 s  |
| 12-<br>8 |              | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Applications * | 6 | 6 | 0 | 0 | 58.964 s     |
| 12-<br>9 |              | Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Applications * | 6 | 6 | 0 | 0 | 34.496 s     |
| 13-<br>0 |              | Verify that user is able to navigate to Practice Questions for operations in stack Page  | 6 | 6 | 0 | 0 | 38.037 s     |

<sup>\*</sup> The feature name and/or scenario name has been cropped to fit in the available space.

# **Home Page**

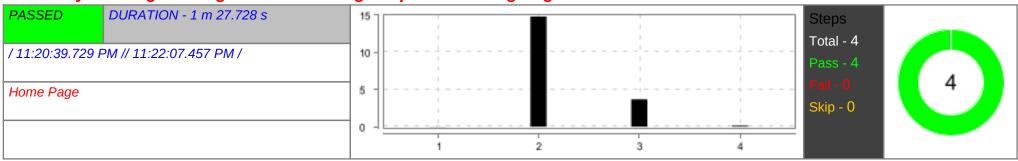
| PASSED            | DURATION - 1 m 27.822 s | Scenarios |     | Steps      |    |
|-------------------|-------------------------|-----------|-----|------------|----|
|                   |                         | Total - 9 |     | Total - 35 |    |
| / 11:20:39.635 PM | // 11:22:07.457 PM /    | Pass - 9  | 9   | Pass - 35  | 35 |
|                   |                         | Fail - 0  | · · | Fail - 0   |    |
|                   |                         | Skip - 0  |     | Skip - 0   |    |
|                   |                         |           |     |            |    |

## Verify warning message when selecting Arrays without signing in



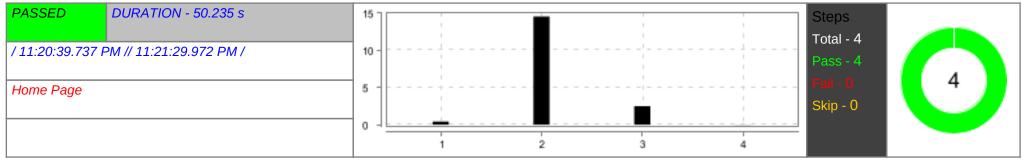
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page                                | PASSED | 0.071 s  |
| 2 | When User clicks the Get Started button                                 | PASSED | 8.928 s  |
| 3 | When User selects Arrays from the dropdown without signing in           | PASSED | 3.469 s  |
| 4 | Then User should be able to see a warning message You are not logged in | PASSED | 0.283 s  |

## Verify warning message when selecting Graph without signing in



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page                                | PASSED | 0.031 s  |
| 2 | When User clicks the Get Started button                                 | PASSED | 14.798 s |
| 3 | When User selects Graph from the dropdown without signing in            | PASSED | 3.681 s  |
| 4 | Then User should be able to see a warning message You are not logged in | PASSED | 0.140 s  |

#### Verify that the user stays on the same page when clicking elsewhere



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page                       | PASSED | 0.409 s  |
| 2 | When User clicks the Get Started button                        | PASSED | 14.534 s |
| 3 | When User clicks on the launch page other than the Get Started | PASSED | 2.495 s  |
| 4 | Then User should stay in the same launch page                  | PASSED | 0.019 s  |

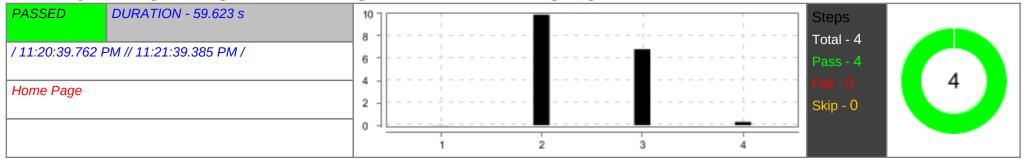
### Verify warning message when selecting Queue without signing in

| PASSED DURATION - 1 m 1.433 s          | 10 Steps       |  |
|--|----------------|--|
| / 11:20:39.748 PM // 11:21:41.181 PM / | 8 - Total - 4  |  |
| / 11.20.33.740 FW // 11.21.41.101 FW / | 6 1 Pass - 4   |  |
| Home Page                              | 4   Fail - 0 4 |  |
|  | Skip - 0       |  |
|  | 1 2 3 4        |  |

| # | Step / Hook Details                      | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page | PASSED | 0.001 s  |
| 2 | When User clicks the Get Started button  | PASSED | 9.508 s  |

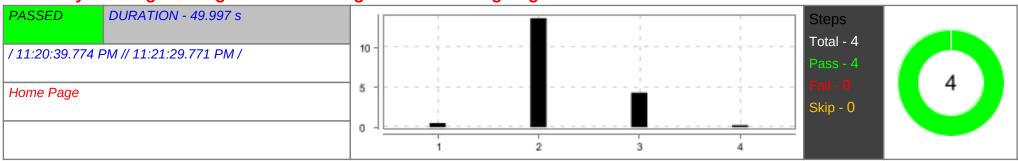
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 3 | When User selects Queue from the dropdown without signing in            | PASSED | 3.521 s  |
| 4 | Then User should be able to see a warning message You are not logged in | PASSED | 0.147 s  |

#### **Verify warning message when selecting Linked List without signing in**



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page                                | PASSED | 0.009 s  |
| 2 | When User clicks the Get Started button                                 | PASSED | 9.896 s  |
| 3 | When User selects Linked List from the dropdown without signing in      | PASSED | 6.805 s  |
| 4 | Then User should be able to see a warning message You are not logged in | PASSED | 0.297 s  |

## Verify warning message when selecting Tree without signing in



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page                                | PASSED | 0.511 s  |
| 2 | When User clicks the Get Started button                                 | PASSED | 13.678 s |
| 3 | When User selects Tree from the dropdown without signing in             | PASSED | 4.339 s  |
| 4 | Then User should be able to see a warning message You are not logged in | PASSED | 0.252 s  |

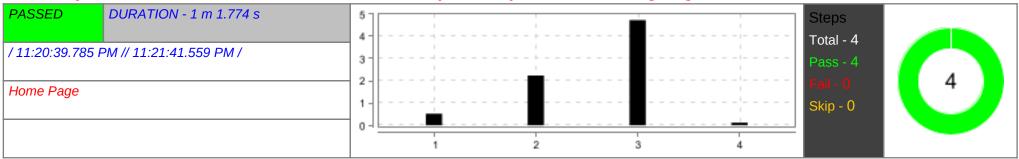
DETAILED SECTION -- 34 --

## Verify that the user is able to navigate to the home page

| PASSED DURATION - 1 m 23.103 s           | 4 T Steps     |   |
|--|---------------|---|
| / 11:20:39.779 PM // 11:22:02.882 PM /   | 3             |   |
| 7 11.20.33.773 T W // 11.22.02.002 T W / | 2- Pass - 3   |   |
| Home Page                                | 1-   Fail - 0 | 3 |
|  | Skip - 0      |   |
|  | 1 2 3         |   |

| # | Step / Hook Details                                   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page              | PASSED | 0.410 s  |
| 2 | When User clicks the Get Started button               | PASSED | 3.145 s  |
| 3 | Then User should be able to navigate to the home page | PASSED | 2.598 s  |

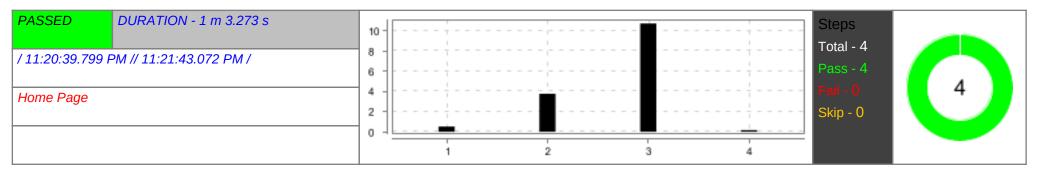
#### Verify that the user can view Data Structures dropdown options without signing in



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page   | PASSED | 0.519 s  |
| 2 | When User clicks the Get Started button  | PASSED | 2.236 s  |
| 3 | When User clicks on the Data Structures dropdown   | PASSED | 4.725 s  |
| 4 | Then User should be able to see the options: Arrays, Linked List, Stack, Queue, Tree, Graph in the dropdown menu | PASSED | 0.115 s  |

Verify warning message when selecting Stack without signing in

DETAILED SECTION -- 35 --



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page                                | PASSED | 0.514 s  |
| 2 | When User clicks the Get Started button                                 | PASSED | 3.754 s  |
| 3 | When User selects Stack from the dropdown without signing in            | PASSED | 10.707 s |
| 4 | Then User should be able to see a warning message You are not logged in | PASSED | 0.162 s  |

## **Linked List Functionality**

| PASSED           | DURATION - 8 m 59.208 s | Scenarios<br>Total - 53 |    | Steps<br>Total - 316 |     |
|------------------|-------------------------|-------------------------|----|----------------------|-----|
| / 11:20:39.722 F | PM // 11:29:38.930 PM / | Pass - 53               | 53 | Pass - 316           | 316 |
|                  |                         | Skip - 0                |    | Skip - 0             |     |

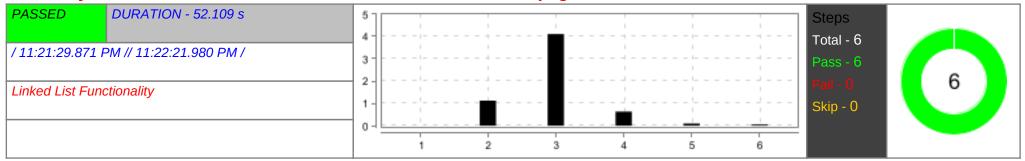
# Verify that the user is able to click on Get Started button under Linked List section

| PASSED           | DURATION - 1 m 24.019 s | 15 - |     |        |   |   | Steps                 |   |
|------------------|-------------------------|------|-----|--------|---|---|-----------------------|---|
| / 11:20:39.724 F | PM // 11:22:03.743 PM / | 10 - |     |        |   |   | Total - 5<br>Pass - 5 |   |
| Linked List Fund | ctionality              | 5 -  |     |        |   |   | Fail - 0<br>Skip - 0  | 5 |
|                  |                         | 0 -  | 1 2 | ,<br>3 | 4 | 5 |                       |   |

| # | Step / Hook Details                      | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page | PASSED | 0.015 s  |

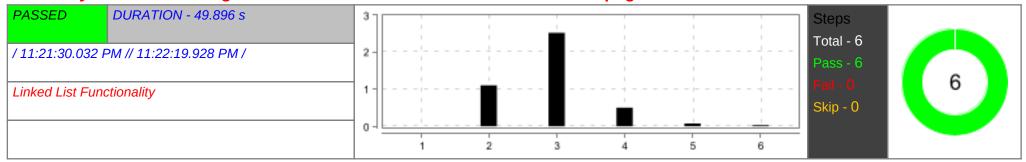
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 2 | When User clicks the Get Started button                              | PASSED | 2.904 s  |
| 3 | Then login with "Login_Valid" and 1                                  | PASSED | 17.787 s |
| 4 | When User clicks on the Get Started button under Linked List section | PASSED | 0.581 s  |
| 5 | Then User is navigated to Linked List page                           | PASSED | 0.139 s  |

#### Verify that the Introduction link is enabled in the Linked List page



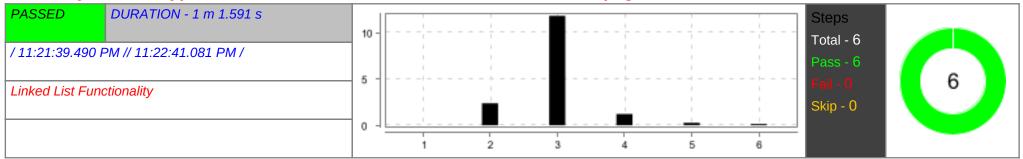
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.001 s  |
| 2 | When User clicks the Get Started button   | PASSED | 1.120 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 4.105 s  |
| 4 | Given The user is in the Linked List page after Sign-In                               | PASSED | 0.630 s  |
| 5 | When The user checks whether the Introduction link is enabled                         | PASSED | 0.098 s  |
| 6 | Then The user should be able to see Introduction link enabled in the Linked List page | PASSED | 0.054 s  |

# Verify that the Creating Linked List link is enabled in the Linked List page



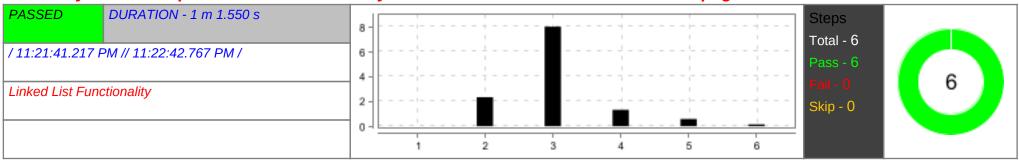
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.001 s  |
| 2 | When User clicks the Get Started button   | PASSED | 1.102 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 2.520 s  |
| 4 | Given The user is in the Linked List page after Sign-In                                       | PASSED | 0.500 s  |
| 5 | When The user checks whether the Creating Linked List link is enabled                         | PASSED | 0.074 s  |
| 6 | Then The user should be able to see Creating Linked List link enabled in the Linked List page | PASSED | 0.031 s  |

## Verify that the Types of Linked List link is enabled in the Linked List page



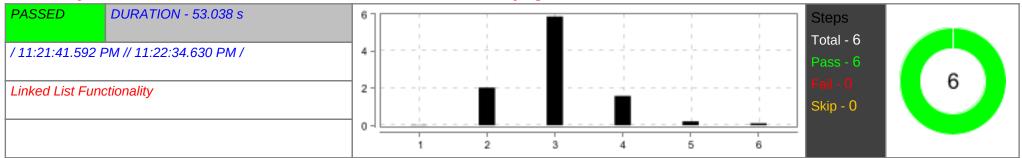
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.006 s  |
| 2 | When User clicks the Get Started button   | PASSED | 2.384 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 11.799 s |
| 4 | Given The user is in the Linked List page after Sign-In                                       | PASSED | 1.212 s  |
| 5 | When The user checks whether the Types of Linked List link is enabled                         | PASSED | 0.257 s  |
| 6 | Then The user should be able to see Types of Linked List link enabled in the Linked List page | PASSED | 0.145 s  |

## Verify that the Implement Linked List in Python link is enabled in the Linked List page



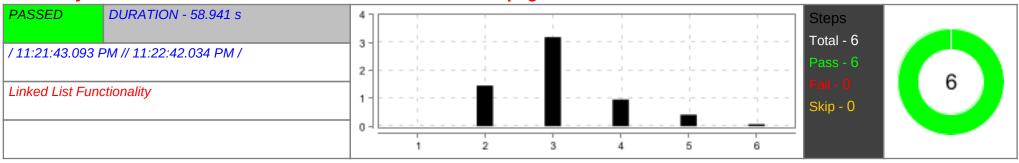
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page   | PASSED | 0.000 s  |
| 2 | When User clicks the Get Started button  | PASSED | 2.331 s  |
| 3 | Then login with "Login_Valid" and 1  | PASSED | 8.017 s  |
| 4 | Given The user is in the Linked List page after Sign-In  | PASSED | 1.323 s  |
| 5 | When The user checks whether the Implement Linked List in Python link is enabled                         | PASSED | 0.575 s  |
| 6 | Then The user should be able to see Implement Linked List in Python link enabled in the Linked List page | PASSED | 0.151 s  |

## Verify that the Traversal link is enabled in the Linked List page



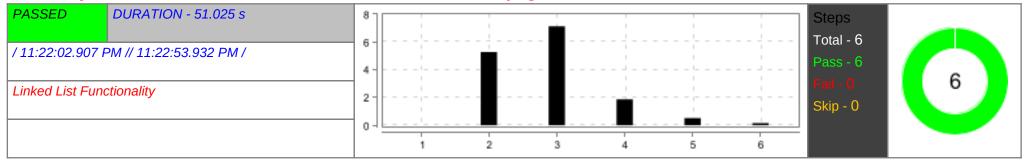
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page   | PASSED | 0.022 s  |
| 2 | When User clicks the Get Started button  | PASSED | 2.029 s  |
| 3 | Then login with "Login_Valid" and 1  | PASSED | 5.869 s  |
| 4 | Given The user is in the Linked List page after Sign-In                            | PASSED | 1.586 s  |
| 5 | When The user checks whether the Traversal link is enabled                         | PASSED | 0.211 s  |
| 6 | Then The user should be able to see Traversal link enabled in the Linked List page | PASSED | 0.109 s  |

## Verify that the Insertion link is enabled in the Linked List page



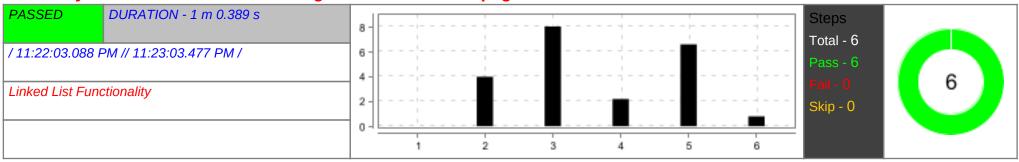
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page   | PASSED | 0.002 s  |
| 2 | When User clicks the Get Started button  | PASSED | 1.453 s  |
| 3 | Then login with "Login_Valid" and 1  | PASSED | 3.188 s  |
| 4 | Given The user is in the Linked List page after Sign-In                            | PASSED | 0.955 s  |
| 5 | When The user checks whether the Insertion link is enabled                         | PASSED | 0.411 s  |
| 6 | Then The user should be able to see Insertion link enabled in the Linked List page | PASSED | 0.072 s  |

## Verify that the Deletion link is enabled in the Linked List page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.002 s  |
| 2 | When User clicks the Get Started button   | PASSED | 5.269 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 7.125 s  |
| 4 | Given The user is in the Linked List page after Sign-In                           | PASSED | 1.861 s  |
| 5 | When The user checks whether the Deletion link is enabled                         | PASSED | 0.522 s  |
| 6 | Then The user should be able to see Deletion link enabled in the Linked List page | PASSED | 0.158 s  |

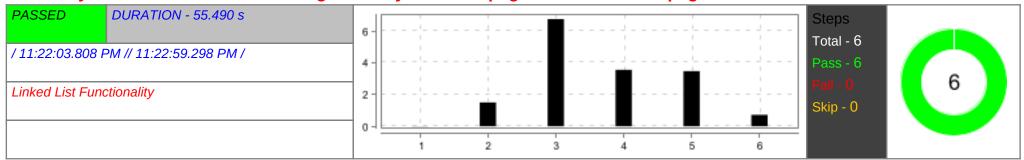
## Verify that the user is able to navigate to Introduction page



DETAILED SECTION -- 40 --

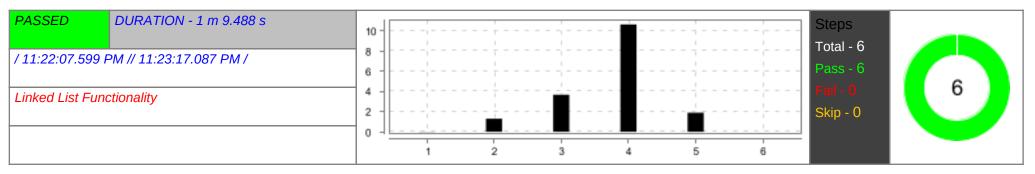
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page                       | PASSED | 0.004 s  |
| 2 | When User clicks the Get Started button                        | PASSED | 3.984 s  |
| 3 | Then login with "Login_Valid" and 1                            | PASSED | 8.040 s  |
| 4 | Given The user is in the Linked List page after Sign-In        | PASSED | 2.186 s  |
| 5 | When The user clicks Introduction link in the Linked List page | PASSED | 6.597 s  |
| 6 | Then The user should be able to navigate to Introduction page  | PASSED | 0.786 s  |

## Verify that the user is able to navigate to Try Here >>> page for Introduction page



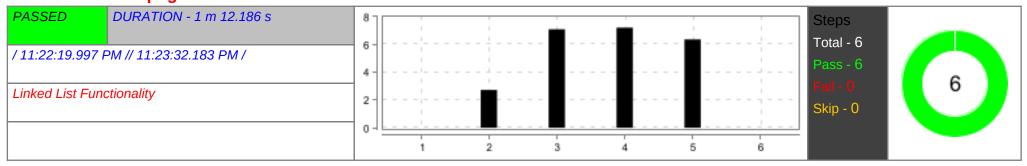
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.011 s  |
| 2 | When User clicks the Get Started button   | PASSED | 1.501 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 6.747 s  |
| 4 | Given The user is in the Introduction page  | PASSED | 3.554 s  |
| 5 | When The user clicks Try Here >>> button in the Introduction page                   | PASSED | 3.467 s  |
| 6 | Then The user should be able to navigate to Try Editor page with Run button to test | PASSED | 0.714 s  |

Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Introduction page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.019 s  |
| 2 | When User clicks the Get Started button   | PASSED | 1.285 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 3.657 s  |
| 4 | Given The user is in the Try Editor page for the Introduction page  | PASSED | 10.617 s |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 1 and clicks on Run button for the | PASSED | 1.888 s  |
|   | Introduction page   |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Introduction page                              | PASSED | 0.002 s  |

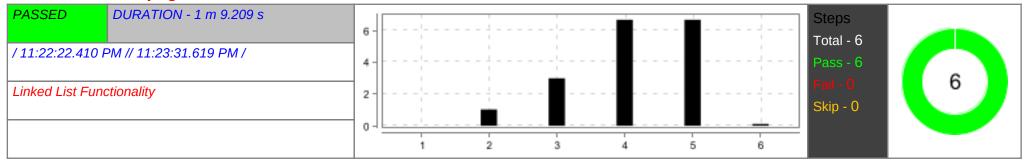
## Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Introduction page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.002 s  |
| 2 | When User clicks the Get Started button   | PASSED | 2.720 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 7.082 s  |
| 4 | Given The user is in the Try Editor page for the Introduction page  | PASSED | 7.200 s  |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 2 and clicks on Run button for the | PASSED | 6.352 s  |

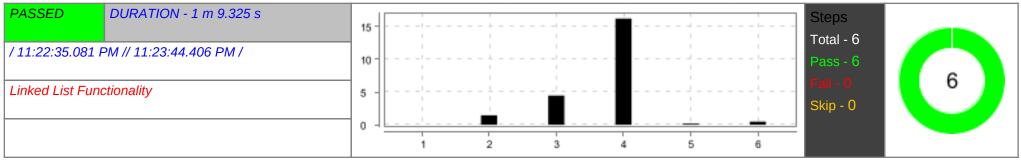
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
|   | Introduction page  |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Introduction page | PASSED | 0.001 s  |

## Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Introduction page



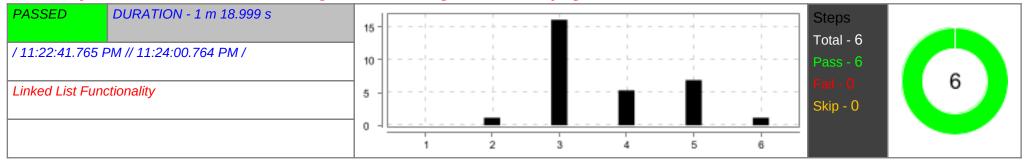
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.000 s  |
| 2 | When User clicks the Get Started button   | PASSED | 1.029 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 2.987 s  |
| 4 | Given The user is in the Try Editor page for the Introduction page  | PASSED | 6.670 s  |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 3 and clicks on Run button for the | PASSED | 6.671 s  |
|   | Introduction page   |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Introduction page                              | PASSED | 0.113 s  |

## Verify that the user is able to navigate to Introduction page after clicking <- in the Try Editor window



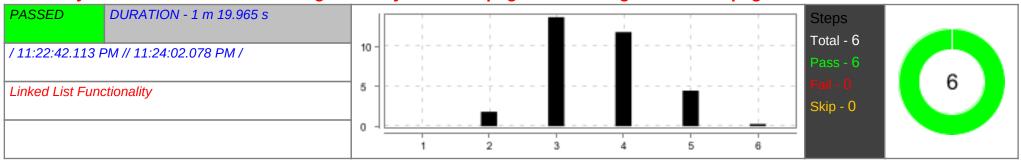
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page                                  | PASSED | 0.012 s  |
| 2 | When User clicks the Get Started button                                   | PASSED | 1.449 s  |
| 3 | Then login with "Login_Valid" and 1                                       | PASSED | 4.473 s  |
| 4 | Given The user is in the Try Editor page for the Introduction page        | PASSED | 16.238 s |
| 5 | When The user clicks <- in the Try Editor screen for the Linked List page | PASSED | 0.171 s  |
| 6 | Then The user should be able to navigate to Introduction page             | PASSED | 0.484 s  |

## **Verify that the user is able to navigate to Creating Linked List page**



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page                               | PASSED | 0.001 s  |
| 2 | When User clicks the Get Started button                                | PASSED | 1.139 s  |
| 3 | Then login with "Login_Valid" and 1                                    | PASSED | 16.131 s |
| 4 | Given The user is in the Linked List page after Sign-In                | PASSED | 5.331 s  |
| 5 | When The user clicks Creating Linked List link in the Linked List page | PASSED | 6.897 s  |
| 6 | Then The user should be able to navigate to Creating Linked List page  | PASSED | 1.154 s  |

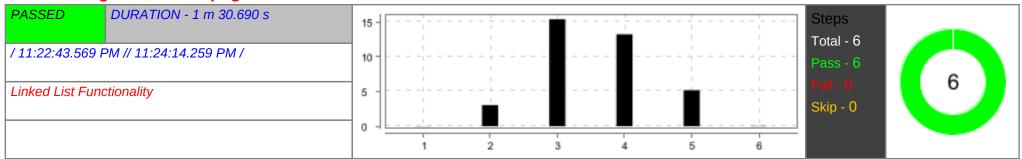
## **Verify that the user is able to navigate to Try Here >>> page for Creating Linked List page**



DETAILED SECTION -- 44 --

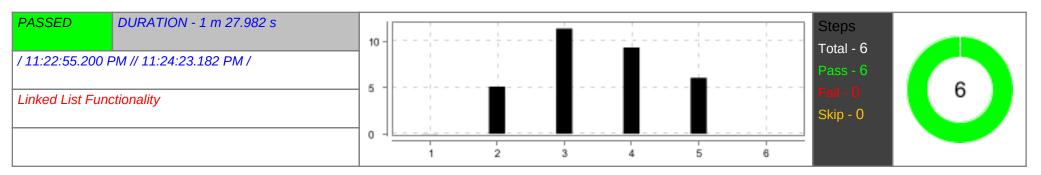
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.000 s  |
| 2 | When User clicks the Get Started button   | PASSED | 1.804 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 13.669 s |
| 4 | Given The user is in the Creating Linked List page                                  | PASSED | 11.809 s |
| 5 | When The user clicks Try Here >>> button in the Creating Linked List page           | PASSED | 4.465 s  |
| 6 | Then The user should be able to navigate to Try Editor page with Run button to test | PASSED | 0.273 s  |

Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Creating Linked List page



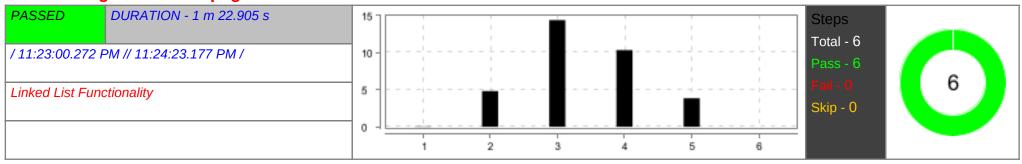
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.023 s  |
| 2 | When User clicks the Get Started button   | PASSED | 3.048 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 15.386 s |
| 4 | Given The user is in the Try Editor page for the Creating Linked List page  | PASSED | 13.241 s |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 1 and clicks on Run button for the | PASSED | 5.179 s  |
|   | Creating Linked List page   |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Creating Linked List page                      | PASSED | 0.046 s  |

Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Creating Linked List page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.020 s  |
| 2 | When User clicks the Get Started button   | PASSED | 5.085 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 11.353 s |
| 4 | Given The user is in the Try Editor page for the Creating Linked List page  | PASSED | 9.308 s  |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 2 and clicks on Run button for the | PASSED | 6.040 s  |
|   | Creating Linked List page   |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Creating Linked List page                      | PASSED | 0.000 s  |

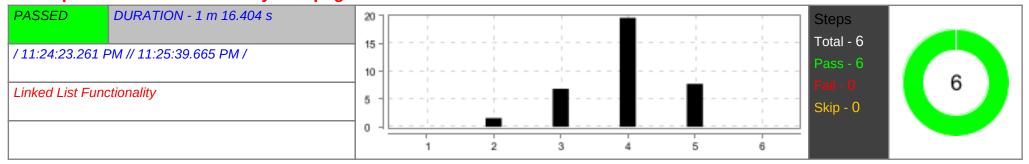
## Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Creating Linked List page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.038 s  |
| 2 | When User clicks the Get Started button   | PASSED | 4.825 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 14.387 s |
| 4 | Given The user is in the Try Editor page for the Creating Linked List page  | PASSED | 10.331 s |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 3 and clicks on Run button for the | PASSED | 3.852 s  |

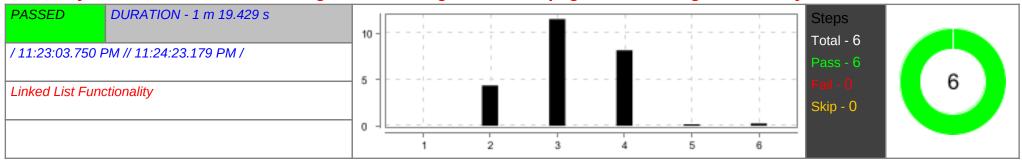
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
|   | Creating Linked List page  |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Creating Linked List page | PASSED | 0.001 s  |

## Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Implement Linked List in Python page



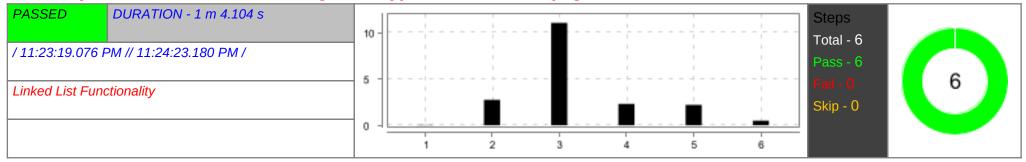
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.001 s  |
| 2 | When User clicks the Get Started button   | PASSED | 1.543 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 6.822 s  |
| 4 | Given The user is in the Try Editor page for the Implement Linked List in Python page   | PASSED | 19.583 s |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 3 and clicks on Run button for the | PASSED | 7.707 s  |
|   | Implement Linked List in Python page  |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Implement Linked List in Python page           | PASSED | 0.000 s  |

## **Verify that the user is able to navigate to Creating Linked List page after clicking <- in the Try Editor window**



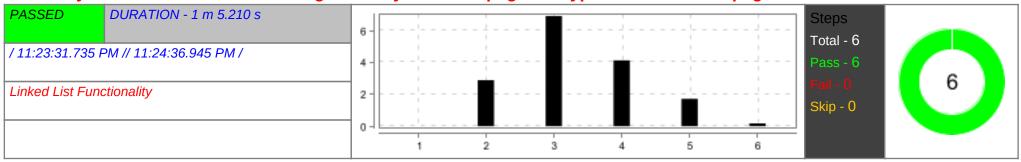
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page                                   | PASSED | 0.001 s  |
| 2 | When User clicks the Get Started button                                    | PASSED | 4.353 s  |
| 3 | Then login with "Login_Valid" and 1  | PASSED | 11.515 s |
| 4 | Given The user is in the Try Editor page for the Creating Linked List page | PASSED | 8.141 s  |
| 5 | When The user clicks <- in the Try Editor screen for the Linked List page  | PASSED | 0.167 s  |
| 6 | Then The user should be able to navigate to Creating Linked List page      | PASSED | 0.248 s  |

## Verify that the user is able to navigate to Types of Linked List page



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page                               | PASSED | 0.031 s  |
| 2 | When User clicks the Get Started button                                | PASSED | 2.741 s  |
| 3 | Then login with "Login_Valid" and 1                                    | PASSED | 11.043 s |
| 4 | Given The user is in the Linked List page after Sign-In                | PASSED | 2.308 s  |
| 5 | When The user clicks Types of Linked List link in the Linked List page | PASSED | 2.197 s  |
| 6 | Then The user should be able to navigate to Types of Linked List page  | PASSED | 0.498 s  |

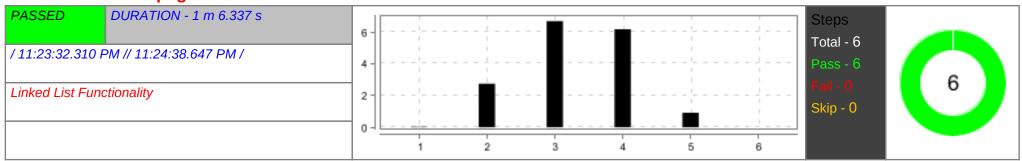
## Verify that the user is able to navigate to Try Here >>> page for Types of Linked List page



DETAILED SECTION -- 48 --

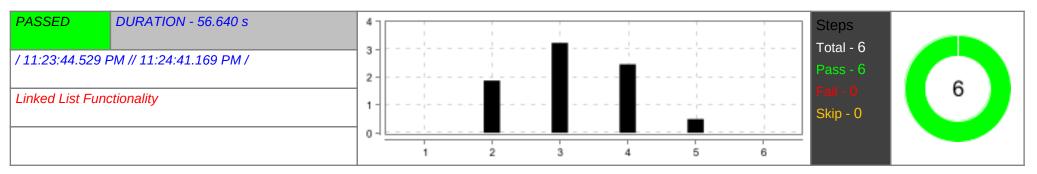
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.000 s  |
| 2 | When User clicks the Get Started button   | PASSED | 2.886 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 6.908 s  |
| 4 | Given The user is in the Types of Linked List page                                  | PASSED | 4.122 s  |
| 5 | When The user clicks Try Here >>> button in the Types of Linked List page           | PASSED | 1.716 s  |
| 6 | Then The user should be able to navigate to Try Editor page with Run button to test | PASSED | 0.178 s  |

Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Types of Linked List page



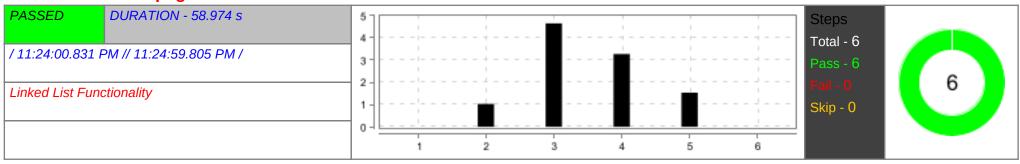
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.028 s  |
| 2 | When User clicks the Get Started button   | PASSED | 2.741 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 6.686 s  |
| 4 | Given The user is in the Try Editor page for the Types of Linked List page  | PASSED | 6.173 s  |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 1 and clicks on Run button for the | PASSED | 0.917 s  |
|   | Types of Linked List page   |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Types of Linked List page                      | PASSED | 0.003 s  |

Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Types of Linked List page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.000 s  |
| 2 | When User clicks the Get Started button   | PASSED | 1.876 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 3.231 s  |
| 4 | Given The user is in the Try Editor page for the Types of Linked List page  | PASSED | 2.464 s  |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 2 and clicks on Run button for the | PASSED | 0.490 s  |
|   | Types of Linked List page   |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Types of Linked List page                      | PASSED | 0.001 s  |

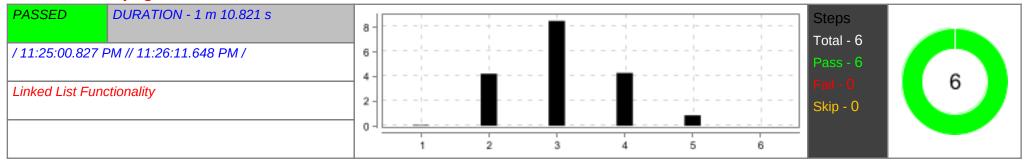
## Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Types of Linked List page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.001 s  |
| 2 | When User clicks the Get Started button   | PASSED | 1.024 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 4.650 s  |
| 4 | Given The user is in the Try Editor page for the Types of Linked List page  | PASSED | 3.270 s  |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 3 and clicks on Run button for the | PASSED | 1.534 s  |

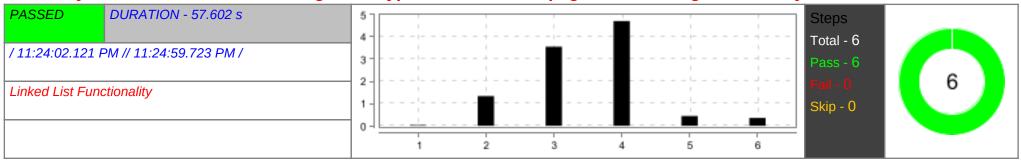
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
|   | Types of Linked List page  |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Types of Linked List page | PASSED | 0.000 s  |

## Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Traversal page



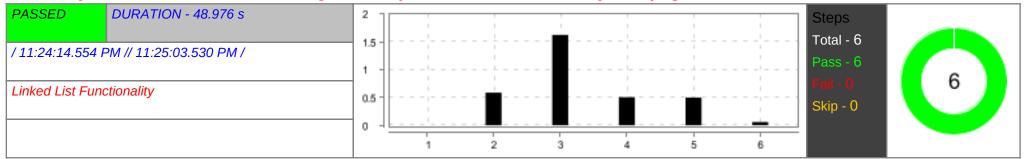
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.049 s  |
| 2 | When User clicks the Get Started button   | PASSED | 4.215 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 8.488 s  |
| 4 | Given The user is in the Try Editor page for the Traversal page   | PASSED | 4.279 s  |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 1 and clicks on Run button for the | PASSED | 0.851 s  |
|   | Traversal page  |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Traversal page                                 | PASSED | 0.000 s  |

## **Verify that the user is able to navigate to Types of Linked List page after clicking <- in the Try Editor window**



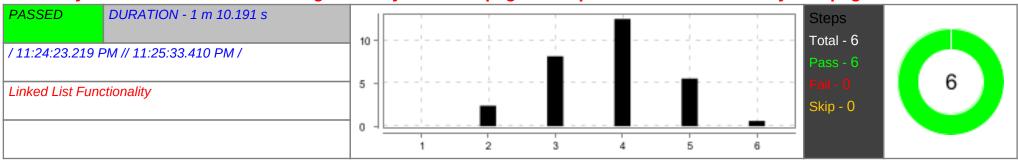
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page                                   | PASSED | 0.031 s  |
| 2 | When User clicks the Get Started button                                    | PASSED | 1.332 s  |
| 3 | Then login with "Login_Valid" and 1  | PASSED | 3.557 s  |
| 4 | Given The user is in the Try Editor page for the Types of Linked List page | PASSED | 4.703 s  |
| 5 | When The user clicks <- in the Try Editor screen for the Linked List page  | PASSED | 0.438 s  |
| 6 | Then The user should be able to navigate to Types of Linked List page      | PASSED | 0.351 s  |

## Verify that the user is able to navigate to Implement Linked List in Python page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.000 s  |
| 2 | When User clicks the Get Started button   | PASSED | 0.588 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 1.625 s  |
| 4 | Given The user is in the Linked List page after Sign-In                           | PASSED | 0.503 s  |
| 5 | When The user clicks Implement Linked List in Python link in the Linked List page | PASSED | 0.500 s  |
| 6 | Then The user should be able to navigate to Implement Linked List in Python page  | PASSED | 0.059 s  |

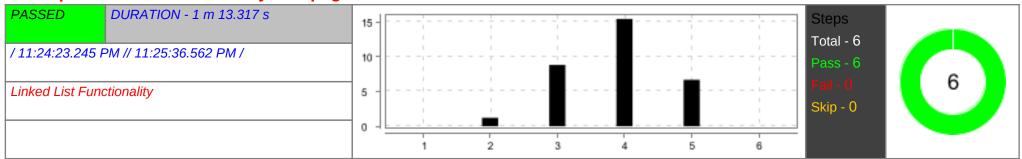
#### Verify that the user is able to navigate to Try Here >>> page for Implement Linked List in Python page



DETAILED SECTION -- 52 --

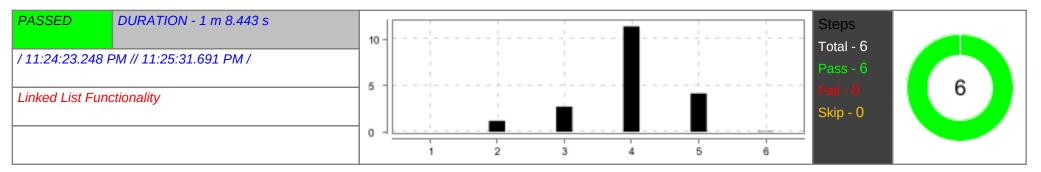
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page   | PASSED | 0.001 s  |
| 2 | When User clicks the Get Started button  | PASSED | 2.375 s  |
| 3 | Then login with "Login_Valid" and 1  | PASSED | 8.138 s  |
| 4 | Given The user is in the Implement Linked List in Python page                        | PASSED | 12.488 s |
| 5 | When The user clicks Try Here >>> button in the Implement Linked List in Python page | PASSED | 5.538 s  |
| 6 | Then The user should be able to navigate to Try Editor page with Run button to test  | PASSED | 0.611 s  |

Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Implement Linked List in Python page



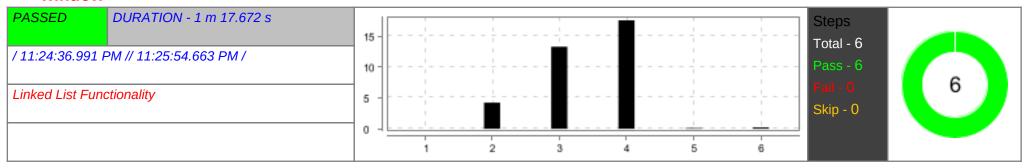
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.003 s  |
| 2 | When User clicks the Get Started button   | PASSED | 1.227 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 8.832 s  |
| 4 | Given The user is in the Try Editor page for the Implement Linked List in Python page   | PASSED | 15.427 s |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 2 and clicks on Run button for the | PASSED | 6.695 s  |
|   | Implement Linked List in Python page  |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Implement Linked List in Python page           | PASSED | 0.003 s  |

Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Implement Linked List in Python page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.000 s  |
| 2 | When User clicks the Get Started button   | PASSED | 1.183 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 2.715 s  |
| 4 | Given The user is in the Try Editor page for the Implement Linked List in Python page   | PASSED | 11.363 s |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 1 and clicks on Run button for the | PASSED | 4.131 s  |
|   | Implement Linked List in Python page  |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Implement Linked List in Python page           | PASSED | 0.047 s  |

## Verify that the user is able to navigate to Implement Linked List in Python page after clicking <- in the Try Editor window



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.001 s  |
| 2 | When User clicks the Get Started button   | PASSED | 4.222 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 13.280 s |
| 4 | Given The user is in the Try Editor page for the Implement Linked List in Python page | PASSED | 17.549 s |
| 5 | When The user clicks <- in the Try Editor screen for the Linked List page             | PASSED | 0.113 s  |

| - | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 6 | Then The user should be able to navigate to Implement Linked List in Python page | PASSED | 0.212 s  |

## Verify that the user is able to navigate to Traversal page

| PASSED DURATION - 1 m 26.589 s         | Steps Total - 6           |  |
|--|---------------------------|--|
| / 11:24:38.674 PM // 11:26:05.263 PM / | 15 - Total - 6            |  |
| Linked List Functionality              | 5 -   Fail - 0   Skip - 0 |  |
|  | 0 - 1 1 2 3 4 5 6         |  |

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page                    | PASSED | 0.001 s  |
| 2 | When User clicks the Get Started button                     | PASSED | 7.662 s  |
| 3 | Then login with "Login_Valid" and 1                         | PASSED | 18.798 s |
| 4 | Given The user is in the Linked List page after Sign-In     | PASSED | 4.699 s  |
| 5 | When The user clicks Traversal link in the Linked List page | PASSED | 2.544 s  |
| 6 | Then The user should be able to navigate to Traversal page  | PASSED | 0.109 s  |

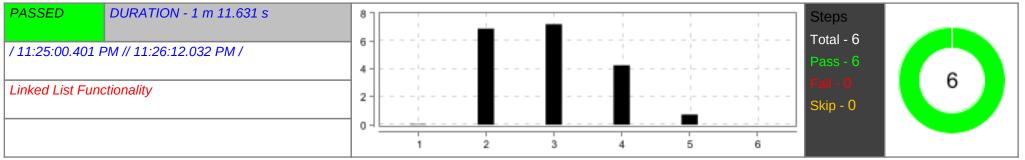
### Verify that the user is able to navigate to Try Here >>> page for Traversal page

| PASSED          | DURATION - 1 m 22.010 s | 10 - |   |          |   | ;        | 1 1 | Steps                |   |
|-----------------|-------------------------|------|---|----------|---|----------|-----|----------------------|---|
| / 11:24:41.374  | PM // 11:26:03.384 PM / | 6 -  |   | +        |   | <u>.</u> |     | Total - 6 Pass - 6   |   |
| Linked List Fur | nctionality             | 4 -  |   | <u> </u> |   |          |     | Fail - 0<br>Skip - 0 | 6 |
|                 |                         | 0 -  | 1 | 2        | 3 | 4        | 5 6 |                      |   |

| # | Step / Hook Details                      | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page | PASSED | 0.000 s  |
| 2 | When User clicks the Get Started button  | PASSED | 2.191 s  |
| 3 | Then login with "Login_Valid" and 1      | PASSED | 9.472 s  |

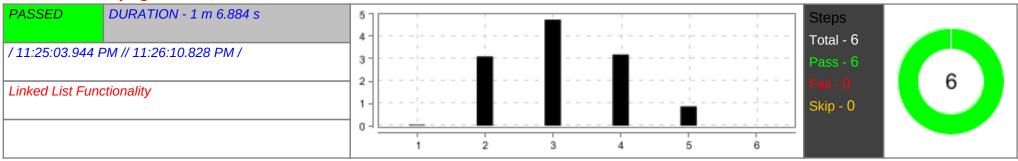
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 4 | Given The user is in the Traversal page   | PASSED | 5.970 s  |
| 5 | When The user clicks Try Here >>> button in the Traversal page                      | PASSED | 2.602 s  |
| 6 | Then The user should be able to navigate to Try Editor page with Run button to test | PASSED | 0.283 s  |

# Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Traversal page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.037 s  |
| 2 | When User clicks the Get Started button   | PASSED | 6.882 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 7.197 s  |
| 4 | Given The user is in the Try Editor page for the Traversal page   | PASSED | 4.258 s  |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 2 and clicks on Run button for the | PASSED | 0.726 s  |
|   | Traversal page  |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Traversal page                                 | PASSED | 0.000 s  |

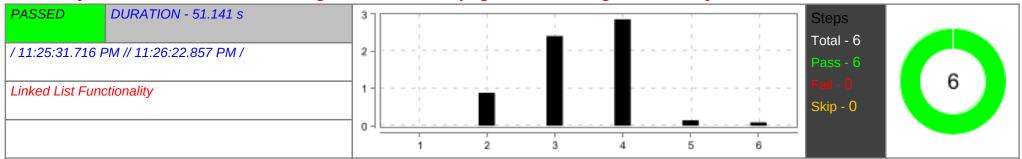
# Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Traversal page



DETAILED SECTION -- 56 --

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.036 s  |
| 2 | When User clicks the Get Started button   | PASSED | 3.103 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 4.750 s  |
| 4 | Given The user is in the Try Editor page for the Traversal page   | PASSED | 3.187 s  |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 3 and clicks on Run button for the | PASSED | 0.864 s  |
|   | Traversal page  |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Traversal page                                 | PASSED | 0.001 s  |

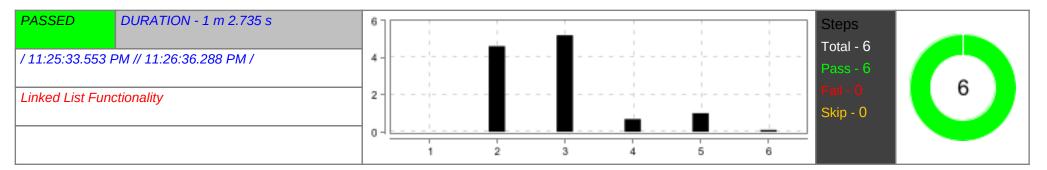
## Verify that the user is able to navigate to Traversal page after clicking <- in the Try Editor window



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page                                  | PASSED | 0.001 s  |
| 2 | When User clicks the Get Started button                                   | PASSED | 0.885 s  |
| 3 | Then login with "Login_Valid" and 1                                       | PASSED | 2.412 s  |
| 4 | Given The user is in the Try Editor page for the Traversal page           | PASSED | 2.858 s  |
| 5 | When The user clicks <- in the Try Editor screen for the Linked List page | PASSED | 0.146 s  |
| 6 | Then The user should be able to navigate to Traversal page                | PASSED | 0.087 s  |

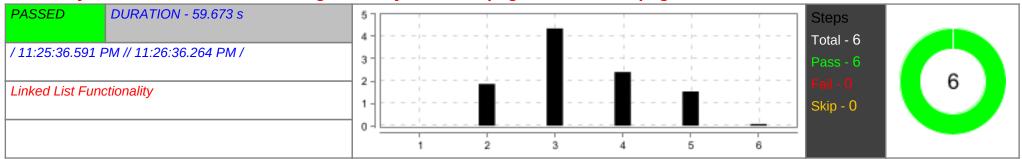
Verify that the user is able to navigate to Insertion page

DETAILED SECTION -- 57 --



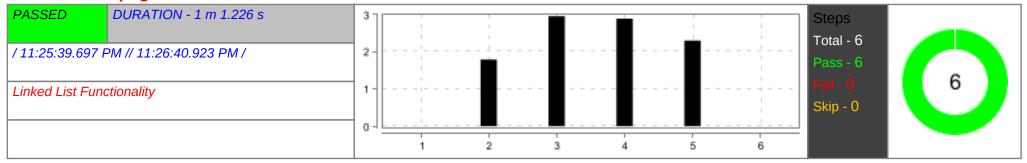
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page                    | PASSED | 0.004 s  |
| 2 | When User clicks the Get Started button                     | PASSED | 4.617 s  |
| 3 | Then login with "Login_Valid" and 1                         | PASSED | 5.208 s  |
| 4 | Given The user is in the Linked List page after Sign-In     | PASSED | 0.684 s  |
| 5 | When The user clicks Insertion link in the Linked List page | PASSED | 1.000 s  |
| 6 | Then The user should be able to navigate to Insertion page  | PASSED | 0.098 s  |

## Verify that the user is able to navigate to Try Here >>> page for Insertion page



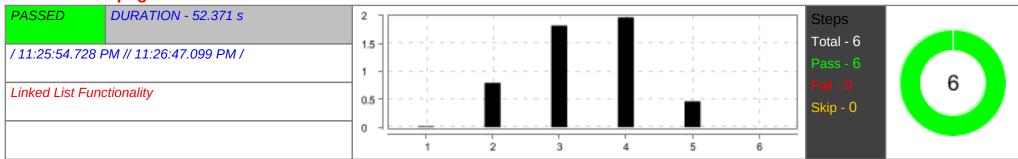
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.001 s  |
| 2 | When User clicks the Get Started button   | PASSED | 1.870 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 4.354 s  |
| 4 | Given The user is in the Insertion page   | PASSED | 2.405 s  |
| 5 | When The user clicks Try Here >>> button in the Insertion page                      | PASSED | 1.536 s  |
| 6 | Then The user should be able to navigate to Try Editor page with Run button to test | PASSED | 0.077 s  |

## Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Insertion page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.000 s  |
| 2 | When User clicks the Get Started button   | PASSED | 1.791 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 2.955 s  |
| 4 | Given The user is in the Try Editor page for the Insertion page   | PASSED | 2.892 s  |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 1 and clicks on Run button for the | PASSED | 2.299 s  |
|   | Insertion page  |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Insertion page                                 | PASSED | 0.000 s  |

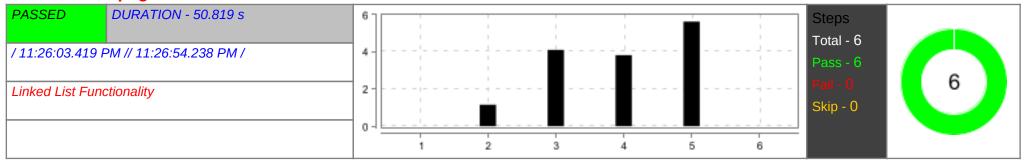
## Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Insertion page



| # | Step / Hook Details                      | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page | PASSED | 0.014 s  |
| 2 | When User clicks the Get Started button  | PASSED | 0.796 s  |
| 3 | Then login with "Login_Valid" and 1      | PASSED | 1.821 s  |

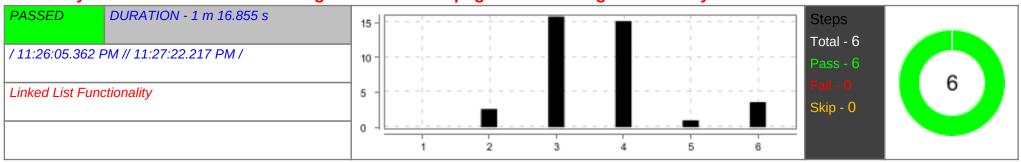
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 4 | Given The user is in the Try Editor page for the Insertion page   | PASSED | 1.969 s  |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 2 and clicks on Run button for the | PASSED | 0.463 s  |
|   | Insertion page  |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Insertion page                                 | PASSED | 0.000 s  |

# Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Insertion page



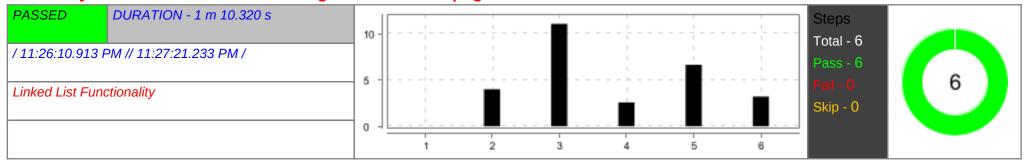
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.000 s  |
| 2 | When User clicks the Get Started button   | PASSED | 1.151 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 4.103 s  |
| 4 | Given The user is in the Try Editor page for the Insertion page   | PASSED | 3.815 s  |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 3 and clicks on Run button for the | PASSED | 5.623 s  |
|   | Insertion page  |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Insertion page                                 | PASSED | 0.001 s  |

#### Verify that the user is able to navigate to Insertion page after clicking <- in the Try Editor window



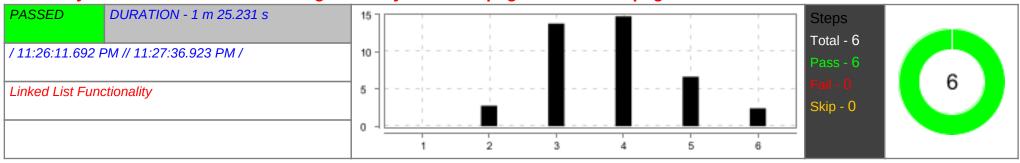
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page                                  | PASSED | 0.000 s  |
| 2 | When User clicks the Get Started button                                   | PASSED | 2.610 s  |
| 3 | Then login with "Login_Valid" and 1                                       | PASSED | 15.857 s |
| 4 | Given The user is in the Try Editor page for the Insertion page           | PASSED | 15.199 s |
| 5 | When The user clicks <- in the Try Editor screen for the Linked List page | PASSED | 0.988 s  |
| 6 | Then The user should be able to navigate to Insertion page                | PASSED | 3.600 s  |

## Verify that the user is able to navigate to Deletion page



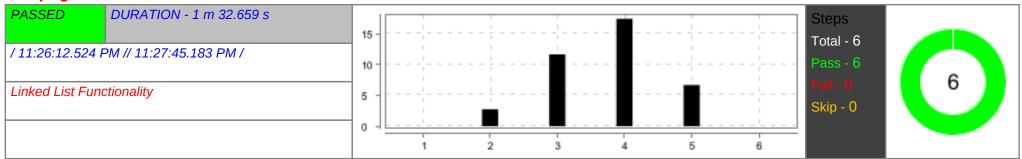
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page                   | PASSED | 0.001 s  |
| 2 | When User clicks the Get Started button                    | PASSED | 3.990 s  |
| 3 | Then login with "Login_Valid" and 1                        | PASSED | 11.043 s |
| 4 | Given The user is in the Linked List page after Sign-In    | PASSED | 2.578 s  |
| 5 | When The user clicks Deletion link in the Linked List page | PASSED | 6.631 s  |
| 6 | Then The user should be able to navigate to Deletion page  | PASSED | 3.195 s  |

## Verify that the user is able to navigate to Try Here >>> page for Deletion page



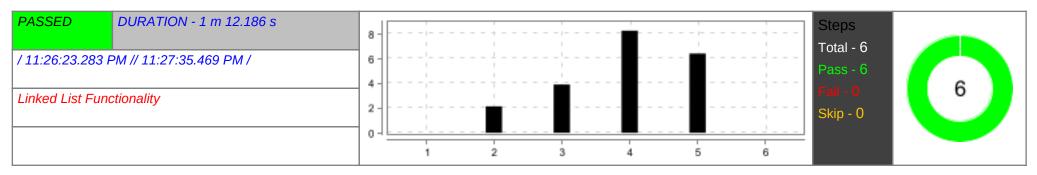
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.001 s  |
| 2 | When User clicks the Get Started button   | PASSED | 2.749 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 13.798 s |
| 4 | Given The user is in the Deletion page  | PASSED | 14.760 s |
| 5 | When The user clicks Try Here >>> button in the Deletion page                       | PASSED | 6.633 s  |
| 6 | Then The user should be able to navigate to Try Editor page with Run button to test | PASSED | 2.395 s  |

Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Deletion page



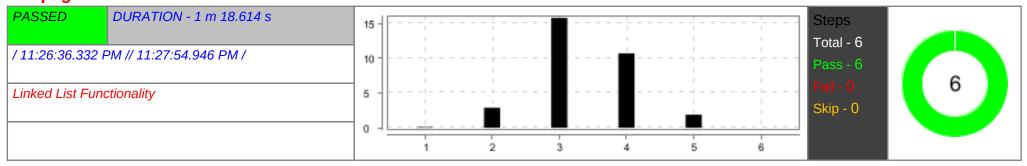
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.000 s  |
| 2 | When User clicks the Get Started button   | PASSED | 2.736 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 11.629 s |
| 4 | Given The user is in the Try Editor page for the Deletion page  | PASSED | 17.394 s |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 1 and clicks on Run button for the | PASSED | 6.678 s  |
|   | Deletion page   |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Deletion page                                  | PASSED | 0.001 s  |

Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Deletion page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.002 s  |
| 2 | When User clicks the Get Started button   | PASSED | 2.134 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 3.909 s  |
| 4 | Given The user is in the Try Editor page for the Deletion page  | PASSED | 8.266 s  |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 2 and clicks on Run button for the | PASSED | 6.414 s  |
|   | Deletion page   |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Deletion page                                  | PASSED | 0.001 s  |

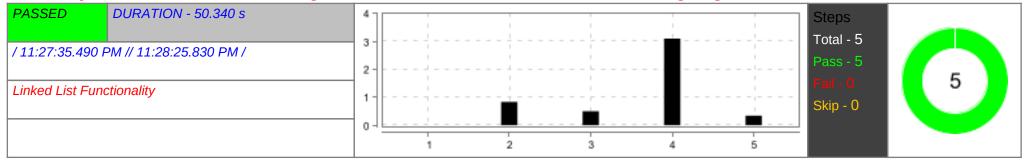
Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Deletion page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.104 s  |
| 2 | When User clicks the Get Started button   | PASSED | 2.883 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 15.816 s |
| 4 | Given The user is in the Try Editor page for the Deletion page  | PASSED | 10.696 s |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 3 and clicks on Run button for the | PASSED | 1.874 s  |

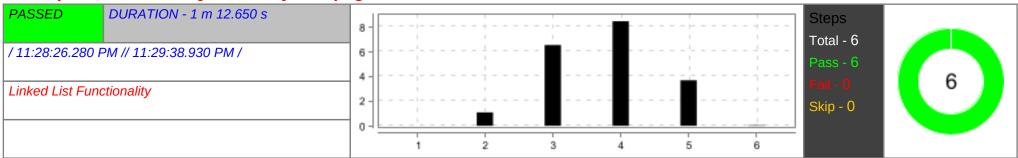
|   | # | Step / Hook Details  | Status | Duration |
|---|---|--|--------|----------|
|   |   | Deletion page  |        |          |
| 6 | 6 | Then The user should be able to get an output in the Try Editor screen for the Deletion page | PASSED | 0.000 s  |

## Verify user receives error message for Invalid Username and Password during Login



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page   | PASSED | 0.000 s  |
| 2 | When User clicks the Get Started button  | PASSED | 0.833 s  |
| 3 | Given The user clicks the Sign In link   | PASSED | 0.501 s  |
| 4 | When The user gets invalid data from excel sheet 'Login' and 4 for the login page    | PASSED | 3.103 s  |
| 5 | Then The user should be able to see an error message "Invalid Username and Password" | PASSED | 0.343 s  |

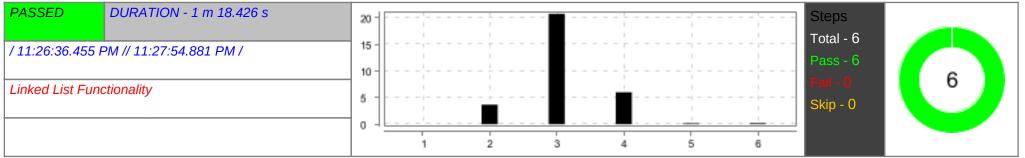
## Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Implementation of Queue in Python page



| # | Step / Hook Details                      | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page | PASSED | 0.000 s  |
| 2 | When User clicks the Get Started button  | PASSED | 1.089 s  |

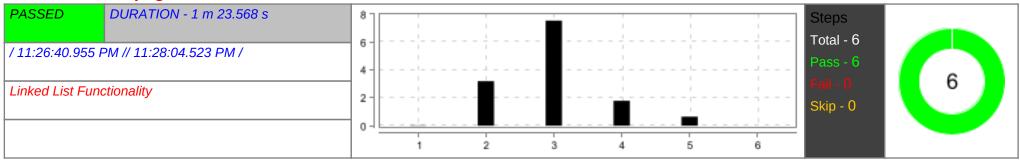
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 3 | And login with "Login_Valid" and 1  | PASSED | 6.536 s  |
| 4 | Given The user is in the Try Editor page for the Implementation of Queue in Python page                                       | PASSED | 8.454 s  |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 3 and clicks on Run button for the | PASSED | 3.676 s  |
|   | Implementation of Queue in Python page  |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Implementation of Queue in Python page         | PASSED | 0.041 s  |

## Verify that the user is able to navigate to Deletion page after clicking <- in the Try Editor window



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page                                  | PASSED | 0.000 s  |
| 2 | When User clicks the Get Started button                                   | PASSED | 3.676 s  |
| 3 | Then login with "Login_Valid" and 1                                       | PASSED | 20.740 s |
| 4 | Given The user is in the Try Editor page for the Deletion page            | PASSED | 5.997 s  |
| 5 | When The user clicks <- in the Try Editor screen for the Linked List page | PASSED | 0.161 s  |
| 6 | Then The user should be able to navigate to Deletion page                 | PASSED | 0.174 s  |

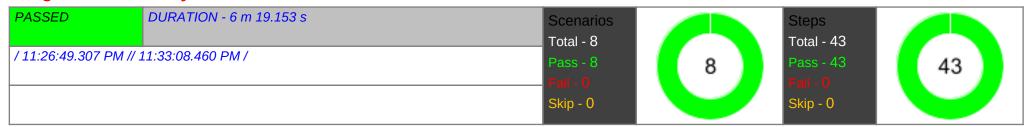
## Verify whether the user is able to navigate to Practice Questions page after clicking Practice Questions link in the Linked List page



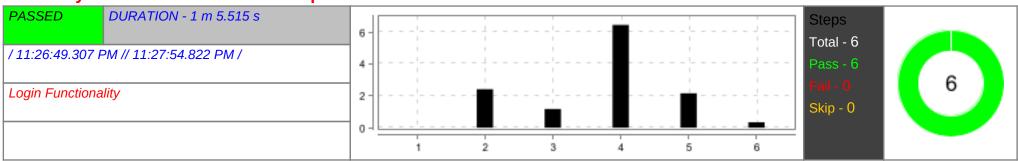
DETAILED SECTION -- 65 --

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page                            | PASSED | 0.029 s  |
| 2 | When User clicks the Get Started button                             | PASSED | 3.191 s  |
| 3 | Then login with "Login_Valid" and 1                                 | PASSED | 7.526 s  |
| 4 | Given The user is in the Deletion page                              | PASSED | 1.786 s  |
| 5 | When The user clicks Practice Questions link in the Deletion page   | PASSED | 0.644 s  |
| 6 | Then The user should be able to navigate to Practice Questions page | PASSED | 0.001 s  |

## **Login Functionality**

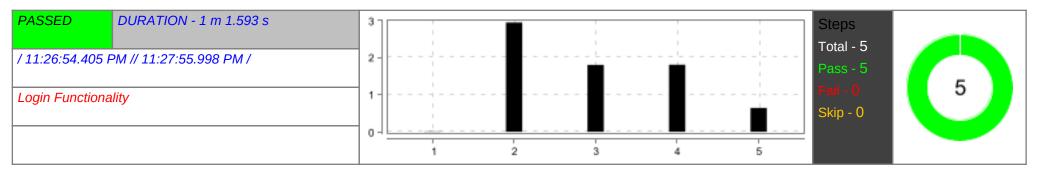


#### Verify user enters username and password fields



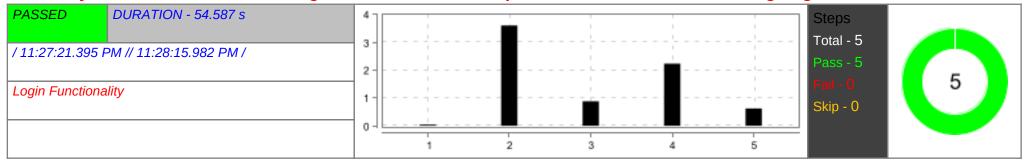
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page   | PASSED | 0.000 s  |
| 2 | When User clicks the Get Started button  | PASSED | 2.409 s  |
| 3 | Given The user clicks the Sign In link   | PASSED | 1.166 s  |
| 4 | When The user gets data from excel sheet 'Login_Valid' and 1 for the login page        | PASSED | 6.441 s  |
| 5 | And The user clicks Sign Out   | PASSED | 2.156 s  |
| 6 | Then The user should be redirected to home page with message "Logged out successfully" | PASSED | 0.334 s  |

DETAILED SECTION -- 66 --



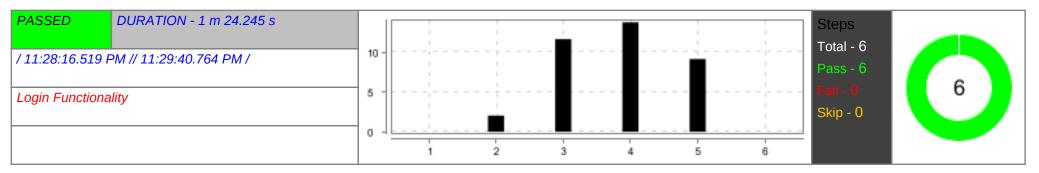
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.010 s  |
| 2 | When User clicks the Get Started button   | PASSED | 2.948 s  |
| 3 | Given The user clicks the Sign In link  | PASSED | 1.805 s  |
| 4 | When The user gets data from excel sheet 'Login' and 1 for the login page                             | PASSED | 1.807 s  |
| 5 | Then The error message appears below Username and Password textbox like "Please fill out this field." | PASSED | 0.641 s  |

#### Verify user receives error message when username and password fields are blank during Login



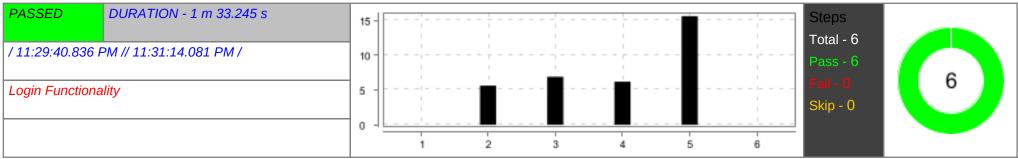
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.043 s  |
| 2 | When User clicks the Get Started button   | PASSED | 3.606 s  |
| 3 | Given The user clicks the Sign In link  | PASSED | 0.879 s  |
| 4 | When The user gets data from excel sheet 'Login' and 2 for the login page                             | PASSED | 2.234 s  |
| 5 | Then The error message appears below Username and Password textbox like "Please fill out this field." | PASSED | 0.622 s  |

Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Implementation of Queue in Python page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.000 s  |
| 2 | When User clicks the Get Started button   | PASSED | 2.042 s  |
| 3 | And login with "Login_Valid" and 1  | PASSED | 11.654 s |
| 4 | Given The user is in the Try Editor page for the Implementation of Queue in Python page                                       | PASSED | 13.775 s |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 2 and clicks on Run button for the | PASSED | 9.154 s  |
|   | Implementation of Queue in Python page  |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Implementation of Queue in Python page         | PASSED | 0.000 s  |

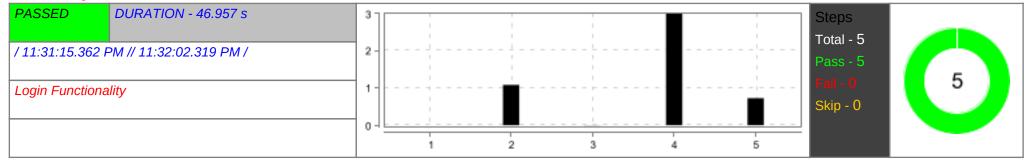
Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Implementation using Array page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.001 s  |
| 2 | When User clicks the Get Started button   | PASSED | 5.621 s  |
| 3 | And login with "Login_Valid" and 1  | PASSED | 6.908 s  |
| 4 | Given The user is in the Try Editor page for the Implementation using Array page  | PASSED | 6.186 s  |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 2 and clicks on Run button for the | PASSED | 15.617 s |

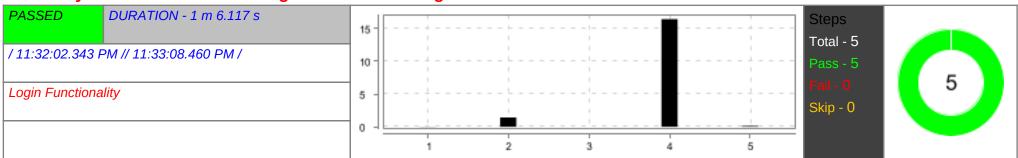
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
|   | Implementation using Array page   |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Implementation of Queue in Python page | PASSED | 0.000 s  |

## Verify that the user is able to enter username in the username field



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page   | PASSED | 0.000 s  |
| 2 | When User clicks the Get Started button  | PASSED | 1.083 s  |
| 3 | Given User is in the Register page after clicking Register link in the home page               | PASSED | 0.003 s  |
| 4 | When User wants to enter data from excel sheet 'Register' and 3 for the username field         | PASSED | 2.994 s  |
| 5 | Then User should be able to enter username after clicking Register button in the Register page | PASSED | 0.726 s  |

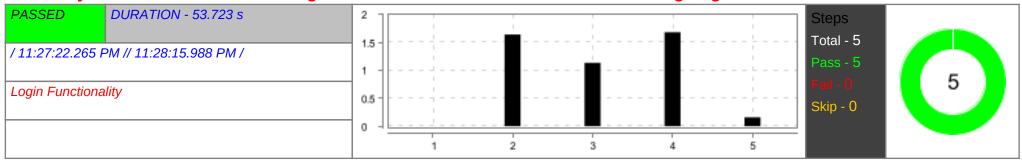
#### Verify that the user is able to get an error message



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page   | PASSED | 0.017 s  |
| 2 | When User clicks the Get Started button  | PASSED | 1.422 s  |
| 3 | Given User is in the Register page after clicking Register link in the home page | PASSED | 0.001 s  |

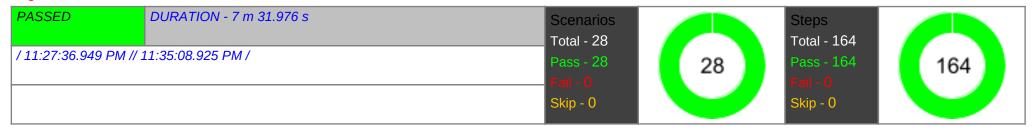
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 4 | When User enters invalid data from excel sheet 'Register' and 13 for the password field | PASSED | 16.461 s |
| 5 | Then User should be able to get an error message for password in the Register page      | PASSED | 0.130 s  |

## Verify user receives error message for Invalid Username and Password during Login



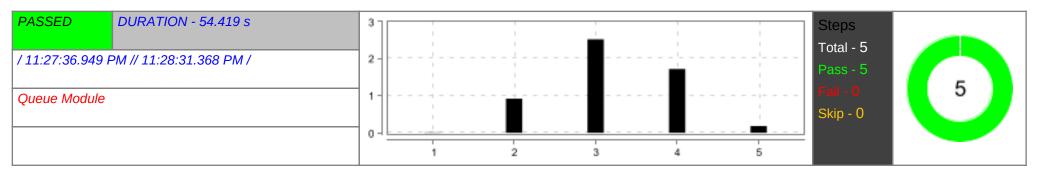
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page   | PASSED | 0.001 s  |
| 2 | When User clicks the Get Started button  | PASSED | 1.643 s  |
| 3 | Given The user clicks the Sign In link   | PASSED | 1.136 s  |
| 4 | When The user gets invalid data from excel sheet 'Login' and 3 for the login page    | PASSED | 1.683 s  |
| 5 | Then The user should be able to see an error message "Invalid Username and Password" | PASSED | 0.157 s  |

#### **Queue Module**



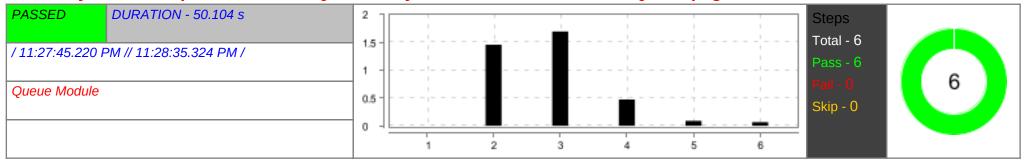
Verify that the user is able to click on Get Started button under Queue section

DETAILED SECTION -- 70 --

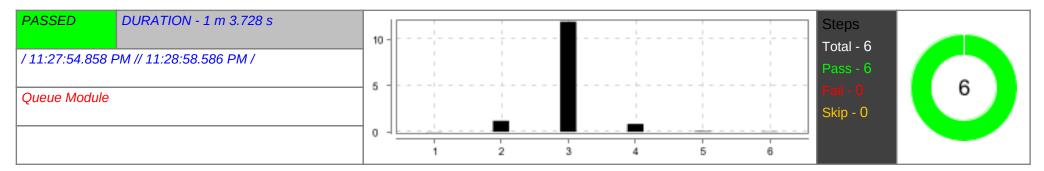


| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page                       | PASSED | 0.009 s  |
| 2 | When User clicks the Get Started button                        | PASSED | 0.919 s  |
| 3 | And login with "Login_Valid" and 1                             | PASSED | 2.521 s  |
| 4 | When User clicks on the Get Started button under Queue section | PASSED | 1.719 s  |
| 5 | Then User is navigated to Queue page                           | PASSED | 0.182 s  |

## Verify that the Implementation of Queue in Python link is enabled in the Queue page



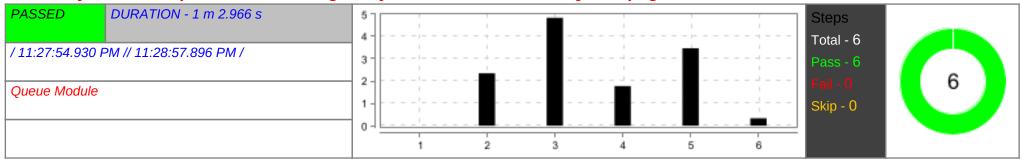
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page   | PASSED | 0.001 s  |
| 2 | When User clicks the Get Started button  | PASSED | 1.457 s  |
| 3 | And login with "Login_Valid" and 1   | PASSED | 1.696 s  |
| 4 | Given The user is in the Queue page after Sign-In  | PASSED | 0.472 s  |
| 5 | When The user checks whether the Implementation of Queue in Python link is enabled                   | PASSED | 0.088 s  |
| 6 | Then The user should be able to see Implementation of Queue in Python link enabled in the Queue page | PASSED | 0.064 s  |



-- 71 --

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.014 s  |
| 2 | When User clicks the Get Started button   | PASSED | 1.173 s  |
| 3 | And login with "Login_Valid" and 1  | PASSED | 11.874 s |
| 4 | Given The user is in the Queue page after Sign-In   | PASSED | 0.848 s  |
| 5 | When The user checks whether the Implementation using collections.deque link is enabled                   | PASSED | 0.076 s  |
| 6 | Then The user should be able to see Implementation using collections.deque link enabled in the Queue page | PASSED | 0.044 s  |

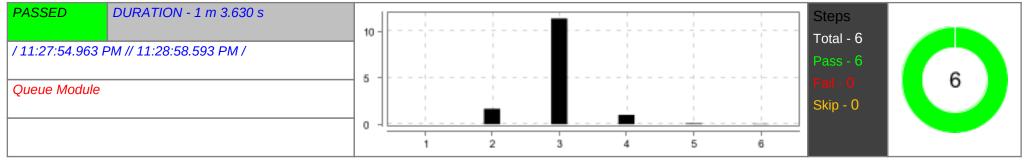
## Verify that the Implementation using Array link is enabled in the Queue page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.000 s  |
| 2 | When User clicks the Get Started button   | PASSED | 2.348 s  |
| 3 | And login with "Login_Valid" and 1  | PASSED | 4.833 s  |
| 4 | Given The user is in the Queue page after Sign-In   | PASSED | 1.771 s  |
| 5 | When The user checks whether the Implementation using Array link is enabled                   | PASSED | 3.468 s  |
| 6 | Then The user should be able to see Implementation using Array link enabled in the Queue page | PASSED | 0.327 s  |

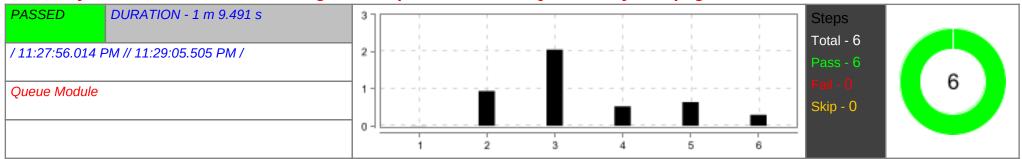
DETAILED SECTION -- 72 --

## Verify that the Queue Operations link is enabled in the Queue page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.001 s  |
| 2 | When User clicks the Get Started button   | PASSED | 1.652 s  |
| 3 | And login with "Login_Valid" and 1  | PASSED | 11.373 s |
| 4 | Given The user is in the Queue page after Sign-In                                   | PASSED | 1.002 s  |
| 5 | When The user checks whether the Queue Operations link is enabled                   | PASSED | 0.093 s  |
| 6 | Then The user should be able to see Queue Operations link enabled in the Queue page | PASSED | 0.036 s  |

## Verify that the user is able to navigate to Implementation of Queue in Python page



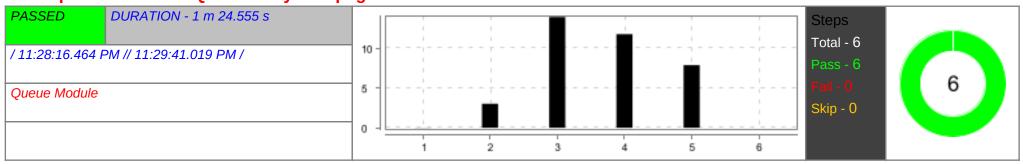
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page   | PASSED | 0.005 s  |
| 2 | When User clicks the Get Started button  | PASSED | 0.938 s  |
| 3 | And login with "Login_Valid" and 1   | PASSED | 2.052 s  |
| 4 | Given The user is in the Queue page after Sign-In                                  | PASSED | 0.524 s  |
| 5 | When The user clicks Implementation of Queue in Python link in the Queue page      | PASSED | 0.640 s  |
| 6 | Then The user should be able to navigate to Implementation of Queue in Python page | PASSED | 0.294 s  |

#### Verify that the user is able to navigate to Try Here >>> page for Implementation of Queue in Python page

| PASSED           | DURATION - 1 m 5.086 s  | 8 - |   |   | • |   | - |   | Steps     |   |          |
|------------------|-------------------------|-----|---|---|---|---|---|---|-----------|---|----------|
| / 11,20,04 540   | DM // 11,20,00 C25 DM / | 6-  |   |   |   |   |   |   | Total - 6 |   |          |
| / 11.28.04.549 / | PM // 11:29:09.635 PM / | 4 - |   |   |   |   |   |   | Pass - 6  |   |          |
| Queue Module     |                         | 2-  |   |   |   |   | 🖮 |   | Fail - 0  | 6 |          |
|                  |                         |     |   |   |   |   |   |   | Skip - 0  |   | <b>7</b> |
|                  |                         | 0 - |   | _ |   |   |   |   |           |   |          |
|                  |                         |     | 1 | 2 | 3 | 4 | 5 | 6 |           |   |          |

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page   | PASSED | 0.001 s  |
| 2 | When User clicks the Get Started button  | PASSED | 1.093 s  |
| 3 | And login with "Login_Valid" and 1   | PASSED | 7.696 s  |
| 4 | Given The user is in the Implementation of Queue in Python page                        | PASSED | 2.605 s  |
| 5 | When The user clicks Try Here >>> button in the Implementation of Queue in Python page | PASSED | 3.016 s  |
| 6 | Then The user should be able to navigate to Try Editor page with Run button            | PASSED | 0.006 s  |

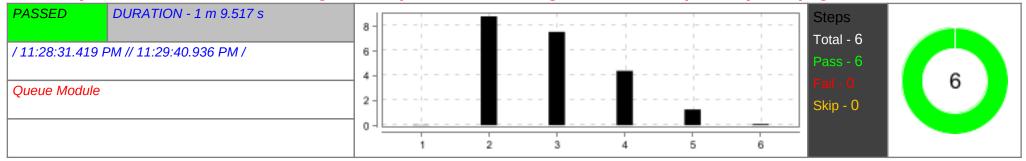
# Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Implementation of Queue in Python page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.013 s  |
| 2 | When User clicks the Get Started button   | PASSED | 3.024 s  |
| 3 | And login with "Login_Valid" and 1  | PASSED | 13.930 s |
| 4 | Given The user is in the Try Editor page for the Implementation of Queue in Python page                                       | PASSED | 11.779 s |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 1 and clicks on Run button for the | PASSED | 7.875 s  |

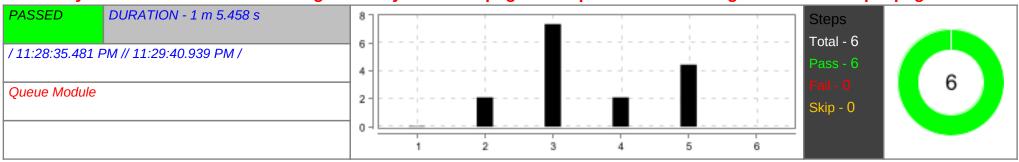
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
|   | Implementation of Queue in Python page  |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Implementation of Queue in Python page | PASSED | 0.005 s  |

#### Verify that the user is able to navigate to Implementation using collections.deque in Python page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.025 s  |
| 2 | When User clicks the Get Started button   | PASSED | 8.774 s  |
| 3 | And login with "Login_Valid" and 1  | PASSED | 7.517 s  |
| 4 | Given The user is in the Queue page after Sign-In                                       | PASSED | 4.378 s  |
| 5 | When The user clicks Implementation using collections.deque link in the Queue page      | PASSED | 1.265 s  |
| 6 | Then The user should be able to navigate to Implementation using collections.deque page | PASSED | 0.091 s  |

#### Verify that the user is able to navigate to Try Here >>> page for Implementation using collections.deque page

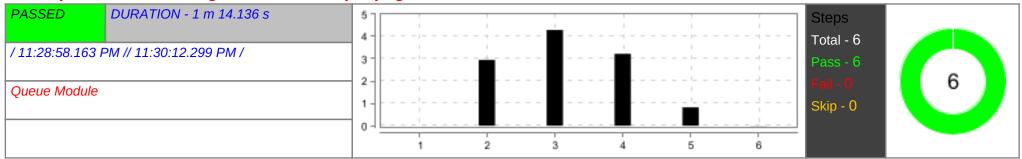


| # | Step / Hook Details                      | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page | PASSED | 0.034 s  |
| 2 | When User clicks the Get Started button  | PASSED | 2.105 s  |

DETAILED SECTION -- 75 --

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 3 | And login with "Login_Valid" and 1  | PASSED | 7.352 s  |
| 4 | Given The user is in the Implementation using collections.deque page                        | PASSED | 2.097 s  |
| 5 | When The user clicks Try Here >>> button in the Implementation using collections.deque page | PASSED | 4.444 s  |
| 6 | Then The user should be able to navigate to Try Editor page with Run button                 | PASSED | 0.001 s  |

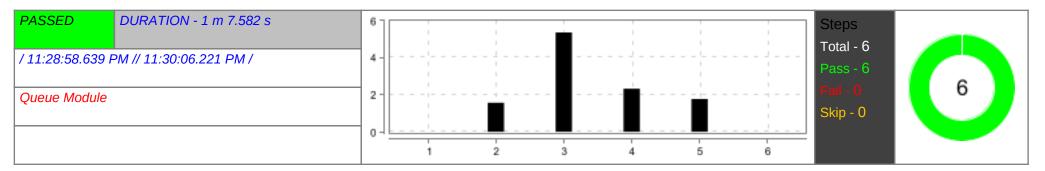
Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Implementation using collections.deque page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.001 s  |
| 2 | When User clicks the Get Started button   | PASSED | 2.945 s  |
| 3 | And login with "Login_Valid" and 1  | PASSED | 4.292 s  |
| 4 | Given The user is in the Try Editor page for the Implementation using collections.deque page                                  | PASSED | 3.219 s  |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 1 and clicks on Run button for the | PASSED | 0.823 s  |
|   | Implementation using collections.deque page   |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Implementation of Queue in Python page         | PASSED | 0.006 s  |

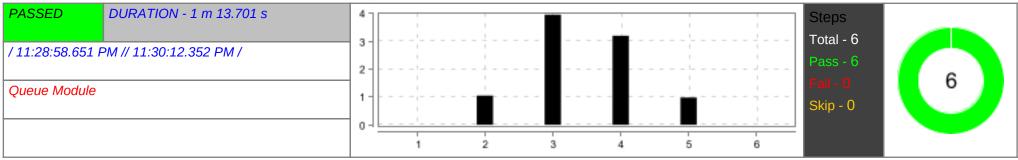
Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Implementation using collections.deque page

DETAILED SECTION -- 76 --



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.000 s  |
| 2 | When User clicks the Get Started button   | PASSED | 1.569 s  |
| 3 | And login with "Login_Valid" and 1  | PASSED | 5.355 s  |
| 4 | Given The user is in the Try Editor page for the Implementation using collections.deque page                                  | PASSED | 2.324 s  |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 2 and clicks on Run button for the | PASSED | 1.772 s  |
|   | Implementation using collections.deque page   |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Implementation of Queue in Python page         | PASSED | 0.002 s  |

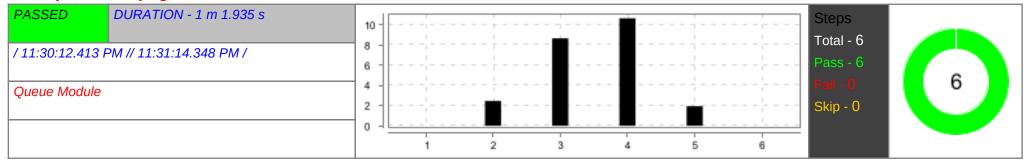
Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Implementation using collections.deque page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.001 s  |
| 2 | When User clicks the Get Started button   | PASSED | 1.049 s  |
| 3 | And login with "Login_Valid" and 1  | PASSED | 3.956 s  |
| 4 | Given The user is in the Try Editor page for the Implementation using collections.deque page                                  | PASSED | 3.205 s  |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 3 and clicks on Run button for the | PASSED | 0.981 s  |

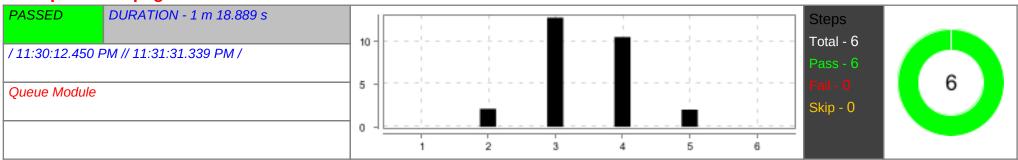
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
|   | Implementation using collections.deque page   |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Implementation of Queue in Python page | PASSED | 0.000 s  |

### Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Queue Operations page



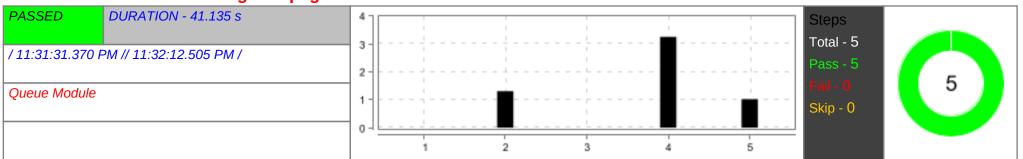
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.000 s  |
| 2 | When User clicks the Get Started button   | PASSED | 2.459 s  |
| 3 | And login with "Login_Valid" and 1  | PASSED | 8.640 s  |
| 4 | Given The user is in the Try Editor page for the Queue Operations page  | PASSED | 10.626 s |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 2 and clicks on Run button for the | PASSED | 1.938 s  |
|   | Queue Operations page   |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Implementation of Queue in Python page         | PASSED | 0.003 s  |

# Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Queue Operations page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.001 s  |
| 2 | When User clicks the Get Started button   | PASSED | 2.089 s  |
| 3 | And login with "Login_Valid" and 1  | PASSED | 12.746 s |
| 4 | Given The user is in the Try Editor page for the Queue Operations page  | PASSED | 10.474 s |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 3 and clicks on Run button for the | PASSED | 2.000 s  |
|   | Queue Operations page   |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Implementation of Queue in Python page         | PASSED | 0.001 s  |

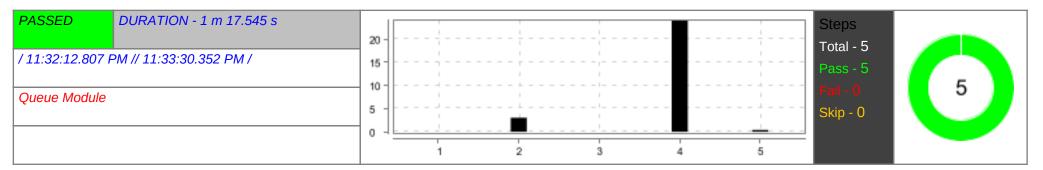
Verify that the user is able to get an error message when username (with special characters other than @) in the username field in the Register page is entered



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page   | PASSED | 0.002 s  |
| 2 | When User clicks the Get Started button  | PASSED | 1.306 s  |
| 3 | Given User is in the Register page after clicking Register link in the home page       | PASSED | 0.001 s  |
| 4 | When User enters invalid data from excel sheet 'Register' and 6 for the username field | PASSED | 3.253 s  |
| 5 | Then User should be able to get error message for username in the Register page        | PASSED | 1.023 s  |

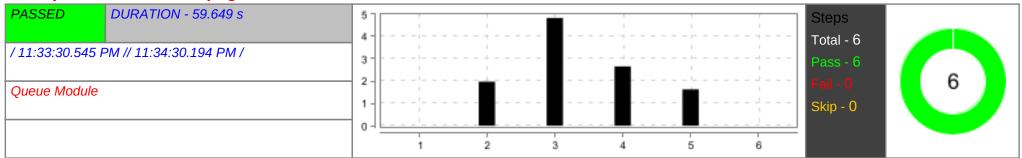
Verify that the user is able to get a pop-up message when username, password and password confirmation field are left blank

DETAILED SECTION -- 79 --



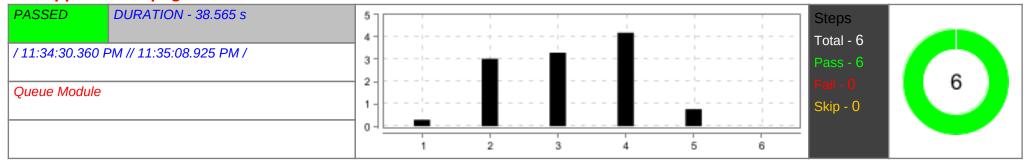
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page   | PASSED | 0.000 s  |
| 2 | When User clicks the Get Started button  | PASSED | 3.034 s  |
| 3 | Given User is in the Register page after clicking Register link in the home page                 | PASSED | 0.016 s  |
| 4 | When The user enters data from excel sheet 'Register' and 16 for all the fields to be left blank | PASSED | 23.978 s |
| 5 | Then The user should be able to get this pop-up message in the Register page                     | PASSED | 0.390 s  |

# Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Operations in Stack page



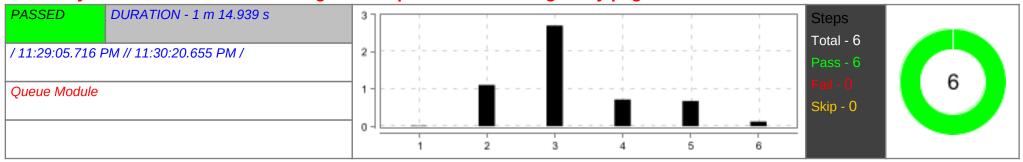
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.000 s  |
| 2 | When User clicks the Get Started button   | PASSED | 1.975 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 4.821 s  |
| 4 | Given The user is in the Try Editor page for the Operations in Stack page   | PASSED | 2.654 s  |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 3 and clicks on Run button for the | PASSED | 1.625 s  |
|   | Operations in Stack page  |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Operations in Stack page                       | PASSED | 0.000 s  |

# Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Applications page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.285 s  |
| 2 | When User clicks the Get Started button   | PASSED | 3.017 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 3.292 s  |
| 4 | Given The user is in the Try Editor page for the Applications page  | PASSED | 4.183 s  |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 3 and clicks on Run button for the | PASSED | 0.766 s  |
|   | Applications page   |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Applications page                              | PASSED | 0.000 s  |

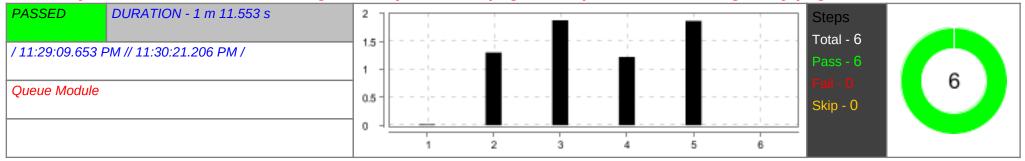
#### Verify that the user is able to navigate to Implementation using Array page



| # | Step / Hook Details                               | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page          | PASSED | 0.015 s  |
| 2 | When User clicks the Get Started button           | PASSED | 1.110 s  |
| 3 | And login with "Login_Valid" and 1                | PASSED | 2.703 s  |
| 4 | Given The user is in the Queue page after Sign-In | PASSED | 0.715 s  |

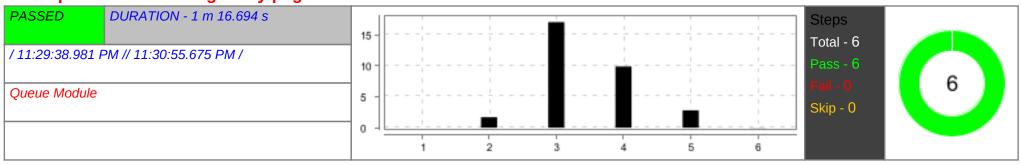
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 5 | When The user clicks Implementation using Array link in the Queue page      | PASSED | 0.676 s  |
| 6 | Then The user should be able to navigate to Implementation using Array page | PASSED | 0.125 s  |

#### Verify that the user is able to navigate to Try Here >>> page for Implementation using Array page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.015 s  |
| 2 | When User clicks the Get Started button   | PASSED | 1.303 s  |
| 3 | And login with "Login_Valid" and 1  | PASSED | 1.879 s  |
| 4 | Given The user is in the Implementation using Array page                        | PASSED | 1.224 s  |
| 5 | When The user clicks Try Here >>> button in the Implementation using Array page | PASSED | 1.867 s  |
| 6 | Then The user should be able to navigate to Try Editor page with Run button     | PASSED | 0.000 s  |

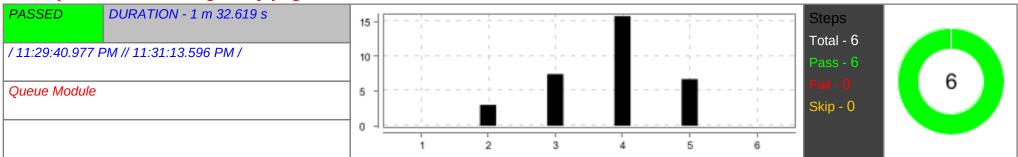
# Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Implementation using Array page



| # | Step / Hook Details                      | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page | PASSED | 0.001 s  |

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 2 | When User clicks the Get Started button   | PASSED | 1.701 s  |
| 3 | And login with "Login_Valid" and 1  | PASSED | 17.011 s |
| 4 | Given The user is in the Try Editor page for the Implementation using Array page  | PASSED | 9.878 s  |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 1 and clicks on Run button for the | PASSED | 2.802 s  |
|   | Implementation using Array page   |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Implementation of Queue in Python page         | PASSED | 0.016 s  |

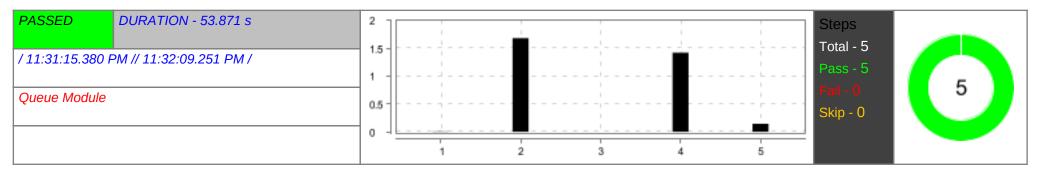
Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Implementation using Array page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.006 s  |
| 2 | When User clicks the Get Started button   | PASSED | 3.011 s  |
| 3 | And login with "Login_Valid" and 1  | PASSED | 7.442 s  |
| 4 | Given The user is in the Try Editor page for the Implementation using Array page  | PASSED | 15.761 s |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 3 and clicks on Run button for the | PASSED | 6.710 s  |
|   | Implementation using Array page   |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Implementation of Queue in Python page         | PASSED | 0.000 s  |

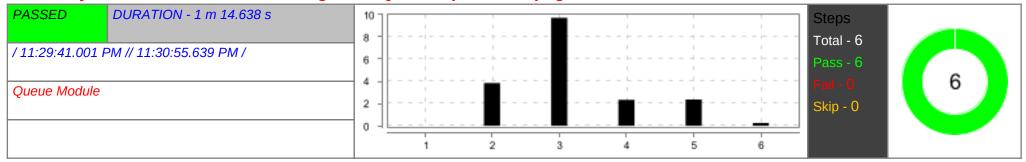
Verify that the user is able to enter username in the username field

DETAILED SECTION -- 83 --



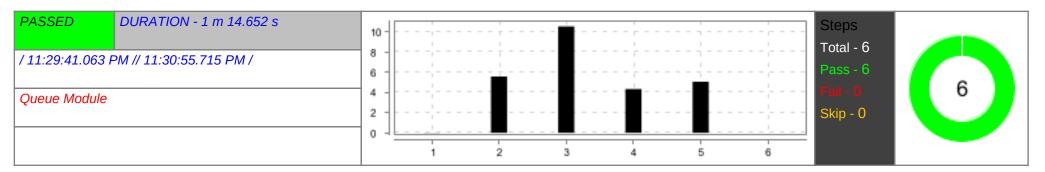
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page   | PASSED | 0.006 s  |
| 2 | When User clicks the Get Started button  | PASSED | 1.683 s  |
| 3 | Given User is in the Register page after clicking Register link in the home page               | PASSED | 0.001 s  |
| 4 | When User wants to enter data from excel sheet 'Register' and 4 for the username field         | PASSED | 1.422 s  |
| 5 | Then User should be able to enter username after clicking Register button in the Register page | PASSED | 0.143 s  |

#### Verify that the user is able to navigate to Queue Operations page



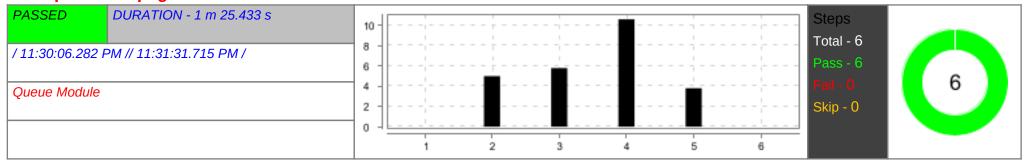
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page                          | PASSED | 0.002 s  |
| 2 | When User clicks the Get Started button                           | PASSED | 3.844 s  |
| 3 | And login with "Login_Valid" and 1                                | PASSED | 9.712 s  |
| 4 | Given The user is in the Queue page after Sign-In                 | PASSED | 2.337 s  |
| 5 | When The user clicks Queue Operations link in the Queue page      | PASSED | 2.363 s  |
| 6 | Then The user should be able to navigate to Queue Operations page | PASSED | 0.251 s  |

DETAILED SECTION -- 84 --



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page                                    | PASSED | 0.013 s  |
| 2 | When User clicks the Get Started button                                     | PASSED | 5.570 s  |
| 3 | And login with "Login_Valid" and 1  | PASSED | 10.513 s |
| 4 | Given The user is in the Queue Operations page                              | PASSED | 4.326 s  |
| 5 | When The user clicks Try Here >>> button in the Queue Operations page       | PASSED | 5.046 s  |
| 6 | Then The user should be able to navigate to Try Editor page with Run button | PASSED | 0.000 s  |

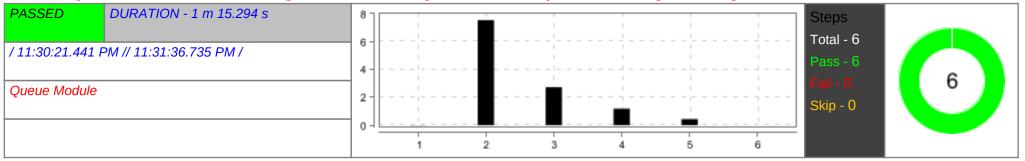
Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Queue Operations page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.001 s  |
| 2 | When User clicks the Get Started button   | PASSED | 4.980 s  |
| 3 | And login with "Login_Valid" and 1  | PASSED | 5.772 s  |
| 4 | Given The user is in the Try Editor page for the Queue Operations page  | PASSED | 10.587 s |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 1 and clicks on Run button for the | PASSED | 3.791 s  |
|   | Queue Operations page   |        |          |

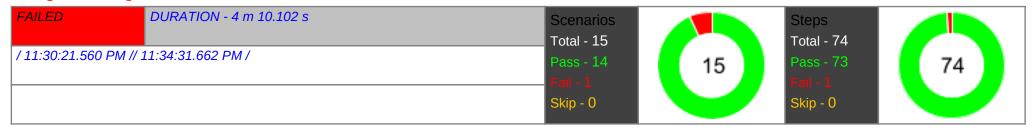
|   | # | Step / Hook Details   | Status | Duration |
|---|---|---|--------|----------|
| ( | 6 | Then The user should be able to get an output in the Try Editor screen for the Implementation of Queue in Python page | PASSED | 0.000 s  |

#### **Verify that user is able to navigate to Practice Questions for operations in Queue Page**



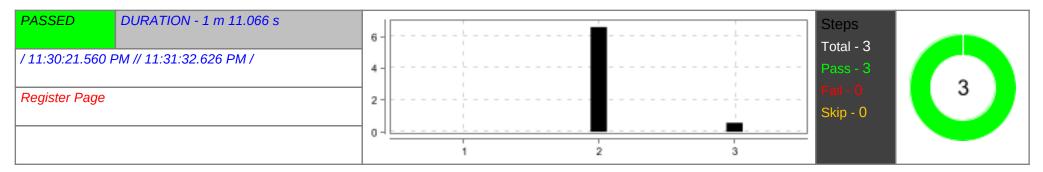
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page                        | PASSED | 0.007 s  |
| 2 | When User clicks the Get Started button                         | PASSED | 7.525 s  |
| 3 | And login with "Login_Valid" and 1                              | PASSED | 2.716 s  |
| 4 | Given The user is in the Implementation of Queue in Python page | PASSED | 1.180 s  |
| 5 | When The User clicks Practice questions link in Queue page      | PASSED | 0.431 s  |
| 6 | Then The user should be redirected to Practice page of Queue    | PASSED | 0.004 s  |

#### **Register Page**



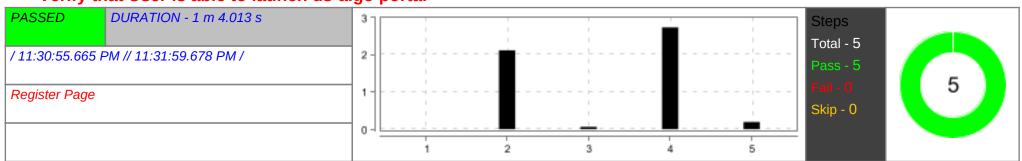
Verify that the user is able to navigate to the home page

DETAILED SECTION -- 86



| # | Step / Hook Details                                   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page              | PASSED | 0.001 s  |
| 2 | When User clicks the Get Started button               | PASSED | 6.591 s  |
| 3 | Then User should be able to navigate to the home page | PASSED | 0.562 s  |

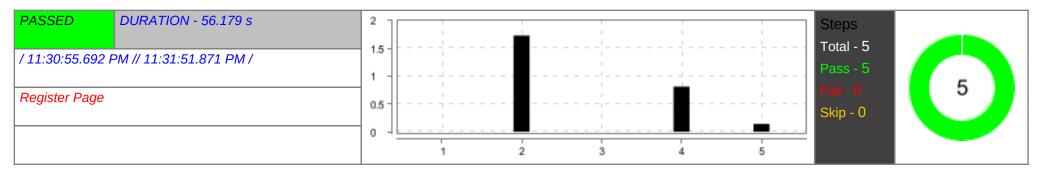
#### **Verify that User is able to launch ds-algo portal**



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page                           | PASSED | 0.000 s  |
| 2 | When User clicks the Get Started button                            | PASSED | 2.121 s  |
| 3 | Given User is in the home page after launching ds-algo portal page | PASSED | 0.063 s  |
| 4 | When User clicks Register link in the home page                    | PASSED | 2.738 s  |
| 5 | Then User should be able to navigate to Register page              | PASSED | 0.193 s  |

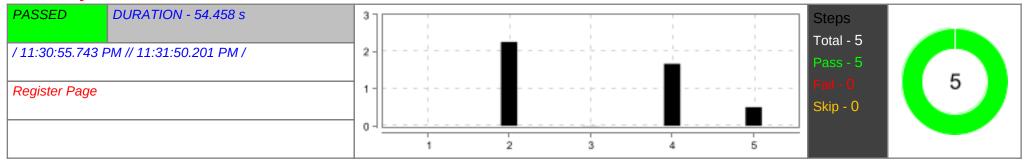
Verify that the user is able to enter username in the username field

DETAILED SECTION -- 87 --



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page   | PASSED | 0.000 s  |
| 2 | When User clicks the Get Started button  | PASSED | 1.731 s  |
| 3 | Given User is in the Register page after clicking Register link in the home page               | PASSED | 0.000 s  |
| 4 | When User wants to enter data from excel sheet 'Register' and 1 for the username field         | PASSED | 0.812 s  |
| 5 | Then User should be able to enter username after clicking Register button in the Register page | PASSED | 0.142 s  |

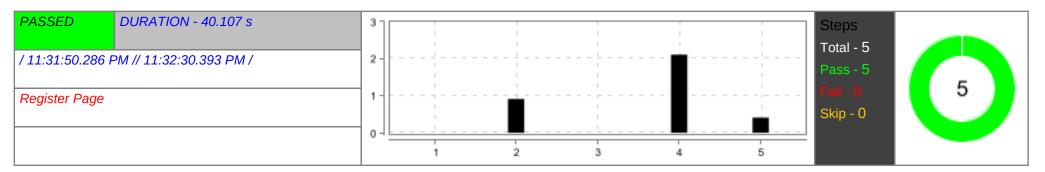
#### Verify that the user is able to enter username in the username field



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page   | PASSED | 0.001 s  |
| 2 | When User clicks the Get Started button  | PASSED | 2.260 s  |
| 3 | Given User is in the Register page after clicking Register link in the home page               | PASSED | 0.004 s  |
| 4 | When User wants to enter data from excel sheet 'Register' and 2 for the username field         | PASSED | 1.672 s  |
| 5 | Then User should be able to enter username after clicking Register button in the Register page | PASSED | 0.503 s  |

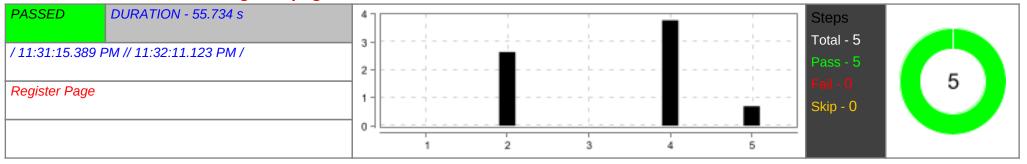
Verify that the user is able to enter password in the field

DETAILED SECTION -- 88



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page   | PASSED | 0.001 s  |
| 2 | When User clicks the Get Started button  | PASSED | 0.912 s  |
| 3 | Given User is in the Register page after clicking Register link in the home page               | PASSED | 0.000 s  |
| 4 | When User wants to enter data from excel sheet 'Register' and 10 for the password field        | PASSED | 2.106 s  |
| 5 | Then User should be able to enter password after clicking Register button in the Register page | PASSED | 0.411 s  |

Verify that the user is able to get an error message when username (with special characters other than @) in the username field in the Register page is entered



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page   | PASSED | 0.003 s  |
| 2 | When User clicks the Get Started button  | PASSED | 2.640 s  |
| 3 | Given User is in the Register page after clicking Register link in the home page       | PASSED | 0.003 s  |
| 4 | When User enters invalid data from excel sheet 'Register' and 5 for the username field | PASSED | 3.774 s  |
| 5 | Then User should be able to get error message for username in the Register page        | PASSED | 0.699 s  |

Verify that the user is able to get a pop-up message when username, password and password confirmation field are

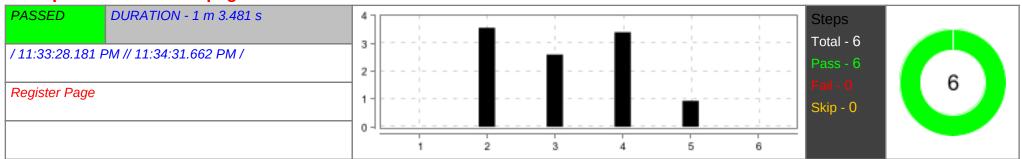
DETAILED SECTION -- 89 --

#### left blank

| 20 | 1  |    |    | _  |      | Steps     |    |
|----|----|----|----|----|------|-----------|----|
| 15 |    |    |    |    |      | Total - 5 |    |
| 10 |    |    |    |    |      | Pass - 5  |    |
| 5  |    |    |    |    |      | Fail - 0  | 5  |
|    |    |    |    |    |      | Skip - 0  |    |
| 0  | 1  | 2  | 3  | 4  | 5    |           |    |
|    | 15 | 15 | 15 | 15 | 15 - | 15 -      | 15 |

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page   | PASSED | 0.007 s  |
| 2 | When User clicks the Get Started button  | PASSED | 4.885 s  |
| 3 | Given User is in the Register page after clicking Register link in the home page                 | PASSED | 0.001 s  |
| 4 | When The user enters data from excel sheet 'Register' and 15 for all the fields to be left blank | PASSED | 19.119 s |
| 5 | Then The user should be able to get this pop-up message in the Register page                     | PASSED | 2.804 s  |

# Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Operations in Stack page

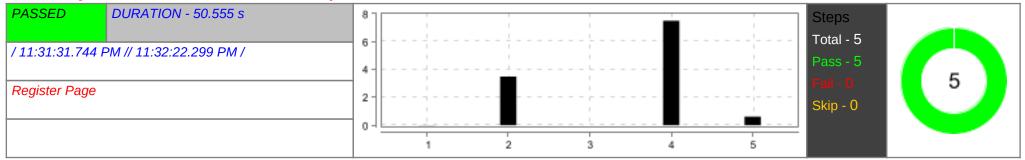


| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.001 s  |
| 2 | When User clicks the Get Started button   | PASSED | 3.562 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 2.601 s  |
| 4 | Given The user is in the Try Editor page for the Operations in Stack page   | PASSED | 3.399 s  |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 2 and clicks on Run button for the | PASSED | 0.933 s  |
|   | Operations in Stack page  |        |          |

DETAILED SECTION -- 90 --

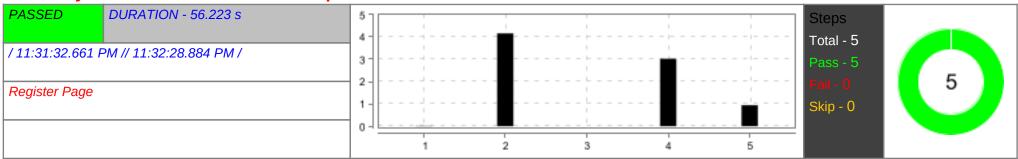
|   | # | Step / Hook Details   | Status | Duration |
|---|---|---|--------|----------|
| 6 | i | Then The user should be able to get an output in the Try Editor screen for the Operations in Stack page | PASSED | 0.000 s  |

### Verify that the user is able to enter password in the field



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page   | PASSED | 0.008 s  |
| 2 | When User clicks the Get Started button  | PASSED | 3.481 s  |
| 3 | Given User is in the Register page after clicking Register link in the home page               | PASSED | 0.001 s  |
| 4 | When User wants to enter data from excel sheet 'Register' and 7 for the password field         | PASSED | 7.479 s  |
| 5 | Then User should be able to enter password after clicking Register button in the Register page | PASSED | 0.605 s  |

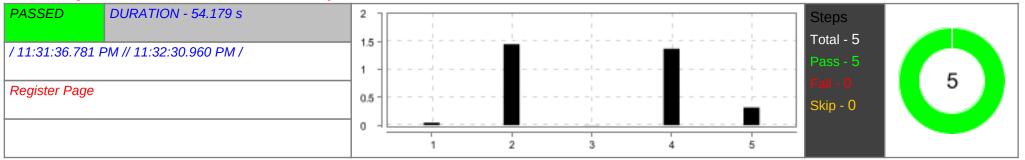
### Verify that the user is able to enter password in the field



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page   | PASSED | 0.015 s  |
| 2 | When User clicks the Get Started button  | PASSED | 4.154 s  |
| 3 | Given User is in the Register page after clicking Register link in the home page       | PASSED | 0.000 s  |
| 4 | When User wants to enter data from excel sheet 'Register' and 8 for the password field | PASSED | 3.017 s  |

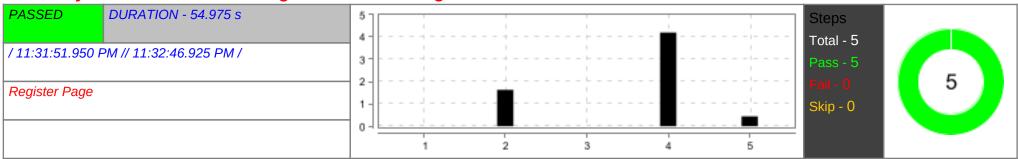
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 5 | Then User should be able to enter password after clicking Register button in the Register page | PASSED | 0.936 s  |

#### Verify that the user is able to enter password in the field



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page   | PASSED | 0.044 s  |
| 2 | When User clicks the Get Started button  | PASSED | 1.451 s  |
| 3 | Given User is in the Register page after clicking Register link in the home page               | PASSED | 0.003 s  |
| 4 | When User wants to enter data from excel sheet 'Register' and 9 for the password field         | PASSED | 1.369 s  |
| 5 | Then User should be able to enter password after clicking Register button in the Register page | PASSED | 0.317 s  |

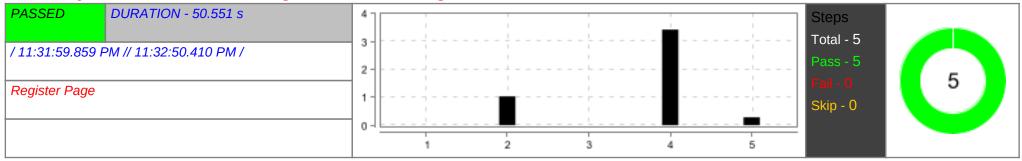
#### Verify that the user is able to get an error message



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.000 s  |
| 2 | When User clicks the Get Started button   | PASSED | 1.629 s  |
| 3 | Given User is in the Register page after clicking Register link in the home page        | PASSED | 0.001 s  |
| 4 | When User enters invalid data from excel sheet 'Register' and 11 for the password field | PASSED | 4.190 s  |

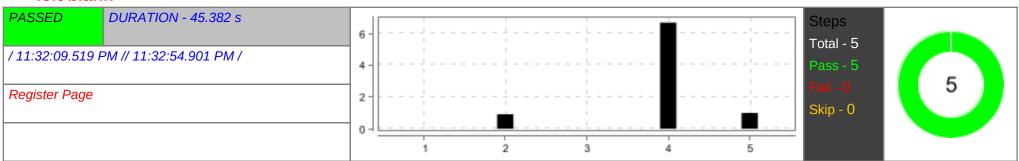
|   | # | Step / Hook Details  | Status | Duration |
|---|---|--|--------|----------|
| 5 | 5 | Then User should be able to get an error message for password in the Register page | PASSED | 0.438 s  |

#### Verify that the user is able to get an error message



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.001 s  |
| 2 | When User clicks the Get Started button   | PASSED | 1.034 s  |
| 3 | Given User is in the Register page after clicking Register link in the home page        | PASSED | 0.001 s  |
| 4 | When User enters invalid data from excel sheet 'Register' and 12 for the password field | PASSED | 3.423 s  |
| 5 | Then User should be able to get an error message for password in the Register page      | PASSED | 0.282 s  |

### Verify that the user is able to get a pop-up message when username, password and password confirmation field are left blank

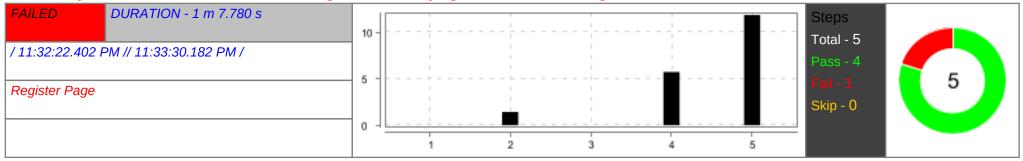


| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page   | PASSED | 0.001 s  |
| 2 | When User clicks the Get Started button  | PASSED | 0.917 s  |
| 3 | Given User is in the Register page after clicking Register link in the home page | PASSED | 0.002 s  |

DETAILED SECTION -- 93 --

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 4 | When The user enters data from excel sheet 'Register' and 14 for all the fields to be left blank | PASSED | 6.678 s  |
| 5 | Then The user should be able to get this pop-up message in the Register page                     | PASSED | 0.991 s  |

### Verify that the user is able to naviagte to home page with the message

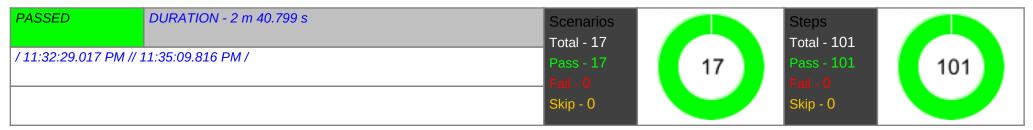


| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.001 s  |
| 2 | When User clicks the Get Started button   | PASSED | 1.418 s  |
| 3 | Given User is in the Register page to enter username, password and password confirmation  | PASSED | 0.001 s  |
| 4 | When User enters data from excel sheet 'Register' and 17 for all the fields and click RegisterButton  | PASSED | 5.725 s  |
| 5 | Then User should be able to naviagte to home page and get the success message   | FAILED | 11.838 s |
|   | org.openqa.selenium.NoSuchElementException: no such element: Unable to locate element: {"method":"xpath","selector":"//div[contains(text(),'Account Created')]"} (Session info: chrome=133.0.6943.127) For documentation on this error, please visit: https://www.selenium.dev/documentation/webdriver/troubleshooting/errors#no-such-element-exception Build info: version: '4.28.0', revision: 'ac342546e9' System info: os.name: "Windows 11', os.arch: amd64', os.version: '10.0', java.version: '23.0.1' Driver info: org. openqa.selenium.chrome.ChromeDriver Command: [577e4258644ffa521c3415b7be4831bb, findElement {using=xpath, value=//div[contains(text(),'Account Created')]}] Capabilities {acceptInsecureCerts: false, browserName: chrome, browserVersion: 133.0.6943.127, chrome: {chromedriverVersion: 133.0.6943.126 (cffa127ce7b, userDataDir: C:\Users\VIJAYA~1\AppData\L}, fedcm:accounts: true, goog:chromeOptions: {debuggerAddress: localhost:55427}, networkConnectionEnabled: false, pageLoadStrategy: normal, platformName: windows, proxy: Proxy(), se:cdp: ws://localhost:55427/devtoo, se:cdp/Version: 133.0.6943.127, setWindowRect: true, strictFileInteractability: false, timeouts: {implicit: 0, pageLoad: 300000, script: 30000}, unhandledPromptBehavior: dismiss and notify, webauthn:extension:credBlob: true, webauthn:extension:largeBlob: true, webauthn:extension:minPinLength: true, webauthn:extension:prf: true, webauthn:virtualAuthenticators: true} Session ID: 577e4258644ffa521c3415b7be4831bb at java.base/jdk.internal.reflect.DirectConstructorHandleAccessor.newInstance(DirectConstructorHandleAccessor.java:62) at java.base/java.lang.reflect.Constructor.newInstance(Constructor.java:485) at org.openqa.selenium.remote.ErrorCodec.decode(ErrorCodec.java:167) at org.openqa.selenium.remote.Codec.w3c.W3CHttpResponseCodec.decode(W3CHttpResponseCodec.java:138) at org.openqa.selenium.remote.ChttpCommandExecutor.execute(HttpCommandExecutor.java:215) |        |          |

DETAILED SECTION -- 94 --

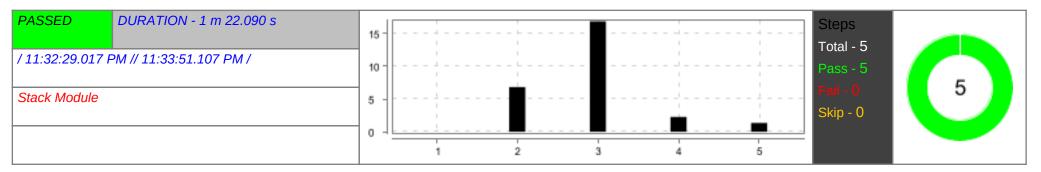
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
|   | at org.openqa.selenium.remote.service.DriverCommandExecutor.invokeExecute(DriverCommandExecutor.java:216)  |        |          |
|   | at org.openqa.selenium.remote.service.DriverCommandExecutor.execute(DriverCommandExecutor.java:174)  |        |          |
|   | at org.openqa.selenium.remote.RemoteWebDriver.execute(RemoteWebDriver.java:545)  |        |          |
|   | at org.openqa.selenium.remote.ElementLocation\$ElementFinder\$2.findElement(ElementLocation.java:165)  |        |          |
|   | at org.openqa.selenium.remote.ElementLocation.findElement(ElementLocation.java:59)   |        |          |
|   | at org.openqa.selenium.remote.RemoteWebDriver.findElement(RemoteWebDriver.java:368)  |        |          |
|   | at org.openqa.selenium.remote.RemoteWebDriver.findElement(RemoteWebDriver.java:362)  |        |          |
|   | at org.openqa.selenium.support.pagefactory.DefaultElementLocator.findElement(DefaultElementLocator.java:68)  |        |          |
|   | at org.openqa.selenium.support.pagefactory.internal.LocatingElementHandler.invoke(LocatingElementHandler.java:38)  |        |          |
|   | at jdk.proxy2/jdk.proxy2.\$Proxy44.getText(Unknown Source)   |        |          |
|   | at dsAlgo_PageFactory.Register_PageFactory.successMessageDisplayed(Register_PageFactory.java:61)   |        |          |
|   | at dsAlgo_StepDefinition.Register.user_should_be_able_to_naviagte_to_home_page_and_get_the_success_message(Register.java:144)  |        |          |
|   | at ?.User should be able to naviagte to home page and get the success message(file:///C:/Users/Vijayalakshmi/git/CodeCrackers_DsAlgo/  |        |          |
|   | src/test/resources/features/Register.feature:74)   |        |          |
|   | * Not displayable characters are replaced by '?'.  |        |          |
|   | AFTER_STEP - dsAlgo_Hooks.Hooks.afterstep(io.cucumber.java.Scenario)   | PASSED | 3.501 s  |
|   | My screenshot  | ]      |          |
|   | Mangaling Incolors* Number 1   |        |          |
|   | The Stration Mondation Any Uniform Conference on the Stration Conference on |        |          |
|   | Got been Got |        |          |
|   | Feature Tay in Stage 1 (See 1) and 1 (See 1) |        |          |
|   | for hands for hands  |        |          |

#### **Stack Module**



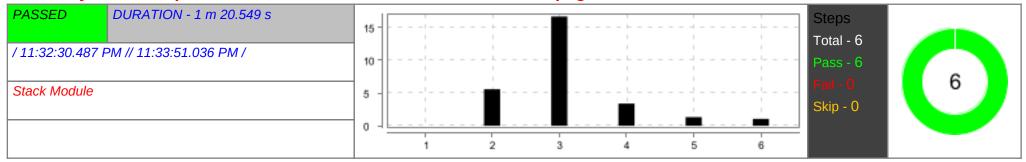
Verify that the user is able to click on Get Started button under Stack section

DETAILED SECTION -- 95



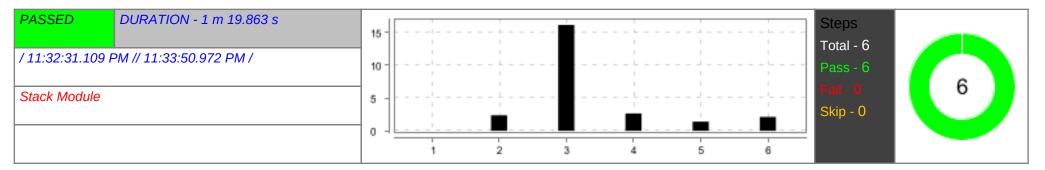
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page                       | PASSED | 0.002 s  |
| 2 | When User clicks the Get Started button                        | PASSED | 6.838 s  |
| 3 | Then login with "Login_Valid" and 1                            | PASSED | 16.878 s |
| 4 | When User clicks on the Get Started button under Stack section | PASSED | 2.270 s  |
| 5 | Then User is navigated to Stack page                           | PASSED | 1.355 s  |

### Verify that the Operations in Stack link is enabled in the Stack page



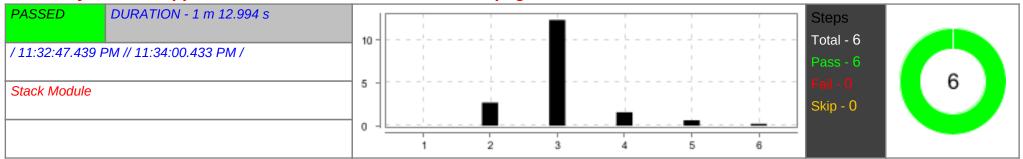
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page   | PASSED | 0.013 s  |
| 2 | When User clicks the Get Started button  | PASSED | 5.584 s  |
| 3 | Then login with "Login_Valid" and 1  | PASSED | 16.703 s |
| 4 | Given The user is in the Stack page after Sign-In                                      | PASSED | 3.384 s  |
| 5 | When The user checks whether the Operations in Stack link is enabled                   | PASSED | 1.315 s  |
| 6 | Then The user should be able to see Operations in Stack link enabled in the Stack page | PASSED | 1.047 s  |

DETAILED SECTION -- 96 --



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.009 s  |
| 2 | When User clicks the Get Started button   | PASSED | 2.367 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 16.188 s |
| 4 | Given The user is in the Stack page after Sign-In                                 | PASSED | 2.643 s  |
| 5 | When The user checks whether the Implementation link is enabled                   | PASSED | 1.393 s  |
| 6 | Then The user should be able to see Implementation link enabled in the Stack page | PASSED | 2.111 s  |

### Verify that the Applications link is enabled in the Stack page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.001 s  |
| 2 | When User clicks the Get Started button   | PASSED | 2.680 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 12.307 s |
| 4 | Given The user is in the Stack page after Sign-In                               | PASSED | 1.573 s  |
| 5 | When The user checks whether the Applications link is enabled                   | PASSED | 0.639 s  |
| 6 | Then The user should be able to see Applications link enabled in the Stack page | PASSED | 0.217 s  |

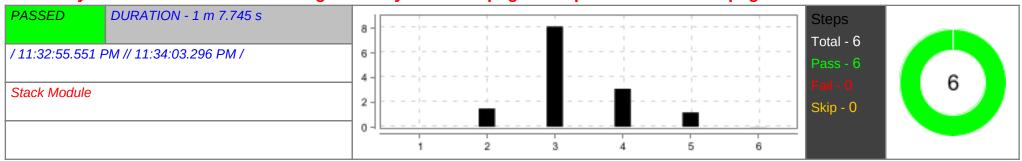
DETAILED SECTION -- 97 --

#### Verify that the user is able to navigate to Operations in Stack page

| PASSED DURATION - 1 m 0.466 s          | 8- Steps               |  |
|--|------------------------|--|
| / 11:32:50.572 PM // 11:33:51.038 PM / | 6 - Total - 6 Pass - 6 |  |
| Stack Module                           | 6<br>Skip - 0          |  |
|  | 1 2 3 4 5 6            |  |

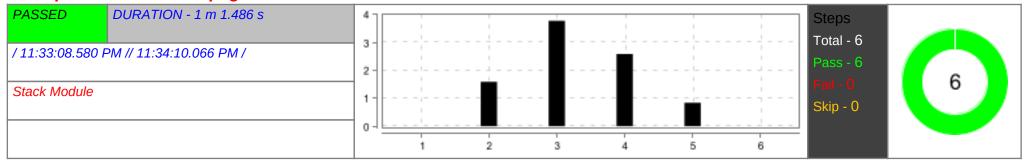
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page                             | PASSED | 0.001 s  |
| 2 | When User clicks the Get Started button                              | PASSED | 2.908 s  |
| 3 | Then login with "Login_Valid" and 1                                  | PASSED | 8.135 s  |
| 4 | Given The user is in the Stack page after Sign-In                    | PASSED | 1.003 s  |
| 5 | When The user clicks Operations in Stack link in the Stack page      | PASSED | 1.298 s  |
| 6 | Then The user should be able to navigate to Operations in Stack page | PASSED | 0.104 s  |

#### Verify that the user is able to navigate to Try Here >>> page for Operations in Stack page



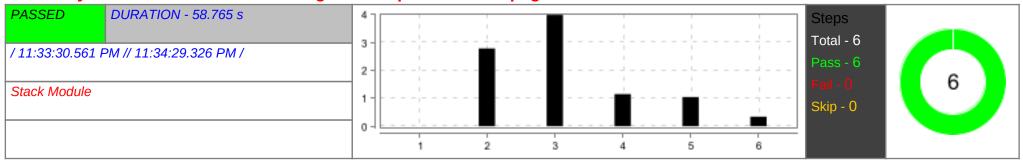
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.000 s  |
| 2 | When User clicks the Get Started button   | PASSED | 1.483 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 8.121 s  |
| 4 | Given The user is in the Operations in Stack page   | PASSED | 3.077 s  |
| 5 | When The user clicks Try Here >>> button in the Operations in Stack page                  | PASSED | 1.168 s  |
| 6 | Then The user should be able to navigate to Stack Try Editor page with Run button to test | PASSED | 0.012 s  |

# Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Operations in Stack page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.000 s  |
| 2 | When User clicks the Get Started button   | PASSED | 1.587 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 3.776 s  |
| 4 | Given The user is in the Try Editor page for the Operations in Stack page   | PASSED | 2.585 s  |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 1 and clicks on Run button for the | PASSED | 0.837 s  |
|   | Operations in Stack page  |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Operations in Stack page                       | PASSED | 0.002 s  |

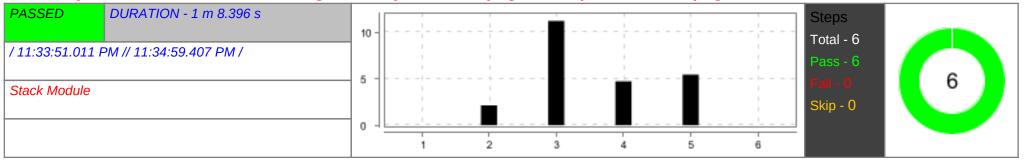
### Verify that the user is able to navigate to Implementation page



| # | Step / Hook Details                               | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page          | PASSED | 0.001 s  |
| 2 | When User clicks the Get Started button           | PASSED | 2.785 s  |
| 3 | Then login with "Login_Valid" and 1               | PASSED | 3.987 s  |
| 4 | Given The user is in the Stack page after Sign-In | PASSED | 1.147 s  |

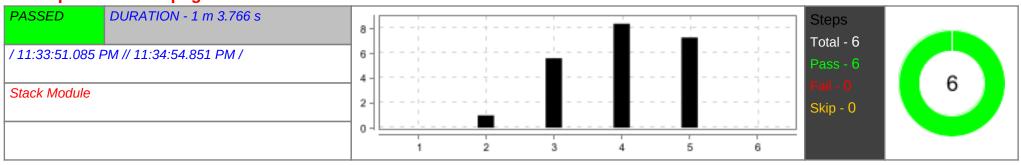
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 5 | When The user clicks Implementation link in the Stack page      | PASSED | 1.046 s  |
| 6 | Then The user should be able to navigate to Implementation page | PASSED | 0.339 s  |

#### Verify that the user is able to navigate to Try Here >>> page for Implementation page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.000 s  |
| 2 | When User clicks the Get Started button   | PASSED | 2.128 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 11.209 s |
| 4 | Given The user is in the Implementation page  | PASSED | 4.717 s  |
| 5 | When The user clicks Try Here >>> button in the Implementation page                       | PASSED | 5.443 s  |
| 6 | Then The user should be able to navigate to Stack Try Editor page with Run button to test | PASSED | 0.000 s  |

# Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Implementation page

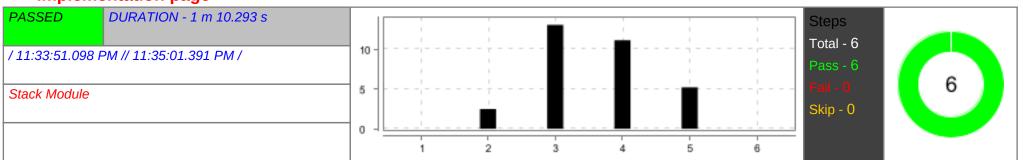


| # | Step / Hook Details                      | Status | Duration |
|---|--|--------|----------|
| 1 | Given User is in the ds-algo launch page | PASSED | 0.000 s  |

DETAILED SECTION -- 100 --

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 2 | When User clicks the Get Started button   | PASSED | 0.996 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 5.592 s  |
| 4 | Given The user is in the Try Editor page for the Implementation page  | PASSED | 8.373 s  |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 2 and clicks on Run button for the |        | 7.273 s  |
|   | Implementation page   |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Implementation page                            | PASSED | 0.000 s  |

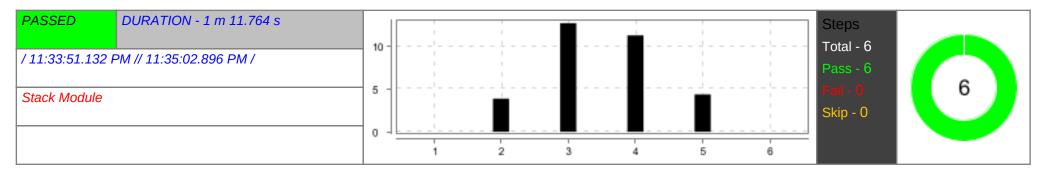
Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Implementation page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.003 s  |
| 2 | When User clicks the Get Started button   | PASSED | 2.480 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 13.067 s |
| 4 | Given The user is in the Try Editor page for the Implementation page  | PASSED | 11.142 s |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 1 and clicks on Run button for the | PASSED | 5.215 s  |
|   | Implementation page   |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Implementation page                            | PASSED | 0.000 s  |

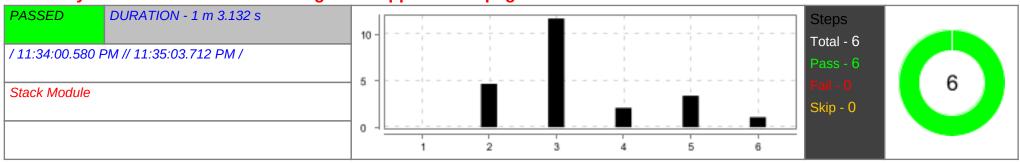
Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Implementation page

DETAILED SECTION -- 101 --



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.001 s  |
| 2 | When User clicks the Get Started button   | PASSED | 3.872 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 12.696 s |
| 4 | Given The user is in the Try Editor page for the Implementation page  | PASSED | 11.256 s |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 3 and clicks on Run button for the | PASSED | 4.371 s  |
|   | Implementation page   |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Implementation page                            | PASSED | 0.003 s  |

#### Verify that the user is able to navigate to Applications page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page                      | PASSED | 0.001 s  |
| 2 | When User clicks the Get Started button                       | PASSED | 4.660 s  |
| 3 | Then login with "Login_Valid" and 1                           | PASSED | 11.679 s |
| 4 | Given The user is in the Stack page after Sign-In             | PASSED | 2.070 s  |
| 5 | When The user clicks Applications link in the Stack page      | PASSED | 3.386 s  |
| 6 | Then The user should be able to navigate to Applications page | PASSED | 1.077 s  |

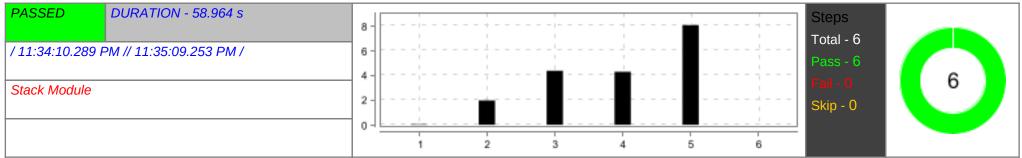
DETAILED SECTION -- 102 --

#### Verify that the user is able to navigate to Try Here >>> page for Applications page

| PASSED DURATION - 1 m 1.163 s          | 10 - |     |   |   |   |   | Steps Total - 6      |   |
|--|------|-----|---|---|---|---|----------------------|---|
| / 11:34:03.327 PM // 11:35:04.490 PM / | 5 -  |     |   |   |   |   | Pass - 6             | 6 |
| Stack Module                           |      |     |   |   |   |   | Fail - 0<br>Skip - 0 |   |
|  | 0 -  | 1 2 | 3 | 4 | 5 | 6 |                      |   |

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.000 s  |
| 2 | When User clicks the Get Started button   | PASSED | 4.023 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 11.889 s |
| 4 | Given The user is in the Applications page  | PASSED | 6.039 s  |
| 5 | When The user clicks Try Here >>> button in the Applications page                         | PASSED | 9.980 s  |
| 6 | Then The user should be able to navigate to Stack Try Editor page with Run button to test | PASSED | 0.000 s  |

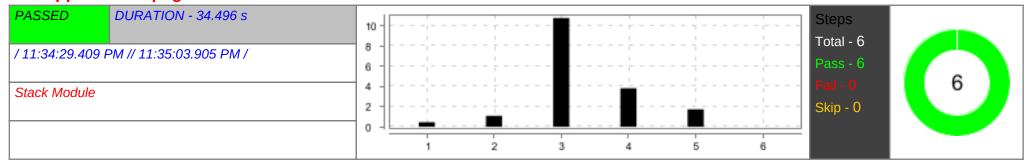
# Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Applications page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.037 s  |
| 2 | When User clicks the Get Started button   | PASSED | 1.972 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 4.374 s  |
| 4 | Given The user is in the Try Editor page for the Applications page  | PASSED | 4.284 s  |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 1 and clicks on Run button for the | PASSED | 8.059 s  |

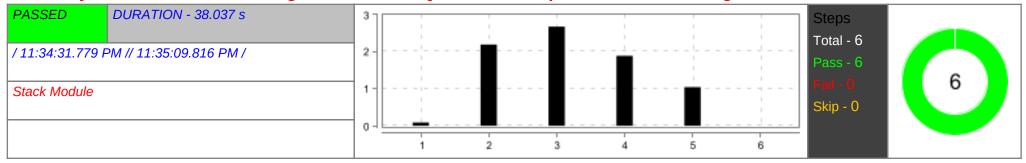
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
|   | Applications page  |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Applications page | PASSED | 0.001 s  |

### Verify that the user is able to see output for valid, invalid and incorrect syntax Python code is entered for the Applications page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page  | PASSED | 0.460 s  |
| 2 | When User clicks the Get Started button   | PASSED | 1.088 s  |
| 3 | Then login with "Login_Valid" and 1   | PASSED | 10.759 s |
| 4 | Given The user is in the Try Editor page for the Applications page  | PASSED | 3.800 s  |
| 5 | When User enters valid, invalid and incorrect syntax code from excel sheet 'TryEditor' and 2 and clicks on Run button for the | PASSED | 1.726 s  |
|   | Applications page   |        |          |
| 6 | Then The user should be able to get an output in the Try Editor screen for the Applications page                              | PASSED | 0.000 s  |

### Verify that user is able to navigate to Practice Questions for operations in stack Page



DETAILED SECTION -- 104 --

| # | Step / Hook Details                                 | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is in the ds-algo launch page            | PASSED | 0.089 s  |
| 2 | When User clicks the Get Started button             | PASSED | 2.191 s  |
| 3 | Then login with "Login_Valid" and 1                 | PASSED | 2.675 s  |
| 4 | Given The user is in the Operations in Stack page   | PASSED | 1.886 s  |
| 5 | When The User clicks Practice questions link        | PASSED | 1.043 s  |
| 6 | Then The user should be redirected to Practice page | PASSED | 0.000 s  |