

# Cucumber Report

Mar 24, 2025, 11:38:49 PM

Start : Mar 24, 11:35:59.559 PM

End : Mar 24, 11:38:48.509 PM

Duration : 2 m 48.950 s

Features

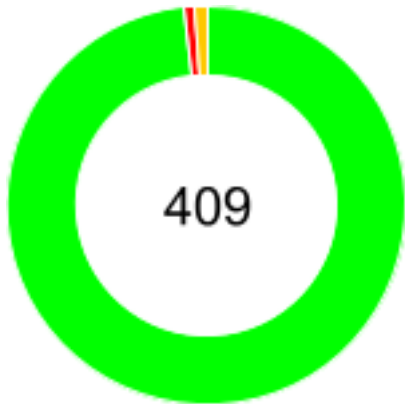
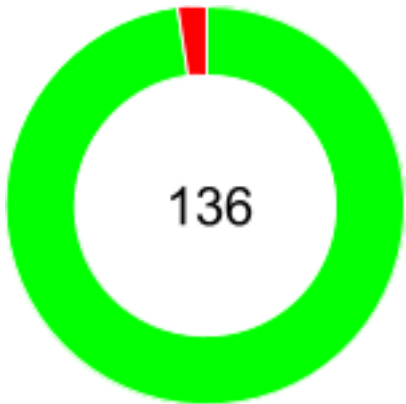
Scenarios

Steps

PASSED - 5  
FAILED - 1  
SKIPPED - 0

PASSED - 133  
FAILED - 3  
SKIPPED - 0

PASSED - 402  
FAILED - 3  
SKIPPED - 4



| Feature                                      |              | Scenario |    |   |   | Step |     |   |   |
|--|--------------|----------|----|---|---|------|-----|---|---|
| Name   | Duration     | T        | P  | F | S | T    | P   | F | S |
| <u>Graph Datastructure</u>                   | 17.279 s     | 14       | 14 | 0 | 0 | 42   | 42  | 0 | 0 |
| <u>Sign In and Sign Out in dsAlgo Portal</u> | 3.135 s      | 8        | 8  | 0 | 0 | 24   | 24  | 0 | 0 |
| <u>Queue DataStructure</u>                   | 50.108 s     | 23       | 20 | 3 | 0 | 69   | 62  | 3 | 4 |
| <u>User Registration</u>                     | 1.485 s      | 4        | 4  | 0 | 0 | 12   | 12  | 0 | 0 |
| <u>Stack DataStructure</u>                   | 9.600 s      | 18       | 18 | 0 | 0 | 54   | 54  | 0 | 0 |
| <u>Tree Datastructure</u>                    | 1 m 27.273 s | 69       | 69 | 0 | 0 | 208  | 208 | 0 | 0 |

| # | Feature Name                               | Scenario Name  |
|---|--|--|
| 1 | <u><a href="#">Queue DataStructure</a></u> | <u><a href="#">Navigate to Queue Data Structure Page</a></u>                             |
| 2 |  | <u><a href="#">Navigate to Implementation of Queue in Python page</a></u>                |
| 3 |  | <u><a href="#">Navigate to try editor page for Implementation of Queue in Python</a></u> |

| <b>TAG</b>  | <b>Scenario</b> |          |          |          | <b>Feature</b> |          |          |          |
|-------------|-----------------|----------|----------|----------|----------------|----------|----------|----------|
| <b>Name</b> | <b>T</b>        | <b>P</b> | <b>F</b> | <b>S</b> | <b>T</b>       | <b>P</b> | <b>F</b> | <b>S</b> |
| @Graph1     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Regression | 136             | 133      | 3        | 0        | 6              | 5        | 1        | 0        |
| @Graph2     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Graph3     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Graph4     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Graph5     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Graph6     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Graph7     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Graph8     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Graph9     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Graph10    | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Graph11    | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Graph12    | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Graph13    | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Graph14    | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @login1     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @login2     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |

| <b>TAG</b>  | <b>Scenario</b> |          |          |          | <b>Feature</b> |          |          |          |
|-------------|-----------------|----------|----------|----------|----------------|----------|----------|----------|
| <b>Name</b> | <b>T</b>        | <b>P</b> | <b>F</b> | <b>S</b> | <b>T</b>       | <b>P</b> | <b>F</b> | <b>S</b> |
| @login3     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @login4     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @login5     | 3               | 3        | 0        | 0        | 1              | 1        | 0        | 0        |
| @login6     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @register1  | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @register2  | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @register3  | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @register4  | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Stack1     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Stack2     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Stack3     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Stack4     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Stack5     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Stack6     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Stack7     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Stack8     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Stack9     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |

| <b>TAG</b>  | <b>Scenario</b> |          |          |          | <b>Feature</b> |          |          |          |
|-------------|-----------------|----------|----------|----------|----------------|----------|----------|----------|
| <b>Name</b> | <b>T</b>        | <b>P</b> | <b>F</b> | <b>S</b> | <b>T</b>       | <b>P</b> | <b>F</b> | <b>S</b> |
| @Stack10    | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Stack11    | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Stack12    | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Stack13    | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Stack14    | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Stack15    | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Stack16    | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Stack17    | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Stack18    | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree1      | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree2      | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree3      | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree4      | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree5      | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree6      | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree7      | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree8      | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |

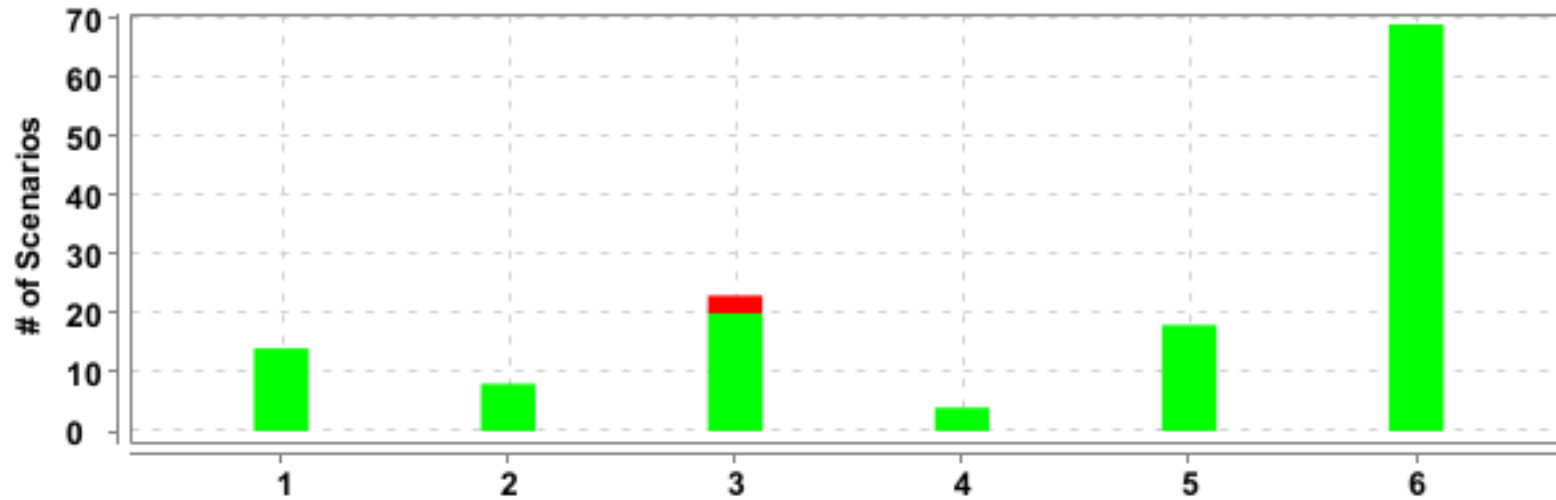
| <b>TAG</b>  | <b>Scenario</b> |          |          |          | <b>Feature</b> |          |          |          |
|-------------|-----------------|----------|----------|----------|----------------|----------|----------|----------|
| <b>Name</b> | <b>T</b>        | <b>P</b> | <b>F</b> | <b>S</b> | <b>T</b>       | <b>P</b> | <b>F</b> | <b>S</b> |
| @Tree9      | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree10     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree11     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree12     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree13     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree14     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree15     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree16     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree17     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree18     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree19     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree20     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree21     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree22     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree23     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree24     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree25     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |

| <b>TAG</b>  | <b>Scenario</b> |          |          |          | <b>Feature</b> |          |          |          |
|-------------|-----------------|----------|----------|----------|----------------|----------|----------|----------|
| <b>Name</b> | <b>T</b>        | <b>P</b> | <b>F</b> | <b>S</b> | <b>T</b>       | <b>P</b> | <b>F</b> | <b>S</b> |
| @Tree26     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree27     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree28     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree29     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree30     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree31     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree32     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree33     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree34     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree35     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree36     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree37     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree38     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree39     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree40     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree41     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree42     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |

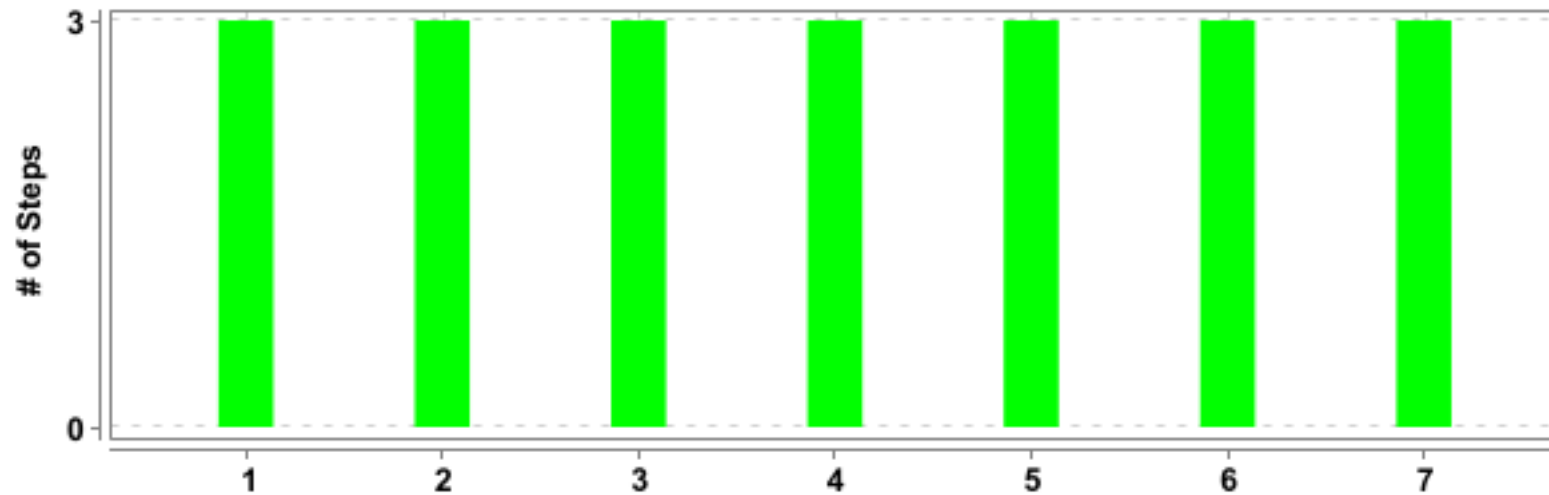


| <b>TAG</b>  | <b>Scenario</b> |          |          |          | <b>Feature</b> |          |          |          |
|-------------|-----------------|----------|----------|----------|----------------|----------|----------|----------|
| <b>Name</b> | <b>T</b>        | <b>P</b> | <b>F</b> | <b>S</b> | <b>T</b>       | <b>P</b> | <b>F</b> | <b>S</b> |
| @Tree43     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree44     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree45     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree46     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree47     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree48     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree49     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree50     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree51     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree52     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree53     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree54     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree55     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree56     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree57     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree58     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree59     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |

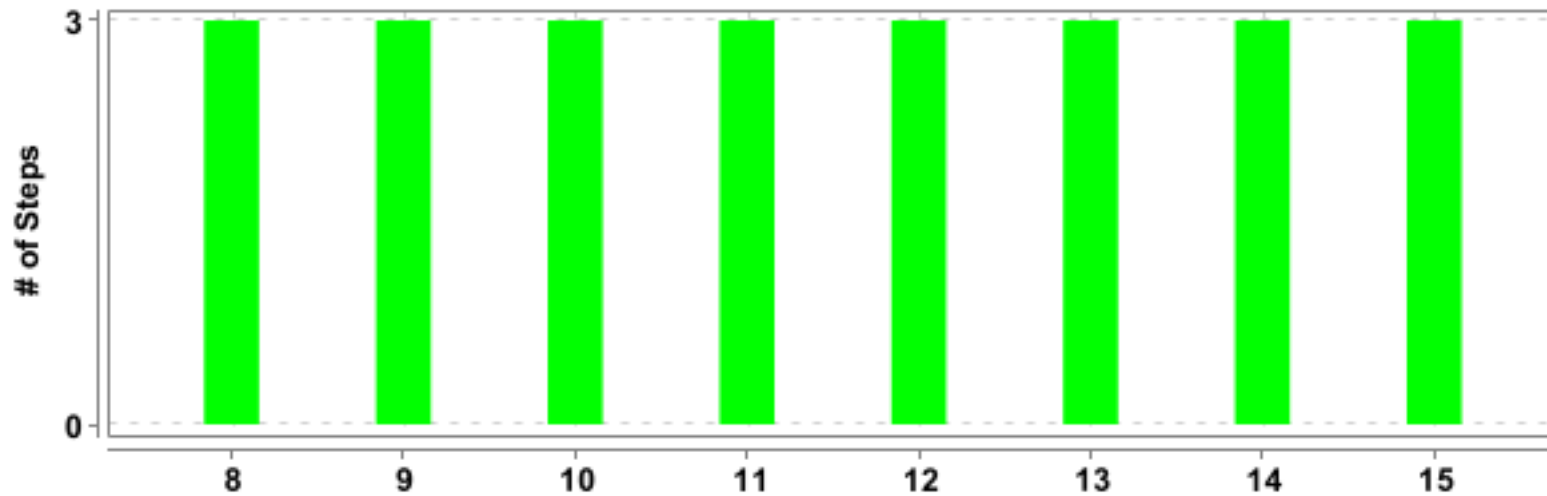
| <b>TAG</b>  | <b>Scenario</b> |          |          |          | <b>Feature</b> |          |          |          |
|-------------|-----------------|----------|----------|----------|----------------|----------|----------|----------|
| <b>Name</b> | <b>T</b>        | <b>P</b> | <b>F</b> | <b>S</b> | <b>T</b>       | <b>P</b> | <b>F</b> | <b>S</b> |
| @Tree60     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree61     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree62     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree63     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree64     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree65     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree66     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree67     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree68     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Tree69     | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |



| # | Feature Name                                 | T  | P  | F | S | Duration     |
|---|--|----|----|---|---|--------------|
| 1 | <u>Graph Datastructure</u>                   | 14 | 14 | 0 | 0 | 17.279 s     |
| 2 | <u>Sign In and Sign Out in dsAlgo Portal</u> | 8  | 8  | 0 | 0 | 3.135 s      |
| 3 | <u>Queue DataStructure</u>                   | 23 | 20 | 3 | 0 | 50.108 s     |
| 4 | <u>User Registration</u>                     | 4  | 4  | 0 | 0 | 1.485 s      |
| 5 | <u>Stack DataStructure</u>                   | 18 | 18 | 0 | 0 | 9.600 s      |
| 6 | <u>Tree Datastructure</u>                    | 69 | 69 | 0 | 0 | 1 m 27.273 s |



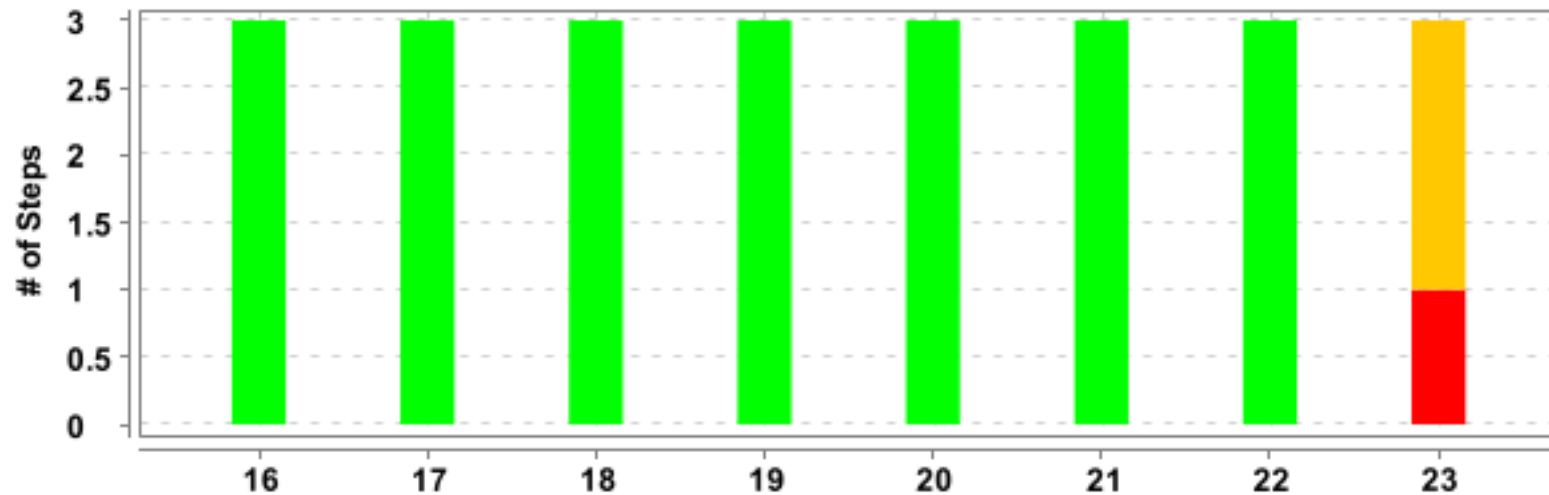
| # | Feature Name               | Scenario Name  | T | P | F | S | Duration |
|---|----------------------------|--|---|---|---|---|----------|
| 1 | <u>Graph Datastructure</u> | <u>Verify that user is able to navigate to Graph data structure page</u>   | 3 | 3 | 0 | 0 | 2.383 s  |
| 2 |                            | <u>Verify that user is able to navigate to Graph Data Structures page</u>  | 3 | 3 | 0 | 0 | 0.544 s  |
| 3 |                            | <u>Verify that user is able to navigate to Graph page of Graph-Data structures page</u>                              | 3 | 3 | 0 | 0 | 0.863 s  |
| 4 |                            | <u>Verify that user is able to navigate to Try Editor page of Graph</u>  | 3 | 3 | 0 | 0 | 1.729 s  |
| 5 |                            | <u>Verify that user receives an error when clicking on Run button without entering code in Graph Try Editor page</u> | 3 | 3 | 0 | 0 | 1.214 s  |
| 6 |                            | <u>Verify that user receives an error for invalid Python code read from "pythonCode" and 1 in Graph Page</u>         | 3 | 3 | 0 | 0 | 1.916 s  |
| 7 |                            | <u>Verify that user is able to see output for valid Python code from "pythonCode" and 0 in Graph Page</u>            | 3 | 3 | 0 | 0 | 1.429 s  |



| #  | Feature Name               | Scenario Name   | T | P | F | S | Duration |
|----|----------------------------|---|---|---|---|---|----------|
| 8  | <u>Graph Datastructure</u> | <u>Verify that user is able to navigate to Practice Questions in the Graph Data Structure page</u>                        | 3 | 3 | 0 | 0 | 0.984 s  |
| 9  |                            | <u>Verify that user is able to navigate to Graph Representations page</u>   | 3 | 3 | 0 | 0 | 1.004 s  |
| 10 |                            | <u>Verify that user is able to navigate to Try Editor page for the Graph Representations page</u>                         | 3 | 3 | 0 | 0 | 0.416 s  |
| 11 |                            | <u>Verify that user receives an error when clicking on Run button without entering code in Try Editor page of Graph *</u> | 3 | 3 | 0 | 0 | 1.356 s  |
| 12 |                            | <u>Verify that user receives an error for invalid Python code in Try Editor page of Graph Representations</u>             | 3 | 3 | 0 | 0 | 1.391 s  |
| 13 |                            | <u>Verify that user is able to see output for valid Python code in Try Editor page of Graph Representations</u>           | 3 | 3 | 0 | 0 | 1.314 s  |
| 14 |                            | <u>Verify that user able to logout from the Graph data structure</u>  | 3 | 3 | 0 | 0 | 0.523 s  |

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

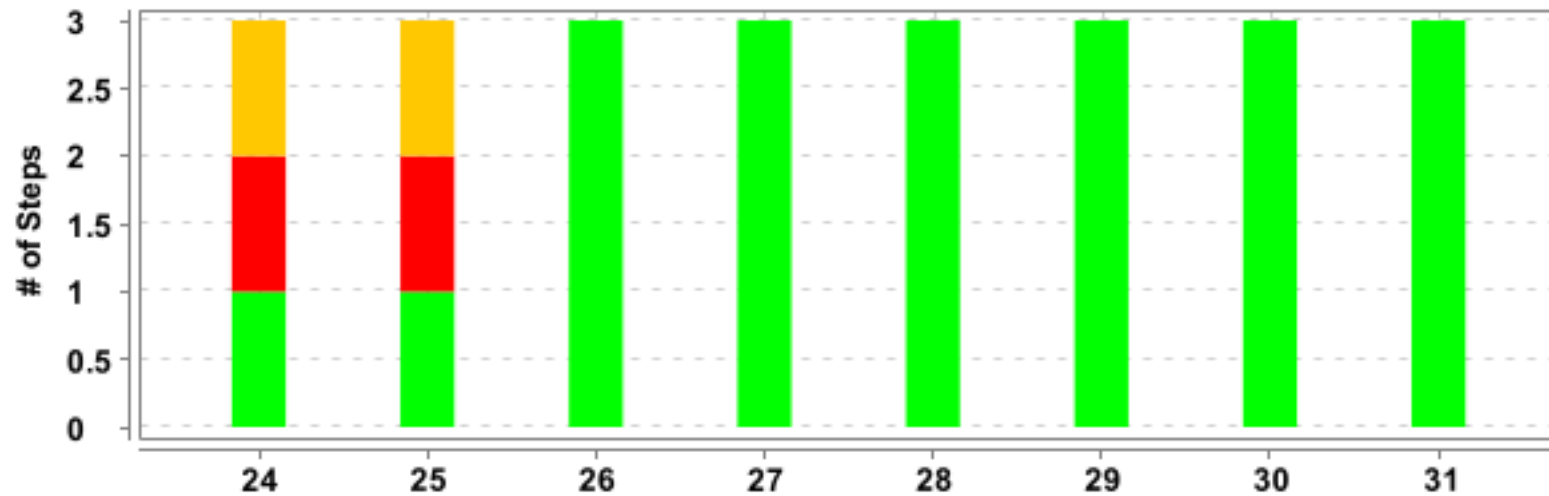
| #  | Feature Name                                 | Scenario Name   | T | P | F | S | Duration |
|----|--|---|---|---|---|---|----------|
| 15 | <u>Sign In and Sign Out in dsAlgo Portal</u> | <u>Verify that the user can navigate to registration from login</u> | 3 | 3 | 0 | 0 | 0.398 s  |



| #  | Feature Name                                 | Scenario Name   | T | P | F | S | Duration |
|----|--|---|---|---|---|---|----------|
| 16 | <u>Sign In and Sign Out in dsAlgo Portal</u> | <u>Verify that user receives an error message for all empty fields during login</u>       | 3 | 3 | 0 | 0 | 0.241 s  |
| 17 |  | <u>Verify that user receives an error message for empty Password field during login</u>   | 3 | 3 | 0 | 0 | 0.278 s  |
| 18 |  | <u>Verify that user receives an error message for empty Username field during login</u>   | 3 | 3 | 0 | 0 | 0.294 s  |
| 19 |  | <u>Verify that user receives an error message for invalid Username during login</u>       | 3 | 3 | 0 | 0 | 0.505 s  |
| 20 |  | <u>Verify that user receives an error message for invalid Username during login</u>       | 3 | 3 | 0 | 0 | 0.532 s  |
| 21 |  | <u>Verify that user receives an error message for invalid Username during login</u>       | 3 | 3 | 0 | 0 | 0.543 s  |
| 22 |  | <u>Verify that user is able to land on the Home page after entering valid credentials</u> | 3 | 3 | 0 | 0 | 0.282 s  |

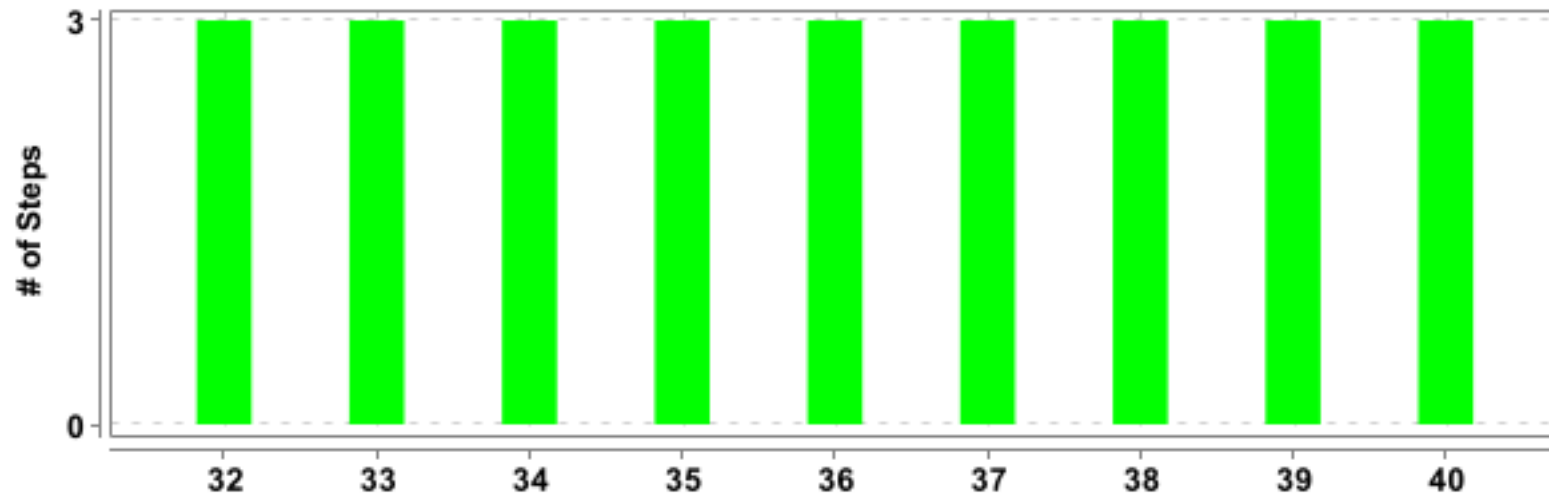
| #  | Feature Name               | Scenario Name                                | T | P | F | S | Duration |
|----|----------------------------|--|---|---|---|---|----------|
| 23 | <u>Queue DataStructure</u> | <u>Navigate to Queue Data Structure Page</u> | 3 | 0 | 1 | 2 | 10.950 s |





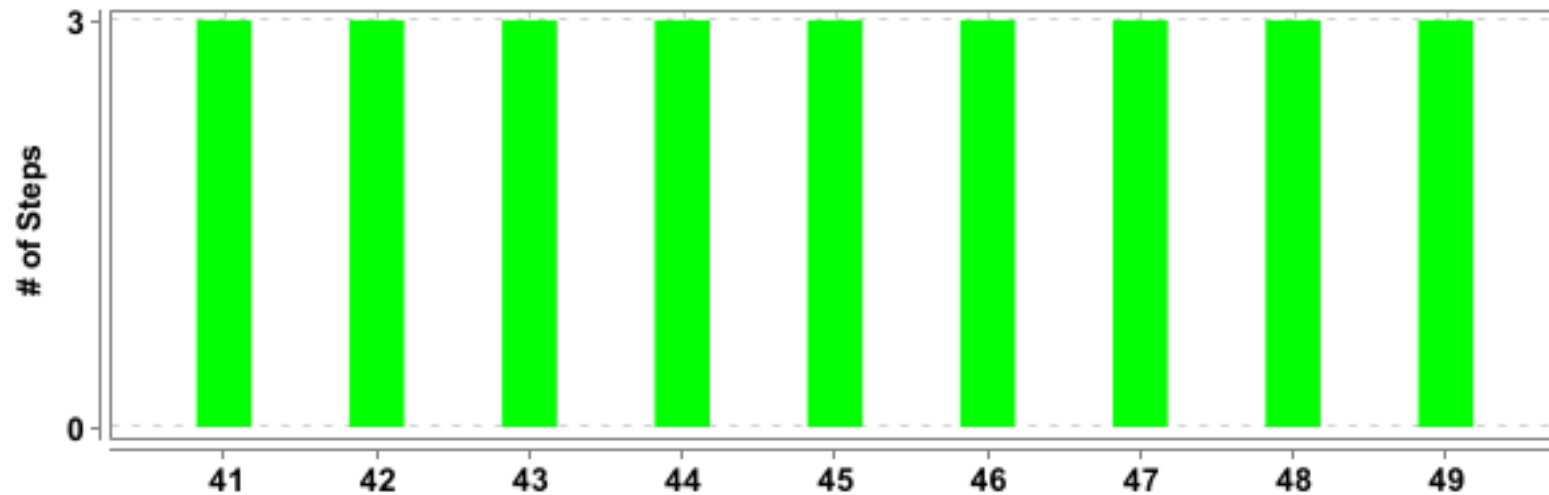
| #  | Feature Name               | Scenario Name   | T | P | F | S | Duration |
|----|----------------------------|---|---|---|---|---|----------|
| 24 | <u>Queue DataStructure</u> | <u>Navigate to Implementation of Queue in Python page</u>                                       | 3 | 1 | 1 | 1 | 10.080 s |
| 25 |                            | <u>Navigate to try editor page for Implementation of Queue in Python</u>                        | 3 | 1 | 1 | 1 | 10.045 s |
| 26 |                            | <u>Error on clicking Run button without entering code for Implementation of Queue in Python</u> | 3 | 3 | 0 | 0 | 1.246 s  |
| 27 |                            | <u>Error for invalid Python code for Implementation of Queue in Python</u>                      | 3 | 3 | 0 | 0 | 1.331 s  |
| 28 |                            | <u>Output for valid Python code for Implementation of Queue in Python</u>                       | 3 | 3 | 0 | 0 | 1.333 s  |
| 29 |                            | <u>Navigate to Practice Questions Page for Implementation of Queue in Python</u>                | 3 | 3 | 0 | 0 | 0.266 s  |
| 30 |                            | <u>Navigate to Implementation using collections.deque page</u>                                  | 3 | 3 | 0 | 0 | 0.285 s  |

| #  | Feature Name | Scenario Name  | T | P | F | S | Duration |
|----|--------------|--|---|---|---|---|----------|
| 31 |              | <a href="#">Navigate to try editor page for Implementation using collections.deque</a> | 3 | 3 | 0 | 0 | 0.402 s  |



| #  | Feature Name               | Scenario Name  | T | P | F | S | Duration |
|----|----------------------------|--|---|---|---|---|----------|
| 32 | <u>Queue DataStructure</u> | <u>Error on clicking Run button without entering code for Implementation using collections.deque</u> | 3 | 3 | 0 | 0 | 1.151 s  |
| 33 |                            | <u>Error for invalid Python code for Implementation using collections.deque</u>                      | 3 | 3 | 0 | 0 | 1.313 s  |
| 34 |                            | <u>Output for valid Python code for Implementation using collections.deque</u>                       | 3 | 3 | 0 | 0 | 1.343 s  |
| 35 |                            | <u>Navigate to Implementation using array page</u>   | 3 | 3 | 0 | 0 | 0.302 s  |
| 36 |                            | <u>Navigate to try editor page for Implementation using array page</u>                               | 3 | 3 | 0 | 0 | 0.670 s  |
| 37 |                            | <u>Error on clicking Run button without entering code for Implementation using array page</u>        | 3 | 3 | 0 | 0 | 1.100 s  |
| 38 |                            | <u>Error for invalid Python code for Implementation using array page</u>                             | 3 | 3 | 0 | 0 | 1.536 s  |

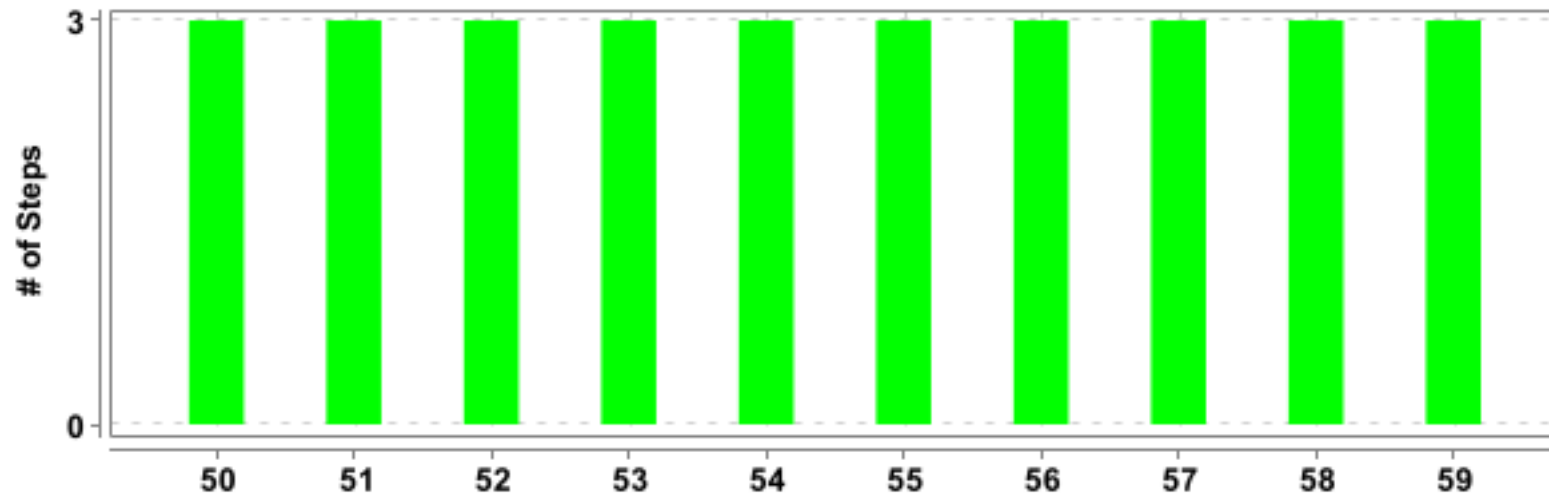
| #  | Feature Name | Scenario Name  | T | P | F | S | Duration |
|----|--------------|--|---|---|---|---|----------|
| 39 |              | <u>Output for valid Python code for Implementation using array</u> | 3 | 3 | 0 | 0 | 1.372 s  |
| 40 |              | <u>Navigate to Queue Operations page</u>                           | 3 | 3 | 0 | 0 | 0.287 s  |



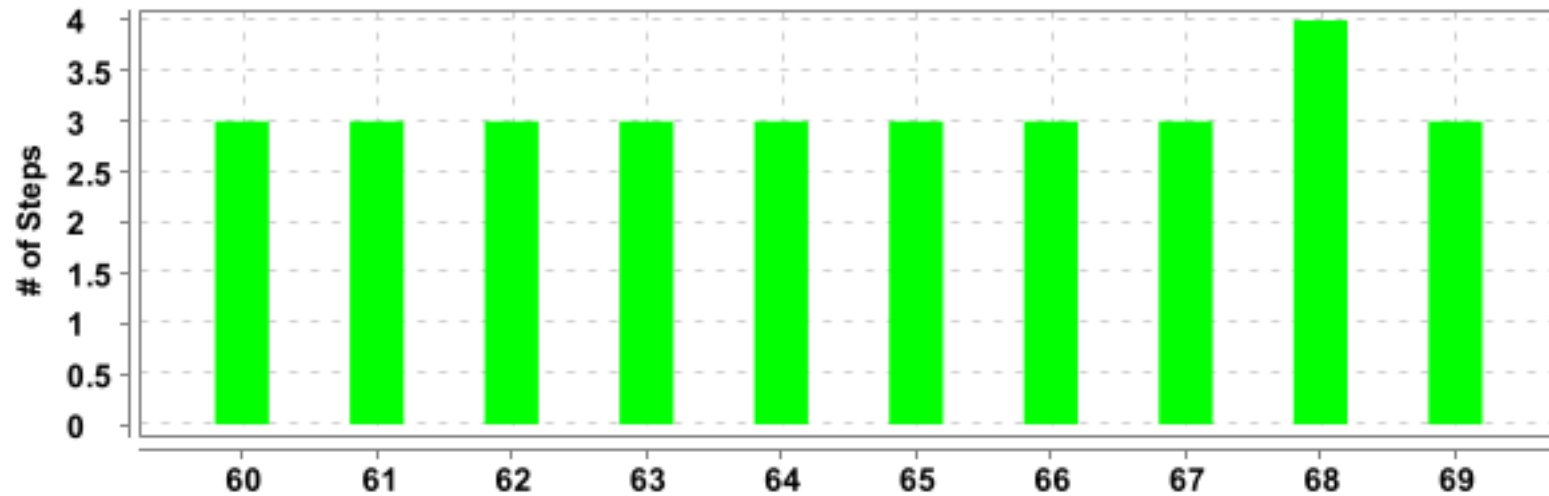
| #  | Feature Name               | Scenario Name   | T | P | F | S | Duration |
|----|----------------------------|---|---|---|---|---|----------|
| 41 | <u>Queue DataStructure</u> | <u>Navigate to try editor page for Queue Operations</u>   | 3 | 3 | 0 | 0 | 0.417 s  |
| 42 |                            | <u>Error on clicking Run button without entering code for Queue Operations</u>                                  | 3 | 3 | 0 | 0 | 1.292 s  |
| 43 |                            | <u>Error for invalid Python code for Queue Operations</u>   | 3 | 3 | 0 | 0 | 1.310 s  |
| 44 |                            | <u>Output for valid Python code for Queue Operations</u>  | 3 | 3 | 0 | 0 | 1.306 s  |
| 45 |                            | <u>Verify that user able to logout from the Queue data structure</u>  | 3 | 3 | 0 | 0 | 0.591 s  |
| 46 | <u>User Registration</u>   | <u>Verify that user receives error message for all empty fields during registration</u>                         | 3 | 3 | 0 | 0 | 0.238 s  |
| 47 |                            | <u>Verify that user receives error message for empty Username Confirmation field during registration</u>        | 3 | 3 | 0 | 0 | 0.297 s  |
| 48 |                            | <u>Verify that user receives error message for mismatched Password and Password Confirmation field during *</u> | 3 | 3 | 0 | 0 | 0.488 s  |

\* 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 |
|----|--------------|--|---|---|---|---|----------|
| 49 |              | <u>Verify that user is able to land on Homepage after registration with valid fields</u> | 3 | 3 | 0 | 0 | 0.436 s  |



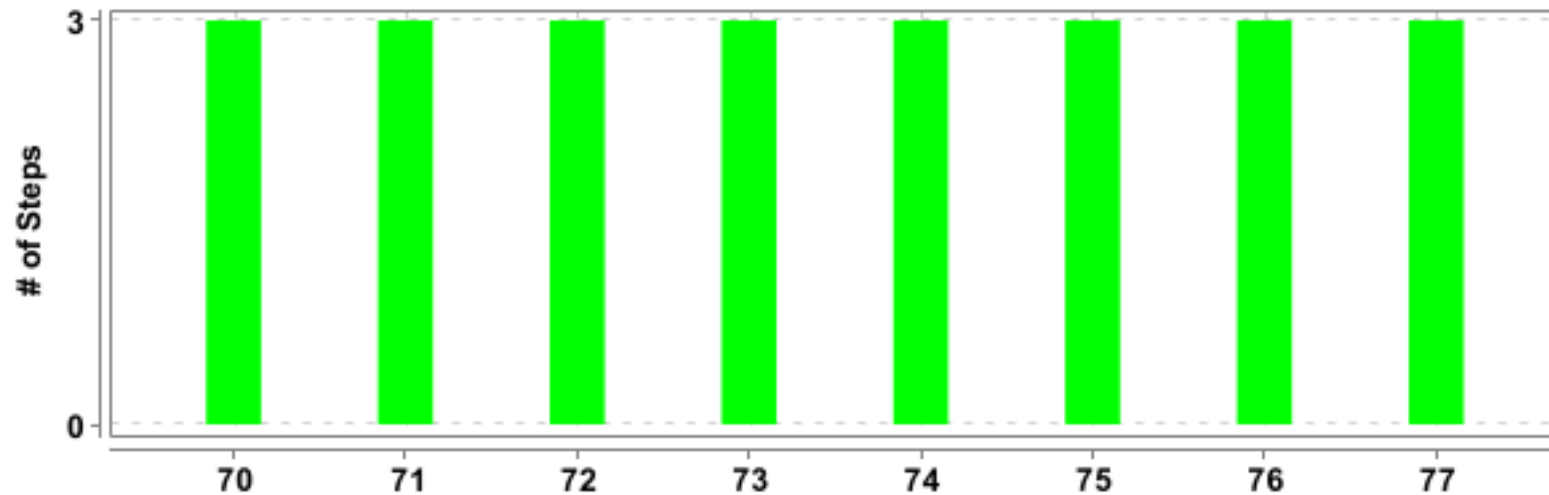
| #  | Feature Name               | Scenario Name  | T | P | F | S | Duration |
|----|----------------------------|--|---|---|---|---|----------|
| 50 | <u>Stack DataStructure</u> | <u>Navigate to Stack Data Structure Page</u>                       | 3 | 3 | 0 | 0 | 1.630 s  |
| 51 |                            | <u>Navigate to Operations in Stack Page</u>                        | 3 | 3 | 0 | 0 | 0.508 s  |
| 52 |                            | <u>Navigate to TryEditor for Operations in Stack</u>               | 3 | 3 | 0 | 0 | 0.449 s  |
| 53 |                            | <u>Error on Clicking Run Without Code in Operations in Stack</u>   | 3 | 3 | 0 | 0 | 0.364 s  |
| 54 |                            | <u>Error for Invalid Python Code in Operations in Stack</u>        | 3 | 3 | 0 | 0 | 0.537 s  |
| 55 |                            | <u>Display Output for Valid Python Code in Operations in Stack</u> | 3 | 3 | 0 | 0 | 0.563 s  |
| 56 |                            | <u>Navigate to Practice Questions Page for Operations in Stack</u> | 3 | 3 | 0 | 0 | 0.279 s  |
| 57 |                            | <u>Navigate to Implementation Page</u>                             | 3 | 3 | 0 | 0 | 0.287 s  |
| 58 |                            | <u>Navigate to TryEditor for Implementation Page</u>               | 3 | 3 | 0 | 0 | 0.374 s  |
| 59 |                            | <u>Error on Clicking Run Without Code in Implementation Page</u>   | 3 | 3 | 0 | 0 | 0.470 s  |



| #  | Feature Name               | Scenario Name   | T | P | F | S | Duration |
|----|----------------------------|---|---|---|---|---|----------|
| 60 | <u>Stack DataStructure</u> | <u>Error for Invalid Python Code in Implementation Page</u>             | 3 | 3 | 0 | 0 | 0.602 s  |
| 61 |                            | <u>Display Output for Valid Python Code in Implementation Page</u>      | 3 | 3 | 0 | 0 | 0.603 s  |
| 62 |                            | <u>Navigate to Applications Page</u>                                    | 3 | 3 | 0 | 0 | 0.347 s  |
| 63 |                            | <u>Navigate to TryEditor for Applications Page</u>                      | 3 | 3 | 0 | 0 | 0.392 s  |
| 64 |                            | <u>Error on Clicking Run Without Code in Applications Page</u>          | 3 | 3 | 0 | 0 | 0.346 s  |
| 65 |                            | <u>Error for Invalid Python Code in Applications Page</u>               | 3 | 3 | 0 | 0 | 0.603 s  |
| 66 |                            | <u>Display Output for Valid Python Code in Applications Page</u>        | 3 | 3 | 0 | 0 | 0.562 s  |
| 67 |                            | <u>Verify that user able to logout from the Stack data structure</u>    | 3 | 3 | 0 | 0 | 0.567 s  |
| 68 | <u>Tree Datastructure</u>  | <u>Verify that user is able to navigate to Tree data structure page</u> | 4 | 4 | 0 | 0 | 2.018 s  |

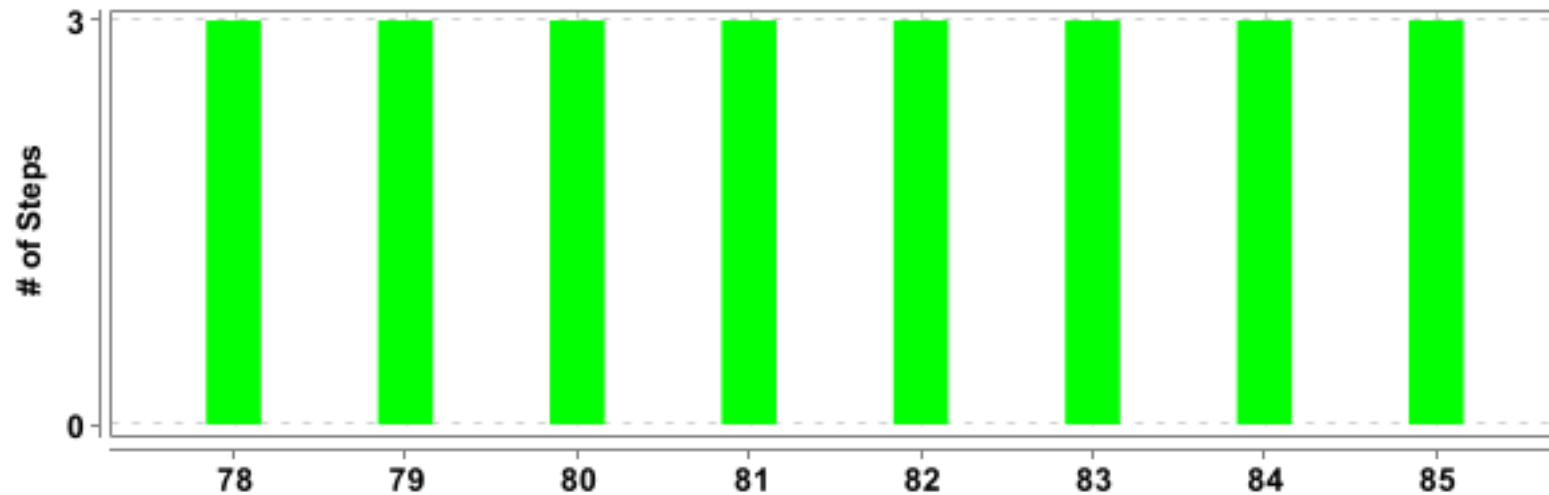


| #  | Feature Name | Scenario Name  | T | P | F | S | Duration |
|----|--------------|--|---|---|---|---|----------|
| 69 |              | <u>Verify that user is able to navigate to Tree Data Structures page</u> | 3 | 3 | 0 | 0 | 0.490 s  |



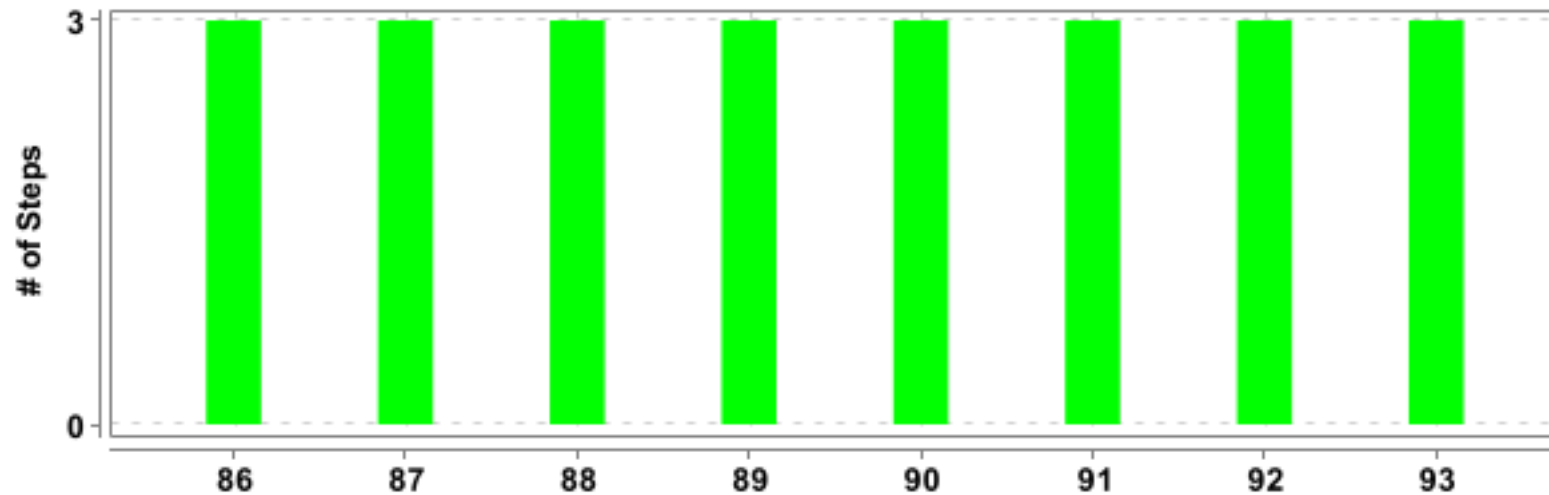
| #  | Feature Name              | Scenario Name   | T | P | F | S | Duration |
|----|---------------------------|---|---|---|---|---|----------|
| 70 | <u>Tree Datastructure</u> | <u>Verify that user is able to navigate to Overview of Trees page</u>   | 3 | 3 | 0 | 0 | 0.847 s  |
| 71 |                           | <u>Verify that user is able to navigate to try Editor page for Overview of Trees page</u>                                 | 3 | 3 | 0 | 0 | 0.420 s  |
| 72 |                           | <u>Verify that user receives error when click on Run button without entering code in Overview of Trees TryEditor page</u> | 3 | 3 | 0 | 0 | 1.296 s  |
| 73 |                           | <u>Verify that user receives error for invalid python code in Overview of Trees TryEditor page</u>                        | 3 | 3 | 0 | 0 | 1.382 s  |
| 74 |                           | <u>Verify that user is able to see output for valid python code in Overview of Trees TryEditor page</u>                   | 3 | 3 | 0 | 0 | 1.327 s  |
| 75 |                           | <u>Verify that user is able to navigate to Practice Questions inthe Trees Data Structure page</u>                         | 3 | 3 | 0 | 0 | 0.942 s  |
| 76 |                           | <u>Verify that user is able to navigate to Terminologies page</u>   | 3 | 3 | 0 | 0 | 0.792 s  |

| #  | Feature Name | Scenario Name   | T | P | F | S | Duration |
|----|--------------|---|---|---|---|---|----------|
| 77 |              | <u>Verify that user is able to navigate to try Editor page for Terminologies page</u> | 3 | 3 | 0 | 0 | 1.117 s  |



| #  | Feature Name              | Scenario Name  | T | P | F | S | Duration |
|----|---------------------------|--|---|---|---|---|----------|
| 78 | <u>Tree Datastructure</u> | <u>Verify that user receives error when click on Run button without entering code in Terminologies TryEditor page</u>  | 3 | 3 | 0 | 0 | 1.299 s  |
| 79 |                           | <u>Verify that user receives error for invalid python code in Terminologies TryEditor page</u>                         | 3 | 3 | 0 | 0 | 1.424 s  |
| 80 |                           | <u>Verify that user is able to see output for valid python code in Terminologies TryEditor page</u>                    | 3 | 3 | 0 | 0 | 1.292 s  |
| 81 |                           | <u>Verify that user is able to navigate to Types of Trees page</u>   | 3 | 3 | 0 | 0 | 0.750 s  |
| 82 |                           | <u>Verify that user is able to navigate to try Editor page for Types of Trees page</u>                                 | 3 | 3 | 0 | 0 | 1.004 s  |
| 83 |                           | <u>Verify that user receives error when click on Run button without entering code in Types of Trees TryEditor page</u> | 3 | 3 | 0 | 0 | 1.260 s  |
| 84 |                           | <u>Verify that user receives error for invalid python code in Types of Tree TryEditor page</u>                         | 3 | 3 | 0 | 0 | 1.430 s  |

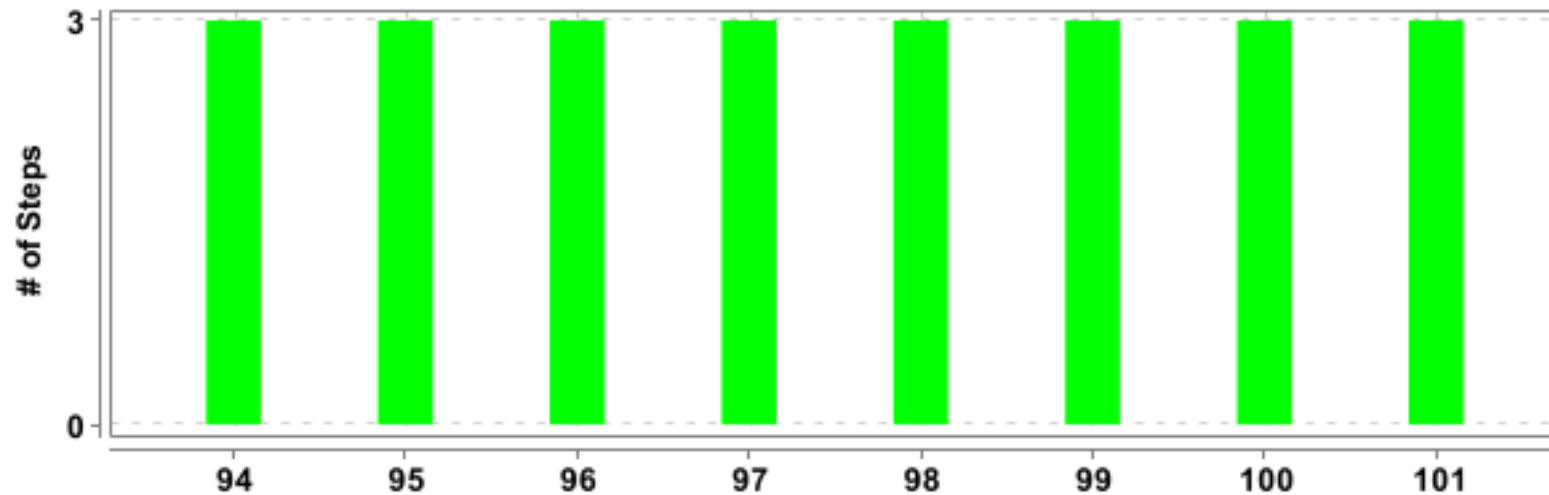
| #  | Feature Name | Scenario Name  | T | P | F | S | Duration |
|----|--------------|--|---|---|---|---|----------|
| 85 |              | <u>Verify that user is able to see output for valid python code in Types of Trees TryEditor page</u> | 3 | 3 | 0 | 0 | 1.454 s  |



| #  | Feature Name              | Scenario Name  | T | P | F | S | Duration |
|----|---------------------------|--|---|---|---|---|----------|
| 86 | <u>Tree Datastructure</u> | <u>Verify that user is able to navigate to Tree Traversal page</u>   | 3 | 3 | 0 | 0 | 1.594 s  |
| 87 |                           | <u>Verify that user is able to navigate to try Editor page for Tree Traversal page</u>                                       | 3 | 3 | 0 | 0 | 1.388 s  |
| 88 |                           | <u>Verify that user receives error when click on Run button without entering code in Tree Traversal TryEditor page for *</u> | 3 | 3 | 0 | 0 | 1.517 s  |
| 89 |                           | <u>Verify that user receives error for invalid python code in Tree Traversal TryEditor page</u>                              | 3 | 3 | 0 | 0 | 1.558 s  |
| 90 |                           | <u>Verify that user is able to see output for valid python code in Tree Traversal TryEditor page</u>                         | 3 | 3 | 0 | 0 | 1.555 s  |
| 91 |                           | <u>Verify that user is able to navigate to Traversals-Illustration page</u>  | 3 | 3 | 0 | 0 | 1.312 s  |
| 92 |                           | <u>Verify that user is able to navigate to TryEditor page for Traversals-Illustration page</u>                               | 3 | 3 | 0 | 0 | 1.395 s  |

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

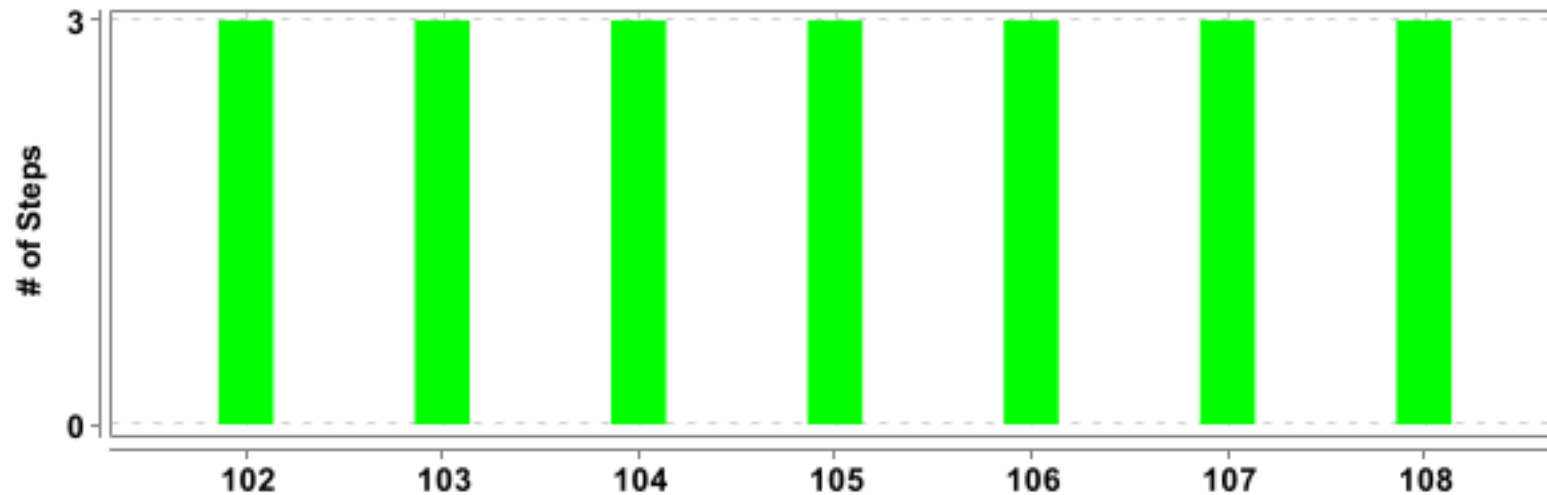
| #  | Feature Name | Scenario Name  | T | P | F | S | Duration |
|----|--------------|--|---|---|---|---|----------|
| 93 |              | <u>Verify that user receives error when click on Run button<br/>without entering code in Traversals-Illustration TryEditor *</u> | 3 | 3 | 0 | 0 | 1.351 s  |



| #    | Feature Name              | Scenario Name  | T | P | F | S | Duration |
|------|---------------------------|--|---|---|---|---|----------|
| 94   | <u>Tree Datastructure</u> | <u>Verify that user receives error for invalid python code in Traversals-Illustration TryEditor page</u>             | 3 | 3 | 0 | 0 | 1.553 s  |
| 95   |                           | <u>Verify that user is able to see output for valid python code in Traversals-Illustration TryEditor page</u>        | 3 | 3 | 0 | 0 | 1.350 s  |
| 96   |                           | <u>Verify that user is able to navigate to Binary trees page</u>   | 3 | 3 | 0 | 0 | 1.031 s  |
| 97   |                           | <u>Verify that user is able to navigate to try Editor page for Binary trees page</u>                                 | 3 | 3 | 0 | 0 | 1.274 s  |
| 98   |                           | <u>Verify that user receives error when click on Run button without entering code in Binary trees TryEditor page</u> | 3 | 3 | 0 | 0 | 1.355 s  |
| 99   |                           | <u>Verify that user receives error for invalid python code in Binary trees TryEditor page</u>                        | 3 | 3 | 0 | 0 | 1.350 s  |
| 10-0 |                           | <u>Verify that user is able to see output for valid python code in Binary trees TryEditor page</u>                   | 3 | 3 | 0 | 0 | 1.368 s  |

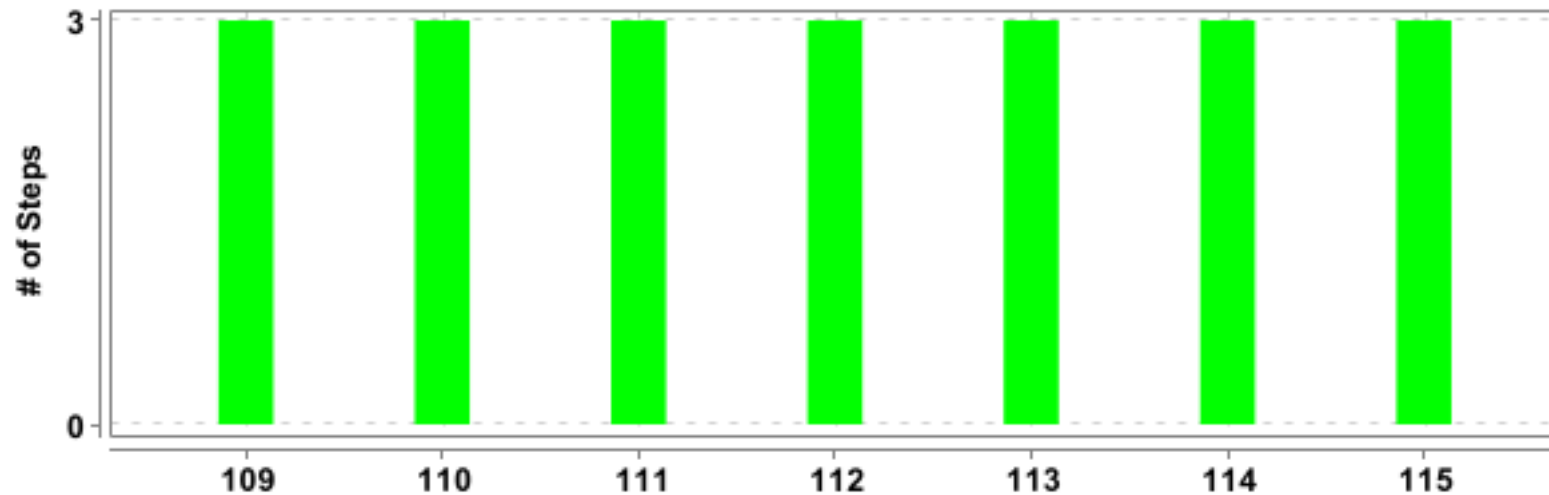


| #    | Feature Name | Scenario Name   | T | P | F | S | Duration |
|------|--------------|---|---|---|---|---|----------|
| 10-1 |              | <u>Verify that user is able to navigate to Types of Binary trees page</u> | 3 | 3 | 0 | 0 | 1.071 s  |



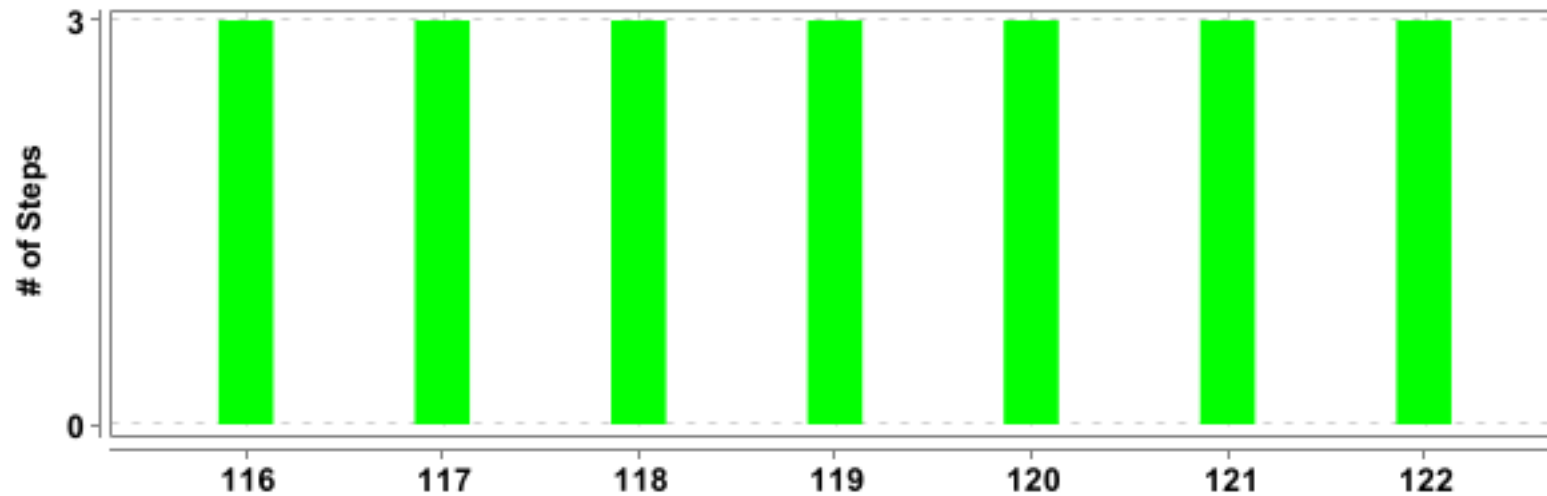
| #    | Feature Name              | Scenario Name  | T | P | F | S | Duration |
|------|---------------------------|--|---|---|---|---|----------|
| 10-2 | <u>Tree Datastructure</u> | <u>Verify that user is able to navigate to try Editor page for Types of Binary Trees page</u>                              | 3 | 3 | 0 | 0 | 1.034 s  |
| 10-3 |                           | <u>Verify that user receives error when click on Run button without entering code in Types of Binary Trees TryEditor *</u> | 3 | 3 | 0 | 0 | 1.420 s  |
| 10-4 |                           | <u>Verify that user receives error for invalid python code in Types of Binary Trees TryEditor page</u>                     | 3 | 3 | 0 | 0 | 1.538 s  |
| 10-5 |                           | <u>Verify that user is able to see output for valid python code in Types of Binary Trees TryEditor page</u>                | 3 | 3 | 0 | 0 | 1.616 s  |
| 10-6 |                           | <u>Verify that user is able to navigate to Implementation in Python page</u>   | 3 | 3 | 0 | 0 | 0.997 s  |
| 10-7 |                           | <u>Verify that user is able to navigate to try Editor page for Implementation in Python page</u>                           | 3 | 3 | 0 | 0 | 1.143 s  |
| 10-8 |                           | <u>Verify that user receives error when click on Run button without entering code in Implementation in Python TryEdi *</u> | 3 | 3 | 0 | 0 | 1.325 s  |

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



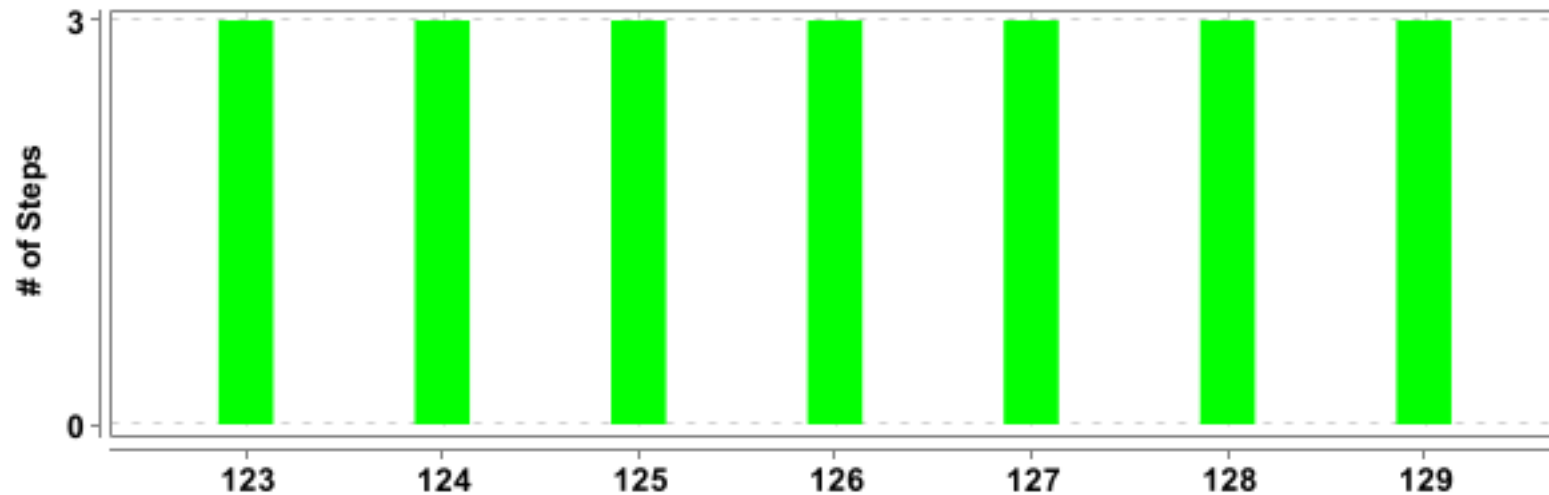
| #    | Feature Name              | Scenario Name   | T | P | F | S | Duration |
|------|---------------------------|---|---|---|---|---|----------|
| 10-9 | <u>Tree Datastructure</u> | <u>Verify that user receives error for invalid python code in Implementation in Python TryEditor page</u>                   | 3 | 3 | 0 | 0 | 1.439 s  |
| 11-0 |                           | <u>Verify that user is able to see output for valid python code in Implementation in Python TryEditor page</u>              | 3 | 3 | 0 | 0 | 1.430 s  |
| 11-1 |                           | <u>Verify that user is able to navigate to Binary Tree Traversals page</u>  | 3 | 3 | 0 | 0 | 0.963 s  |
| 11-2 |                           | <u>Verify that user is able to navigate to Try Editor page for Binary Tree Traversals page</u>                              | 3 | 3 | 0 | 0 | 1.378 s  |
| 11-3 |                           | <u>Verify that user receives error when click on Run button without entering code in Binary Tree Traversals TryEditor *</u> | 3 | 3 | 0 | 0 | 1.318 s  |
| 11-4 |                           | <u>Verify that user receives error for invalid python code in Binary Tree Traversals TryEditor page</u>                     | 3 | 3 | 0 | 0 | 1.370 s  |
| 11-5 |                           | <u>Verify that user is able to see output for valid python code in Binary Tree Traversals TryEditor page</u>                | 3 | 3 | 0 | 0 | 1.414 s  |

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



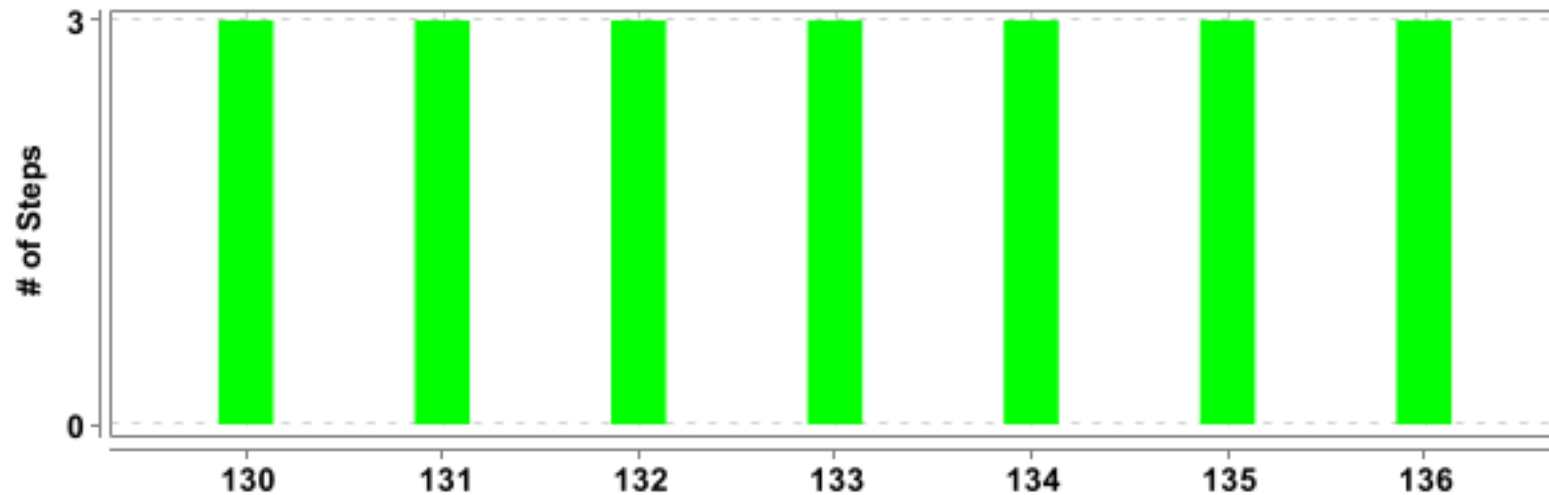
| #    | Feature Name       | Scenario Name   | T | P | F | S | Duration |
|------|--------------------|---|---|---|---|---|----------|
| 11-6 | Tree Datastructure | <u>Verify that user is able to navigate to Implementation of Binary Trees page</u>  | 3 | 3 | 0 | 0 | 0.920 s  |
| 11-7 |                    | <u>Verify that user is able to navigate to try Editor page for Implementation of Binary Trees page</u>                    | 3 | 3 | 0 | 0 | 1.016 s  |
| 11-8 |                    | <u>Verify that user receives error when click on Run button without entering code in Implementation of Binary Trees *</u> | 3 | 3 | 0 | 0 | 1.240 s  |
| 11-9 |                    | <u>Verify that user receives error for invalid python code in Implementation of Binary Trees TryEditor page</u>           | 3 | 3 | 0 | 0 | 1.399 s  |
| 12-0 |                    | <u>Verify that user is able to see output for valid python code in Implementation of Binary Trees TryEditor page</u>      | 3 | 3 | 0 | 0 | 1.442 s  |
| 12-1 |                    | <u>Verify that user is able to navigate to Applications of Binary trees page</u>  | 3 | 3 | 0 | 0 | 1.218 s  |
| 12-2 |                    | <u>Verify that user is able to navigate to try Editor page for Applications of Binary trees page</u>                      | 3 | 3 | 0 | 0 | 1.208 s  |

\* 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 |
|------|---------------------------|---|---|---|---|---|----------|
| 12-3 | <u>Tree Datastructure</u> | <u>Verify that user receives error when click on Run button without entering code in Applications of Binary trees *</u>     | 3 | 3 | 0 | 0 | 1.409 s  |
| 12-4 |                           | <u>Verify that user receives error for invalid python code in Applications of Binary trees TryEditor page</u>               | 3 | 3 | 0 | 0 | 1.364 s  |
| 12-5 |                           | <u>Verify that user is able to see output for valid python code in Applications of Binary trees TryEditor page</u>          | 3 | 3 | 0 | 0 | 1.302 s  |
| 12-6 |                           | <u>Verify that user is able to navigate to Binary Search Trees page</u>   | 3 | 3 | 0 | 0 | 1.453 s  |
| 12-7 |                           | <u>Verify that user is able to navigate to try Editor page for Binary Search Trees page</u>                                 | 3 | 3 | 0 | 0 | 1.188 s  |
| 12-8 |                           | <u>Verify that user receives error when click on Run button without entering code in Binary Search Trees TryEditor page</u> | 3 | 3 | 0 | 0 | 1.316 s  |
| 12-9 |                           | <u>Verify that user receives error for invalid python code in Binary Search Trees TryEditor page</u>                        | 3 | 3 | 0 | 0 | 1.436 s  |

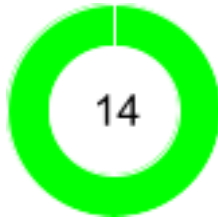
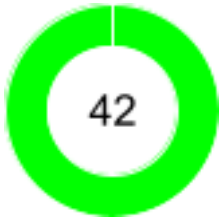
\* The feature name and/or scenario name has been cropped to fit in the available space.



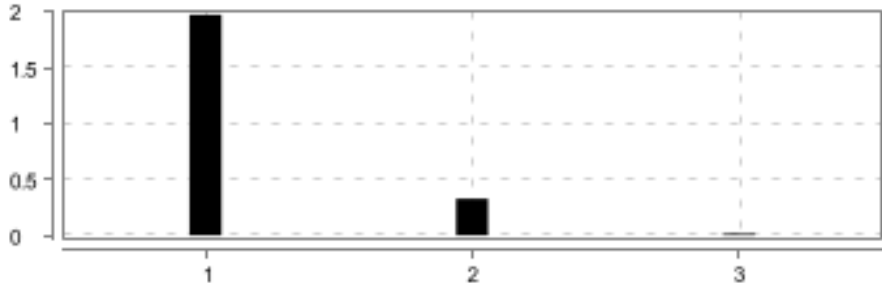

| #    | Feature Name              | Scenario Name  | T | P | F | S | Duration |
|------|---------------------------|--|---|---|---|---|----------|
| 13-0 | <u>Tree Datastructure</u> | <u>Verify that user is able to see output for valid python code in Binary Search Trees TryEditor page</u>                  | 3 | 3 | 0 | 0 | 1.355 s  |
| 13-1 |                           | <u>Verify that user is able to navigate to Implementation Of BST page</u>  | 3 | 3 | 0 | 0 | 0.959 s  |
| 13-2 |                           | <u>Verify that user is able to navigate to try Editor page for Implementation Of BST page</u>                              | 3 | 3 | 0 | 0 | 1.131 s  |
| 13-3 |                           | <u>Verify that user receives error when click on Run button without entering code in Implementation Of BST TryEditor *</u> | 3 | 3 | 0 | 0 | 1.291 s  |
| 13-4 |                           | <u>Verify that user receives error for invalid python code in Implementation Of BST TryEditor page</u>                     | 3 | 3 | 0 | 0 | 1.422 s  |
| 13-5 |                           | <u>Verify that user is able to see output for valid python code in Implementation Of BST TryEditor page</u>                | 3 | 3 | 0 | 0 | 1.342 s  |
| 13-6 |                           | <u>Verify that user able to logout from the Tree data structure</u>  | 3 | 3 | 0 | 0 | 0.480 s  |

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

## Graph Datastructure

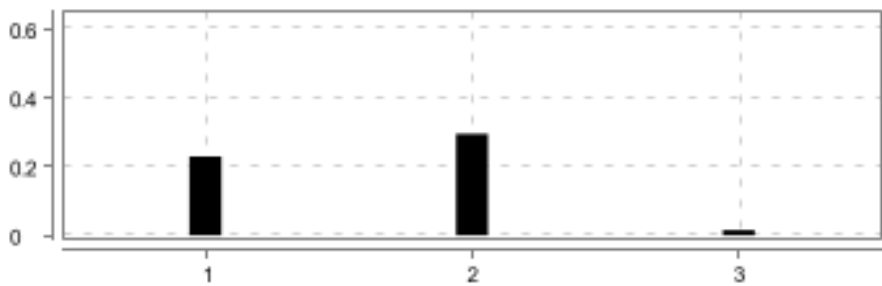

|  |                            |            |   |            |   |
|--|----------------------------|------------|---|------------|---|
| <b>PASSED</b>                          | <b>DURATION - 17.279 s</b> | Scenarios  |  | Steps      |  |
| / 11:35:59.559 PM // 11:36:16.838 PM / |                            | Total - 14 |   | Total - 42 |   |
|  |                            | Pass - 14  |   | Pass - 42  |   |
|  |                            | Fail - 0   |   | Fail - 0   |   |
|  |                            | Skip - 0   |   | Skip - 0   |   |

### Verify that user is able to navigate to Graph data structure page

|  |                           |  |           |   |
|--|---------------------------|--|-----------|---|
| <b>PASSED</b>                          | <b>DURATION - 2.383 s</b> |  | Steps     |  |
| / 11:35:59.561 PM // 11:36:01.944 PM / |                           |  | Total - 3 |   |
| Graph Datastructure                    |                           |  | Pass - 3  |   |
| @Graph1 @Regression                    |                           |  | Fail - 0  |   |
|  |                           |  | Skip - 0  |   |

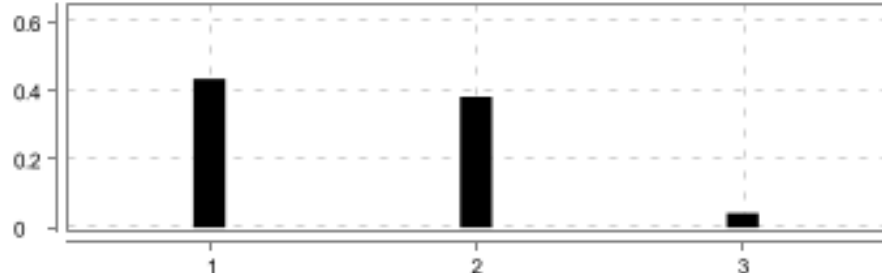

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the Home page after Sign in with valid credentials. | PASSED | 1.975 s  |
| 2 | When The user clicks the Getting Started button in Graph Panel           | PASSED | 0.329 s  |
| 3 | Then The user should be directed to Graph Data Structure Page            | PASSED | 0.015 s  |

### Verify that user is able to navigate to Graph Data Structures page

|  |                           |  |           |   |
|--|---------------------------|--|-----------|---|
| <b>PASSED</b>                          | <b>DURATION - 0.544 s</b> |  | Steps     |  |
| / 11:36:02.000 PM // 11:36:02.544 PM / |                           |  | Total - 3 |   |
| Graph Datastructure                    |                           |  | Pass - 3  |   |
| @Graph2 @Regression                    |                           |  | Fail - 0  |   |
|  |                           |  | Skip - 0  |   |

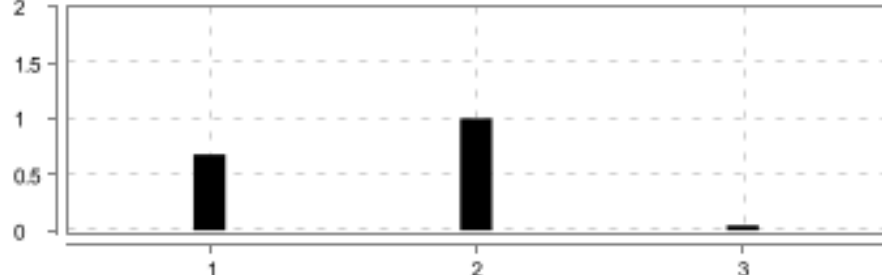

| # | Step / Hook Details                                       | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in the Home page after Signed in.       | PASSED | 0.230 s  |
| 2 | When The user selects Graph item from the drop down menu. | PASSED | 0.295 s  |
| 3 | Then The user should land in Graph Data Structure Page    | PASSED | 0.015 s  |

### Verify that user is able to navigate to Graph page of Graph-Data structures page

|  |                    |  |  |   |
|--|--------------------|--|--|---|
| PASSED                                 | DURATION - 0.863 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 11:36:02.567 PM // 11:36:03.430 PM / |                    |  |  |   |
| Graph Datastructure                    |                    |  |  |   |
| @Regression @Graph3                    |                    |  |  |   |

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in the Graph data structure page after Sign in          | PASSED | 0.435 s  |
| 2 | When The user clicks Graph link   | PASSED | 0.382 s  |
| 3 | Then The user should be redirected to Graph page of Graph-Data structures | PASSED | 0.042 s  |

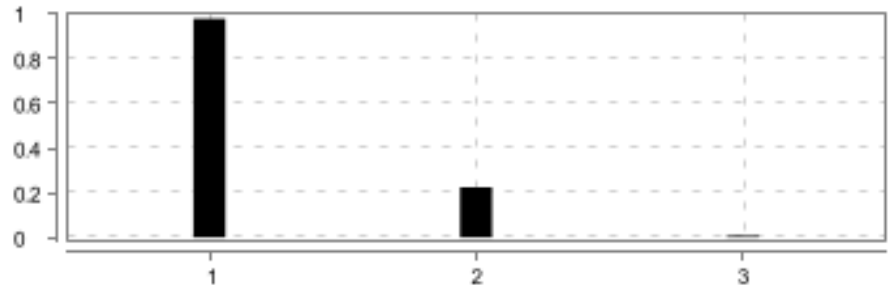

### Verify that user is able to navigate to Try Editor page of Graph

|  |  |                    |  |   |  |  |  |  |
|--|--|--------------------|--|---|--|--|--|--|
| PASSED                                 |  | DURATION - 1.729 s |  |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |  |  |
| / 11:36:03.442 PM // 11:36:05.171 PM / |  |                    |  |   |  |  |  |  |
| Graph Datastructure                    |  |                    |  |   |  |  |  |  |
| @Regression @Graph4                    |  |                    |  |   |  |  |  |  |

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Graph page  | PASSED | 0.680 s  |
| 2 | When The user clicks Try Here button in Graph page   | PASSED | 1.004 s  |
| 3 | Then The user should be redirected to a page having a Try Editor with a Run button to test | PASSED | 0.044 s  |

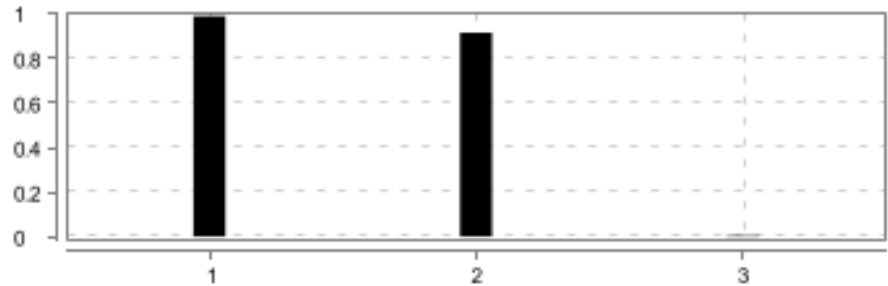



### Verify that user receives an error when clicking on Run button without entering code in Graph Try Editor page

|   |                               |   |   |  |
|---|-------------------------------|---|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 1.214 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:36:05.182 PM // 11:36:06.396 PM /</div> |                               |   |   |  |
| <div>Graph Datastructure</div>                    |                               |   |   |  |
| <div>@Graph5 @Regression</div>                    |                               |   |   |  |

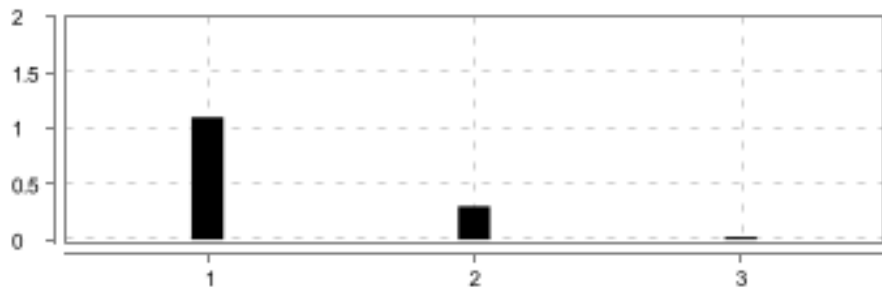

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in the Try Editor page                                    | PASSED | 0.980 s  |
| 2 | When The user clicks the Run button without entering the code in the Editor | PASSED | 0.225 s  |
| 3 | Then The user should see an error message in an alert window                | PASSED | 0.007 s  |

### Verify that user receives an error for invalid Python code read from "pythonCode" and 1 in Graph Page

|   |  |   |  |
|---|--|---|--|
| <div>PASSED</div> <div>DURATION - 1.916 s</div>   | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:36:06.419 PM // 11:36:08.335 PM /</div> |  |   |  |
| <div>Graph Datastructure</div>                    |  |   |  |
| <div>@Graph6 @Regression</div>                    |  |   |  |

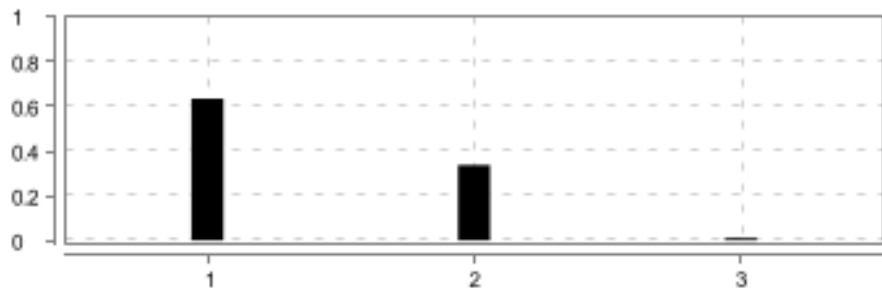

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in the Try Editor page  | PASSED | 0.991 s  |
| 2 | When The user reads the invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks on Run button | PASSED | 0.917 s  |
| 3 | Then The user should see an error message in an alert window  | PASSED | 0.005 s  |

### Verify that user is able to see output for valid Python code from "pythonCode" and 0 in Graph Page

|   |                               |   |   |  |
|---|-------------------------------|---|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 1.429 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:36:08.352 PM // 11:36:09.781 PM /</div> |                               |   |   |  |
| <div>Graph Datastructure</div>                    |                               |   |   |  |
| <div>@Regression @Graph7</div>                    |                               |   |   |  |

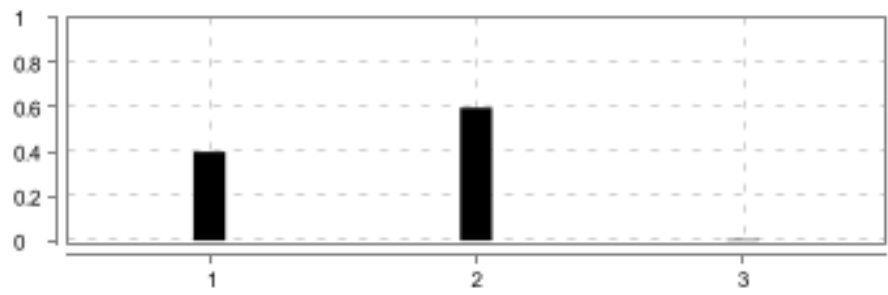

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in the Try Editor page  | PASSED | 1.101 s  |
| 2 | When The user reads the valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks on Run button | PASSED | 0.298 s  |
| 3 | Then The user should see output in the Output console   | PASSED | 0.025 s  |

### Verify that user is able to navigate to Practice Questions in the Graph Data Structure page

|   |                               |   |   |  |
|---|-------------------------------|---|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 0.984 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:36:09.792 PM // 11:36:10.776 PM /</div> |                               |   |   |  |
| <div>Graph Datastructure</div>                    |                               |   |   |  |
| <div>@Regression @Graph8</div>                    |                               |   |   |  |

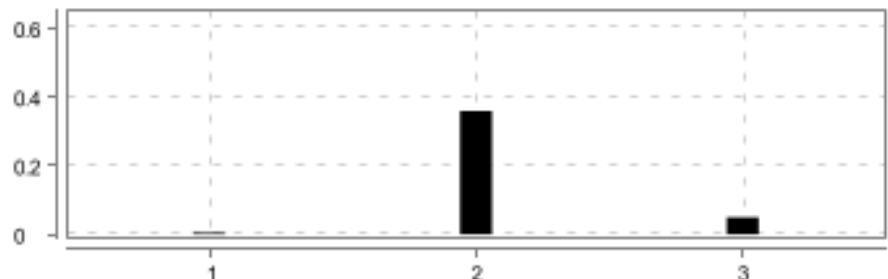
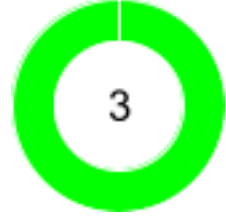
| # | Step / Hook Details                                 | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in the Graph page after Sign in   | PASSED | 0.635 s  |
| 2 | When The user clicks Practice Questions link        | PASSED | 0.337 s  |
| 3 | Then The user should be redirected to Practice page | PASSED | 0.011 s  |

### Verify that user is able to navigate to Graph Representations page

|   |                               |   |   |  |
|---|-------------------------------|---|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 1.004 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:36:10.786 PM // 11:36:11.790 PM /</div> |                               |   |   |  |
| <div>Graph Datastructure</div>                    |                               |   |   |  |
| <div>@Regression @Graph9</div>                    |                               |   |   |  |

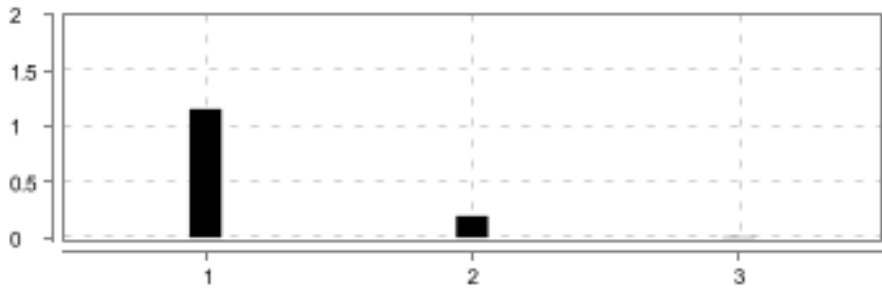

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the Graph data structure page after Sign in | PASSED | 0.399 s  |
| 2 | When The user clicks Graph Representations link                  | PASSED | 0.597 s  |
| 3 | Then The user should be redirected to Graph Representations page | PASSED | 0.005 s  |

### Verify that user is able to navigate to Try Editor page for the Graph Representations page

|   |                               |   |   |  |
|---|-------------------------------|---|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 0.416 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:36:11.800 PM // 11:36:12.216 PM /</div> |                               |   |   |  |
| <div>Graph Datastructure</div>                    |                               |   |   |  |
| <div>@Graph10 @Regression</div>                   |                               |   |   |  |

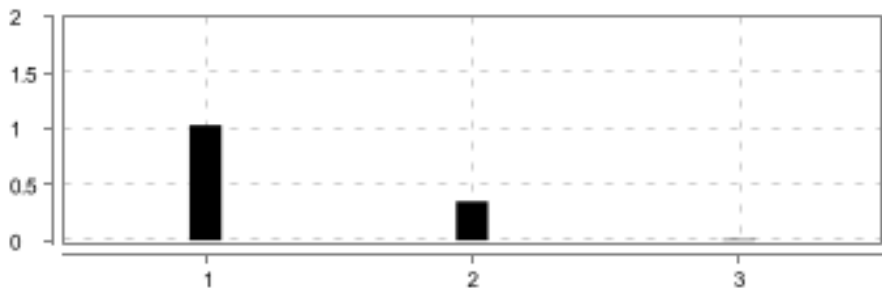

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Graph Representations page  | PASSED | 0.005 s  |
| 2 | When The user clicks Try Here button in the Graph Representations page                     | PASSED | 0.359 s  |
| 3 | Then The user should be redirected to a page having a Try Editor with a Run button to test | PASSED | 0.050 s  |

### Verify that user receives an error when clicking on Run button without entering code in Try Editor page of Graph Representations

|  |                    |  |   |   |
|--|--------------------|--|---|---|
| <b>PASSED</b>                          | DURATION - 1.356 s |  | <b>Steps</b><br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 11:36:12.227 PM // 11:36:13.583 PM / |                    |  |   |   |
| Graph Datastructure                    |                    |  |   |   |
| @Graph11 @Regression                   |                    |  |   |   |

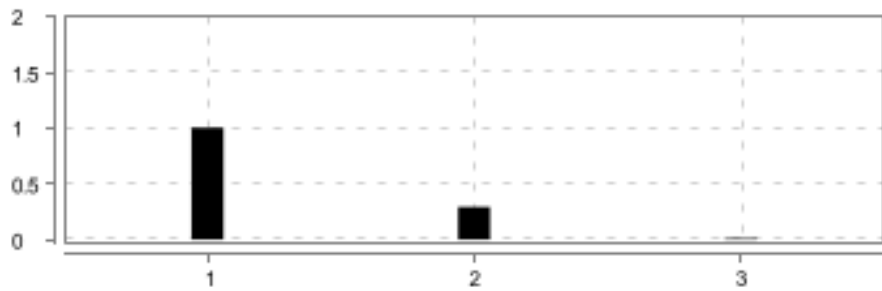

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in the Try Editor page                                    | PASSED | 1.155 s  |
| 2 | When The user clicks the Run button without entering the code in the Editor | PASSED | 0.193 s  |
| 3 | Then The user should see an error message in an alert window                | PASSED | 0.005 s  |

### Verify that user receives an error for invalid Python code in Try Editor page of Graph Representations

|  |                    |  |   |   |
|--|--------------------|--|---|---|
| <b>PASSED</b>                          | DURATION - 1.391 s |  | <b>Steps</b><br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 11:36:13.592 PM // 11:36:14.983 PM / |                    |  |   |   |
| Graph Datastructure                    |                    |  |   |   |
| @Graph12 @Regression                   |                    |  |   |   |

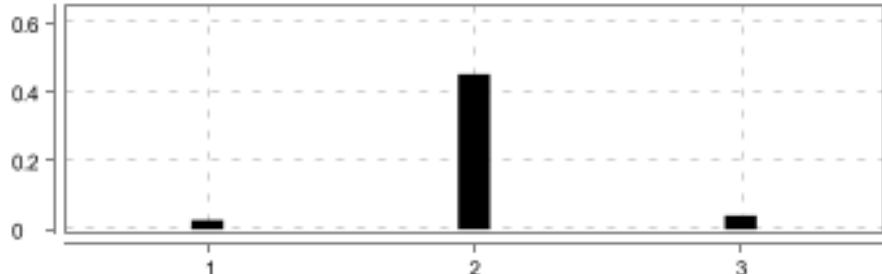

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in the Try Editor page  | PASSED | 1.032 s  |
| 2 | When The user reads the invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks on Run button | PASSED | 0.350 s  |
| 3 | Then The user should see an error message in an alert window  | PASSED | 0.008 s  |

### Verify that user is able to see output for valid Python code in Try Editor page of Graph Representations

|   |   |   |  |
|---|---|---|--|
| <div>PASSED</div> <div>DURATION - 1.314 s</div>   | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:36:14.990 PM // 11:36:16.304 PM /</div> |   |   |  |
| <div>Graph Datastructure</div>                    |   |   |  |
| <div>@Graph13 @Regression</div>                   |   |   |  |



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in the Try Editor page  | PASSED | 1.007 s  |
| 2 | When The user reads the valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks on Run button | PASSED | 0.293 s  |
| 3 | Then The user should see output in the Output console   | PASSED | 0.013 s  |

### Verify that user able to logout from the Graph data structure

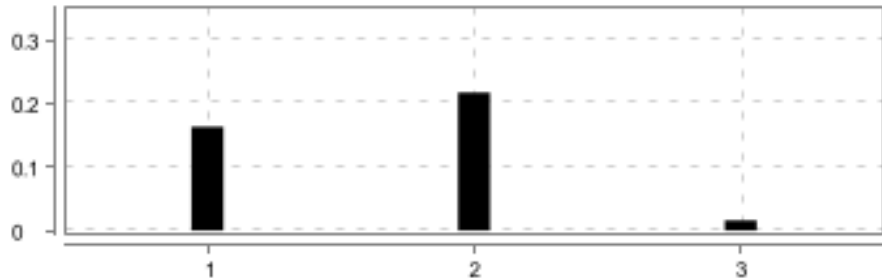

|   |                               |   |   |  |
|---|-------------------------------|---|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 0.523 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:36:16.315 PM // 11:36:16.838 PM /</div> |                               |   |   |  |
| <div>Graph Datastructure</div>                    |                               |   |   |  |
| <div>@Graph14 @Regression</div>                   |                               |   |   |  |

| # | Step / Hook Details                                | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the Graph data structure page | PASSED | 0.027 s  |
| 2 | When The User clicks signout button                | PASSED | 0.452 s  |
| 3 | Then The user should signout successfully          | PASSED | 0.040 s  |

### Sign In and Sign Out in dsAlgo Portal

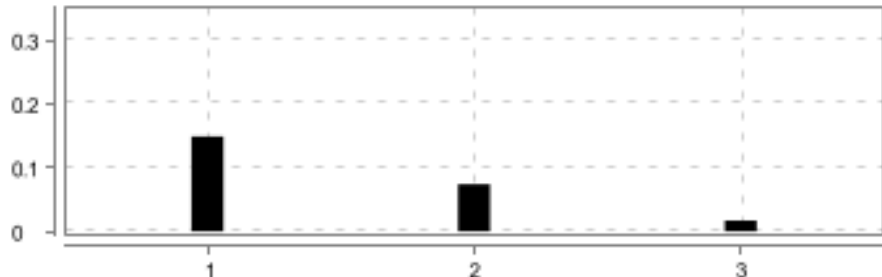

|  |                           |           |   |            |   |
|--|---------------------------|-----------|---|------------|---|
| <b>PASSED</b>                          | <b>DURATION - 3.135 s</b> | Scenarios |   | Steps      |   |
| / 11:36:16.853 PM // 11:36:19.988 PM / |                           | Total - 8 |  | Total - 24 |  |
|  |                           | Pass - 8  |   | Pass - 24  |   |
|  |                           | Fail - 0  |   | Fail - 0   |   |
|  |                           | Skip - 0  |   | Skip - 0   |   |

### Verify that the user can navigate to registration from login

|   |   |           |  |
|---|---|-----------|--|
| <div>PASSED</div> <div>DURATION - 0.398 s</div> | <div></div> | Steps     | <div></div> |
| / 11:36:16.853 PM // 11:36:17.251 PM /          |   | Total - 3 |  |
| Sign In and Sign Out in dsAlgo Portal           |   | Pass - 3  |  |
| @login1 @Regression                             |   | Fail - 0  |  |
|   |   | Skip - 0  |  |

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the login page                         | PASSED | 0.163 s  |
| 2 | When The user clicks on the Register link                   | PASSED | 0.217 s  |
| 3 | Then The user should be redirected to the registration page | PASSED | 0.016 s  |

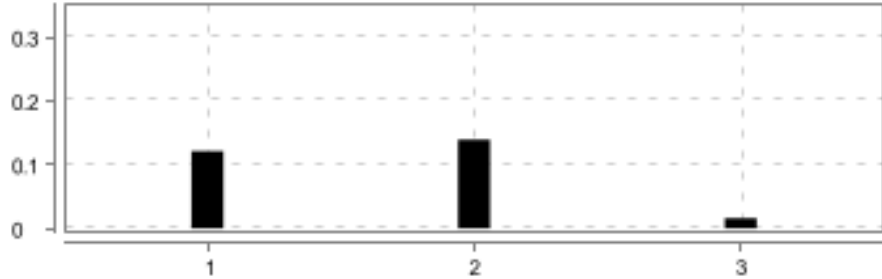

### Verify that user receives an error message for all empty fields during login

|   |   |   |  |
|---|---|---|--|
| <div>PASSED</div> <div>DURATION - 0.241 s</div>   | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:36:17.260 PM // 11:36:17.501 PM /</div> |   |   |  |
| <div>Sign In and Sign Out in dsAlgo Portal</div>  |   |   |  |
| <div>@login2 @Regression</div>                    |   |   |  |

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the DS Algo Sign in Page   | PASSED | 0.149 s  |
| 2 | When The user clicks the login button after leaving the "Username" textbox and "Password" textbox empty | PASSED | 0.074 s  |

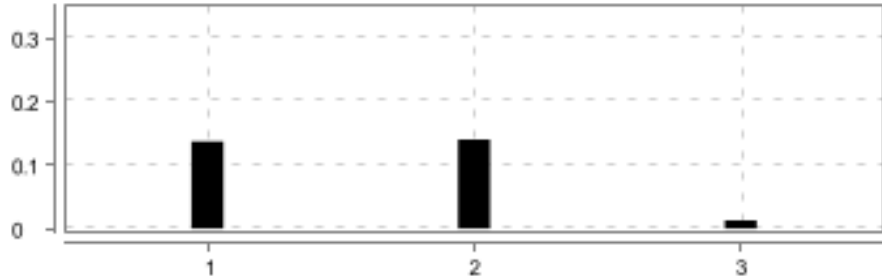

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 3 | Then The error message Please fill out this field. appears below Username textbox during login | PASSED | 0.017 s  |

### Verify that user receives an error message for empty Password field during login

|  |                    |  |  |   |
|--|--------------------|--|--|---|
| PASSED                                 | DURATION - 0.278 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 11:36:17.510 PM // 11:36:17.788 PM / |                    |  |  |   |
| Sign In and Sign Out in dsAlgo Portal  |                    |  |  |   |
| @login3 @Regression                    |                    |  |  |   |

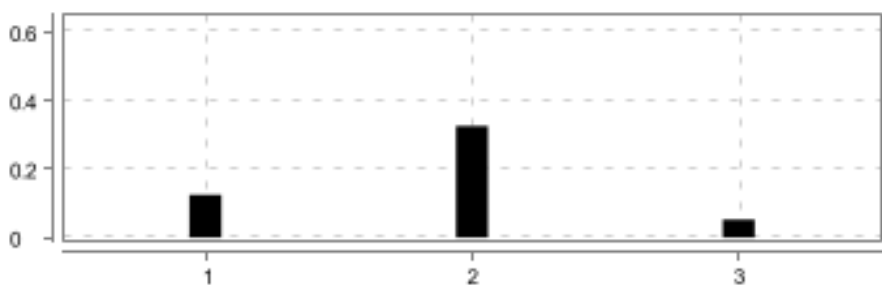

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the DS Algo Sign in Page   | PASSED | 0.121 s  |
| 2 | When The user clicks the login button after entering the "Username" and leaves "Password" textbox empty | PASSED | 0.139 s  |
| 3 | Then The error message Please fill out this field. appears below Password textbox during login          | PASSED | 0.016 s  |

### Verify that user receives an error message for empty Username field during login

|  |                    |   |  |  |
|--|--------------------|---|--|--|
| PASSED                                 | DURATION - 0.294 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 11:36:17.799 PM // 11:36:18.093 PM / |                    |   |  |  |
| Sign In and Sign Out in dsAlgo Portal  |                    |   |  |  |
| @login4 @Regression                    |                    |   |  |  |

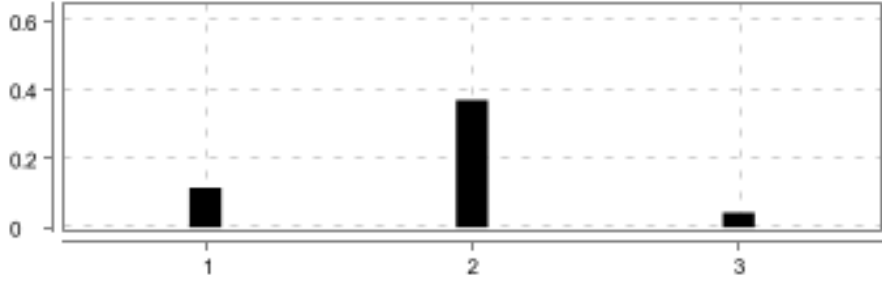

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the DS Algo Sign in Page                          | PASSED | 0.137 s  |
| 2 | When The user clicks the login button after entering the Password only | PASSED | 0.140 s  |
| 3 | Then The error message appears below Username textbox                  | PASSED | 0.013 s  |

### Verify that user receives an error message for invalid Username during login

|  |                           |  |   |   |
|--|---------------------------|--|---|---|
| <b>PASSED</b>                          | <b>DURATION - 0.505 s</b> |  | <b>Steps</b><br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 11:36:18.101 PM // 11:36:18.606 PM / |                           |  |   |   |
| Sign In and Sign Out in dsAlgo Portal  |                           |  |   |   |
| @login5 @Regression                    |                           |  |   |   |

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the DS Algo Sign in Page  | PASSED | 0.125 s  |
| 2 | When The user clicks the login button after entering an invalid username and valid password from excel 1 | PASSED | 0.326 s  |
| 3 | Then The user should see an error message "Invalid Username and Password"                                | PASSED | 0.052 s  |

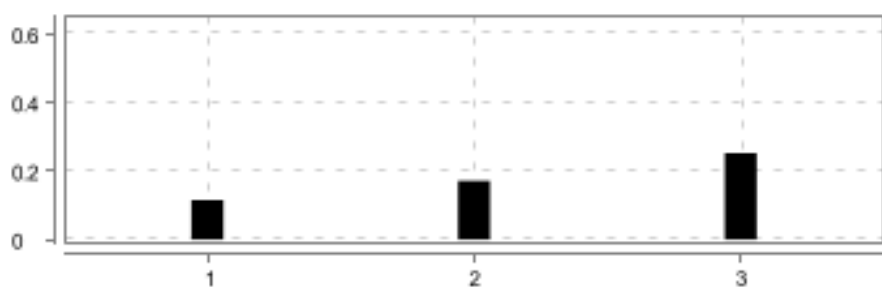

### Verify that user receives an error message for invalid Username during login

|  |                           |  |   |   |
|--|---------------------------|--|---|---|
| <b>PASSED</b>                          | <b>DURATION - 0.532 s</b> |  | <b>Steps</b><br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 11:36:18.615 PM // 11:36:19.147 PM / |                           |  |   |   |
| Sign In and Sign Out in dsAlgo Portal  |                           |  |   |   |
| @login5 @Regression                    |                           |  |   |   |

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the DS Algo Sign in Page  | PASSED | 0.115 s  |
| 2 | When The user clicks the login button after entering an invalid username and valid password from excel 2 | PASSED | 0.371 s  |
| 3 | Then The user should see an error message "Invalid Username and Password"                                | PASSED | 0.043 s  |

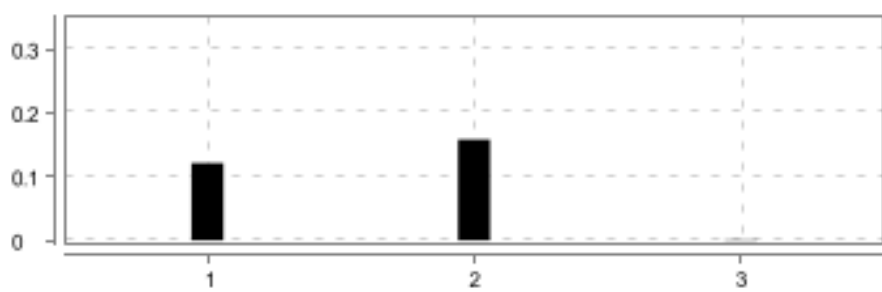

### Verify that user receives an error message for invalid Username during login



|   |                               |   |   |  |
|---|-------------------------------|---|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 0.543 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:36:19.154 PM // 11:36:19.697 PM /</div> |                               |   |   |  |
| <div>Sign In and Sign Out in dsAlgo Portal</div>  |                               |   |   |  |
| <div>@login5 @Regression</div>                    |                               |   |   |  |

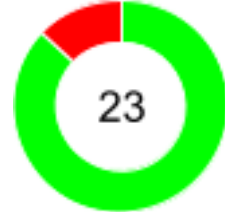
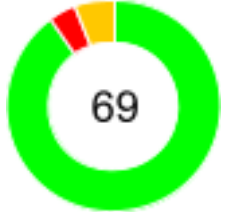
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the DS Algo Sign in Page  | PASSED | 0.115 s  |
| 2 | When The user clicks the login button after entering an invalid username and valid password from excel 3 | PASSED | 0.172 s  |
| 3 | Then The user should see an error message "Invalid Username and Password"                                | PASSED | 0.253 s  |

### Verify that user is able to land on the Home page after entering valid credentials

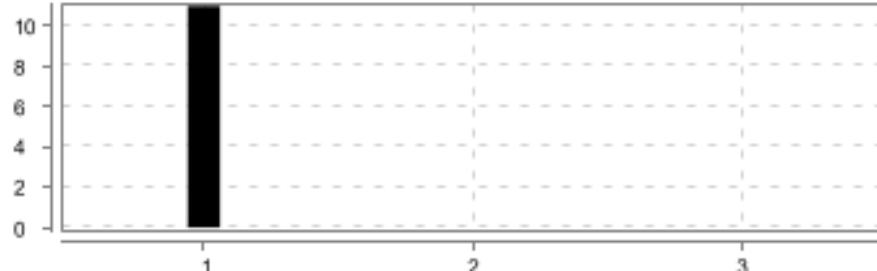

|   |                               |   |   |  |
|---|-------------------------------|---|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 0.282 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:36:19.706 PM // 11:36:19.988 PM /</div> |                               |   |   |  |
| <div>Sign In and Sign Out in dsAlgo Portal</div>  |                               |   |   |  |
| <div>@Regression @login6</div>                    |                               |   |   |  |

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the DS Algo Sign in Page   | PASSED | 0.121 s  |
| 2 | When The user clicks the login button after entering valid username and valid password from excel 4 | PASSED | 0.158 s  |
| 3 | Then The user should land in Data Structure Home Page with message You are logged in                | PASSED | 0.001 s  |

### Queue DataStructure

|  |                            |            |   |            |   |
|--|----------------------------|------------|---|------------|---|
| <b>FAILED</b>                          | <b>DURATION - 50.108 s</b> | Scenarios  |  | Steps      |  |
| / 11:36:20.001 PM // 11:37:10.109 PM / |                            | Total - 23 |   | Total - 69 |   |
|  |                            | Pass - 20  |   | Pass - 62  |   |
|  |                            | Fail - 3   |   | Fail - 3   |   |
|  |                            | Skip - 0   |   | Skip - 4   |   |

### Navigate to Queue Data Structure Page

|  |  |  |   |   |
|--|--|--|---|---|
| <div>FAILED</div> <div>DURATION - 10.950 s</div> |  |  | <div>Steps</div> <div>Total - 3</div> <div>Pass - 0</div> <div>Fail - 1</div> <div>Skip - 2</div> |  |
| / 11:36:20.001 PM // 11:36:30.951 PM /           |  |  |   |   |
| Queue DataStructure                              |  |  |   |   |
| @Regression                                      |  |  |   |   |

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | <p>Given The user is on the Home page</p> <p>org.openqa.selenium.NoSuchElementException: no such element: Unable to locate element: {"method":"xpath","selector":"//a[text()='Sign in']"} (Session info: chrome=134.0.6998.89) For documentation on this error, please visit: https://www.selenium.dev/documentation/webdriver/troubleshooting/errors#no-such-element-exception Build info: version: '4.28.1', revision: '73f5ad48a2' System info: os.name: 'Windows 11', os.arch: 'amd64', os.version: '10.0', java.version: '23.0.2' Driver info: org.openqa.selenium.chrome.ChromeDriver Command: [ae59c59c28470bae926bd91725a85a60, findElement {using=xpath, value=//a[text()='Sign in']}] Capabilities {acceptInsecureCerts: false, browserName: chrome, browserVersion: 134.0.6998.89, chrome: {chromedriverVersion: 134.0.6998.165 (fd886e2cb29..., userDataDir: C:\Users\ashok\AppData\Loca...}, fedcm:accounts: true, goog:chromeOptions: {debuggerAddress: localhost:51424}, networkConnectionEnabled: false, pageLoadStrategy: normal, platformName: windows, proxy: Proxy(), se:cdp: ws://localhost:51424/devtoo..., se:cdpVersion: 134.0.6998.89, 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: ae59c59c28470bae926bd91725a85a60</p> <p>at java.base/jdk.internal.reflect.DirectConstructorHandleAccessor.newInstance(DirectConstructorHandleAccessor.java:62)<br/> at java.base/java.lang.reflect.Constructor.newInstanceWithCaller(Constructor.java:501)<br/> at java.base/java.lang.reflect.Constructor.newInstance(Constructor.java:485)<br/> at org.openqa.selenium.remote.ErrorCodec.decode(ErrorCodec.java:167)<br/> at org.openqa.selenium.remote.codec.w3c.W3CHttpResponseCodec.decode(W3CHttpResponseCodec.java:138)<br/> at org.openqa.selenium.remote.codec.w3c.W3CHttpResponseCodec.decode(W3CHttpResponseCodec.java:50)<br/> at org.openqa.selenium.remote.HttpCommandExecutor.execute(HttpCommandExecutor.java:215)<br/> at org.openqa.selenium.remote.service.DriverCommandExecutor.invokeExecute(DriverCommandExecutor.java:216)</p> | FAILED | 10.947 s |

| # | Step / Hook Details   | Status  | Duration |
|---|---|---------|----------|
|   | <pre> 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.click(Unknown Source) at pageObjects.QueuePage.SignIn(QueuePage.java:103) at StepDefinitions.QueueSteps.the_user_is_on_the_home_page(QueueSteps.java:55) at ?.The user is on the Home page(file:///C:/Users/ashok/eclipse-workspace/DsAlgo_Cucumber/src/test/resources/Features/Queue.feature:9) * Not displayable characters are replaced by '?'. </pre> |         |          |
| 2 | When The user selects Getting Started in Queue Panel or the user selects Queue item from the drop down menu   | SKIPPED | 0.000 s  |
| 3 | Then The user should be directed to the Queue Data Structure Page   | SKIPPED | 0.001 s  |
|   | <p>AFTER - StepDefinitions.Hooks.afterstep(io.cucumber.java.Scenario)</p> <pre> java.lang.NullPointerException: Cannot invoke "org.openqa.selenium.TakesScreenshot.getScreenshotAs(org.openqa.selenium.OutputType)" because "screenshotTaker" is null at StepDefinitions.Hooks.afterstep(Hooks.java:41) </pre>  | FAILED  | 0.002 s  |

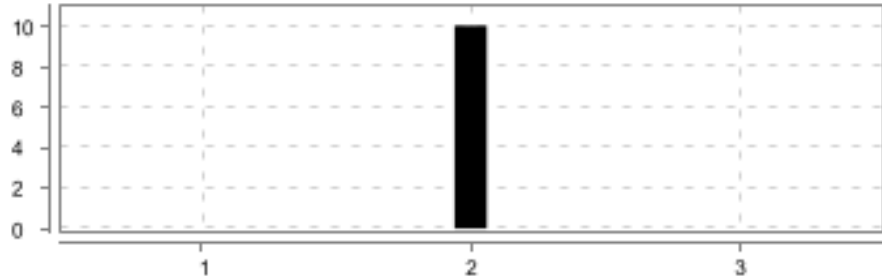

## Navigate to Implementation of Queue in Python page

|  |   |  |  |
|--|---|--|--|
| <b>FAILED</b><br>DURATION - 10.080 s<br>/ 11:36:30.962 PM // 11:36:41.042 PM /<br>Queue DataStructure<br>@Regression | <p>A bar chart with a y-axis from 0 to 10 and an x-axis with steps 1, 2, and 3. A single black bar is present at step 2, reaching a height of 10.080.</p> | Steps<br>Total - 3<br>Pass - 1<br>Fail - 1<br>Skip - 1 | <p>A donut chart divided into three segments: green (1), red (1), and yellow (1). The number 3 is in the center.</p> |
|--|---|--|--|

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Queue page  | PASSED | 0.007 s  |
| 2 | When The user clicks Implementation of Queue in Python button<br><pre> org.openqa.selenium.NoSuchElementException: no such element: Unable to locate element: {"method":"xpath","selector":"//a[text()='Implementation of Queue in Python']"} (Session info: chrome=134.0.6998.89) For documentation on this error, please visit: https://www.selenium.dev/documentation/webdriver/troubleshooting/errors#no-such-element-exception Build info: version: '4.28.1', revision: '73f5ad48a2' System info: os.name: 'Windows 11', os.arch: 'amd64', os.version: '10.0', java.version: '23.0.2' Driver </pre> | FAILED | 10.069 s |

| # | Step / Hook Details  | Status  | Duration |
|---|--|---------|----------|
|   | <p>info: org.openqa.selenium.chrome.ChromeDriver Command: [ae59c59c28470bae926bd91725a85a60, findElement {using=xpath, value=//a[text()='Implementation of Queue in Python']}] Capabilities {acceptInsecureCerts: false, browserName: chrome, browserVersion: 134.0.6998.89, chrome: {chromedriverVersion: 134.0.6998.165 (fd886e2cb29..., userDataDir: C:\Users\ashok\AppData\Loca...}, fedcm:accounts: true, goog:chromeOptions: {debuggerAddress: localhost:51424}, networkConnectionEnabled: false, pageLoadStrategy: normal, platformName: windows, proxy: Proxy(), se:cdp: ws://localhost:51424/devtoo..., se:cdpVersion: 134.0.6998.89, 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: ae59c59c28470bae926bd91725a85a60</p> <p>at java.base/jdk.internal.reflect.DirectConstructorHandleAccessor.newInstance(DirectConstructorHandleAccessor.java:62)<br/> at java.base/java.lang.reflect.Constructor.newInstanceWithCaller(Constructor.java:501)<br/> at java.base/java.lang.reflect.Constructor.newInstance(Constructor.java:485)<br/> at org.openqa.selenium.remote.ErrorCodec.decode(ErrorCodec.java:167)<br/> at org.openqa.selenium.remote.codec.w3c.W3CHttpResponseCodec.decode(W3CHttpResponseCodec.java:138)<br/> at org.openqa.selenium.remote.codec.w3c.W3CHttpResponseCodec.decode(W3CHttpResponseCodec.java:50)<br/> at org.openqa.selenium.remote.HttpCommandExecutor.execute(HttpCommandExecutor.java:215)<br/> at org.openqa.selenium.remote.service.DriverCommandExecutor.invokeExecute(DriverCommandExecutor.java:216)<br/> at org.openqa.selenium.remote.service.DriverCommandExecutor.execute(DriverCommandExecutor.java:174)<br/> at org.openqa.selenium.remote.RemoteWebDriver.execute(RemoteWebDriver.java:545)<br/> at org.openqa.selenium.remote.ElementLocation\$ElementFinder\$2.findElement(ElementLocation.java:165)<br/> at org.openqa.selenium.remote.ElementLocation.findElement(ElementLocation.java:59)<br/> at org.openqa.selenium.remote.RemoteWebDriver.findElement(RemoteWebDriver.java:368)<br/> at org.openqa.selenium.remote.RemoteWebDriver.findElement(RemoteWebDriver.java:362)<br/> at org.openqa.selenium.support.pagefactory.DefaultElementLocator.findElement(DefaultElementLocator.java:68)<br/> at org.openqa.selenium.support.pagefactory.internal.LocatingElementHandler.invoke(LocatingElementHandler.java:38)<br/> at jdk.proxy2/jdk.proxy2.\$Proxy44.click(Unknown Source)<br/> at pageObjects.QueuePage.clickImplementationOfQueueInPython(QueuePage.java:122)<br/> at StepDefinitions.QueueSteps.the_user_clicks_implementation_of_queue_in_python_button(QueueSteps.java:84)<br/> at ?.The user clicks Implementation of Queue in Python button(file:///C:/Users/ashok/eclipse-workspace/DsAlgo_Cucumber/src/test/resources/Features/Queue.feature:15)<br/> * Not displayable characters are replaced by '?'. </p> |         |          |
| 3 | Then The user should be redirected to Implementation of Queue in Python page   | SKIPPED | 0.000 s  |
|   | AFTER - StepDefinitions.Hooks.afterstep(io.cucumber.java.Scenario)   | FAILED  | 0.003 s  |
|   | <p>java.lang.NullPointerException: Cannot invoke "org.openqa.selenium.TakesScreenshot.getScreenshotAs(org.openqa.selenium.OutputType)" because "screenshotTaker" is null</p> <p>at StepDefinitions.Hooks.afterstep(Hooks.java:41)</p>  |         |          |

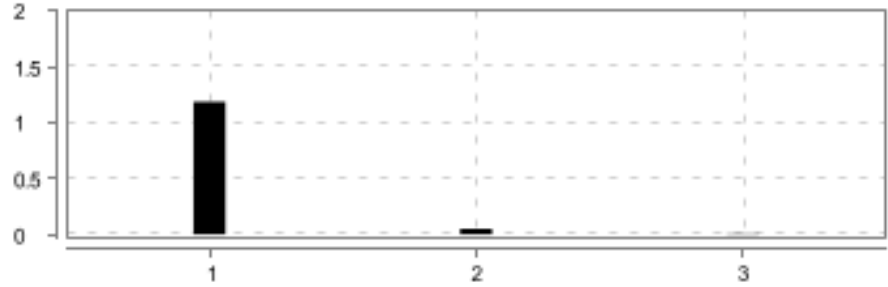

**Navigate to try editor page for Implementation of Queue in Python**

|   |                                |   |   |  |
|---|--------------------------------|---|---|--|
| <div>FAILED</div>                                 | <div>DURATION - 10.045 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 1</div> <div>Fail - 1</div> <div>Skip - 1</div> | <div></div> |
| <div>/ 11:36:41.051 PM // 11:36:51.096 PM /</div> |                                |   |   |  |
| <div>Queue DataStructure</div>                    |                                |   |   |  |
| <div>@Regression</div>                            |                                |   |   |  |

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Implementation of Queue in Python page  | PASSED | 0.007 s  |
| 2 | When The user clicks Try Here button in Queue in Python page<br><pre> org.openqa.selenium.NoSuchElementException: no such element: Unable to locate element: {"method":"xpath","selector":"//a[text()='Try here&gt;&gt;&gt;']"} (Session info: chrome=134.0.6998.89) For documentation on this error, please visit: https://www.selenium.dev/documentation/webdriver/troubleshooting/errors#no-such-element-exception Build info: version: '4.28.1', revision: '73f5ad48a2' System info: os.name: 'Windows 11', os.arch: 'amd64', os.version: '10.0', java.version: '23.0.2' Driver info: org.openqa.selenium.chrome.ChromeDriver Command: [ae59c59c28470bae926bd91725a85a60, findElement {using=xpath, value=//a[text()='Try here&gt;&gt;&gt;']}] Capabilities {acceptInsecureCerts: false, browserName: chrome, browserVersion: 134.0.6998.89, chrome: {chromedriverVersion: 134.0.6998.165 (fd886e2cb29..., userDataDir: C:\Users\ashok\AppData\Loca..., fedcm:accounts: true, goog:chromeOptions: {debuggerAddress: localhost:51424}, networkConnectionEnabled: false, pageLoadStrategy: normal, platformName: windows, proxy: Proxy(), se:cdp: ws://localhost:51424/devtoo..., se:cdpVersion: 134.0.6998.89, 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: ae59c59c28470bae926bd91725a85a60     at java.base/jdk.internal.reflect.DirectConstructorHandleAccessor.newInstance(DirectConstructorHandleAccessor.java:62)     at java.base/java.lang.reflect.Constructor.newInstanceWithCaller(Constructor.java:501)     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.codec.w3c.W3CHttpResponseCodec.decode(W3CHttpResponseCodec.java:50)     at org.openqa.selenium.remote.HttpCommandExecutor.execute(HttpCommandExecutor.java:215)     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.click(Unknown Source) </pre> | FAILED | 10.034 s |

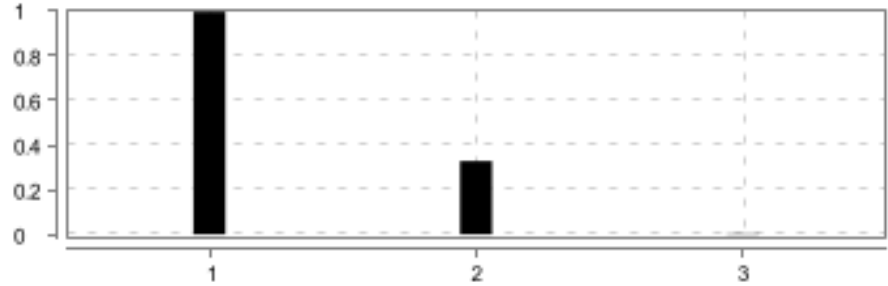

| # | Step / Hook Details   | Status  | Duration |
|---|---|---------|----------|
|   | at pageObjects.QueuePage.clickTryHereBtn(QueuePage.java:126)<br>at StepDefinitions.QueueSteps.the_user_clicks_try_here_button_in_queue_in_python_page(QueueSteps.java:99)<br>at ?.The user clicks Try Here button in Queue in Python page(file:///C:/Users/ashok/eclipse-workspace/DsAlgo_Cucumber/src/test/resources/Features/Queue.feature:20)<br>* Not displayable characters are replaced by '?'. |         |          |
| 3 | Then The user should be redirected to a page having a try Editor with a Run button to test  | SKIPPED | 0.000 s  |
|   | AFTER - StepDefinitions.Hooks.afterstep(io.cucumber.java.Scenario)<br>java.lang.NullPointerException: Cannot invoke "org.openqa.selenium.TakesScreenshot.getScreenshotAs(org.openqa.selenium.OutputType)" because "screenshotTaker" is null<br>at StepDefinitions.Hooks.afterstep(Hooks.java:41)  | FAILED  | 0.002 s  |

### Error on clicking Run button without entering code for Implementation of Queue in Python

|  |  |                    |  |  |  |   |
|--|--|--------------------|--|--|--|---|
| PASSED                                 |  | DURATION - 1.246 s |  |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 11:36:51.104 PM // 11:36:52.350 PM / |  |                    |  |  |  |   |
| Queue DataStructure                    |  |                    |  |  |  |   |
| @Regression                            |  |                    |  |  |  |   |

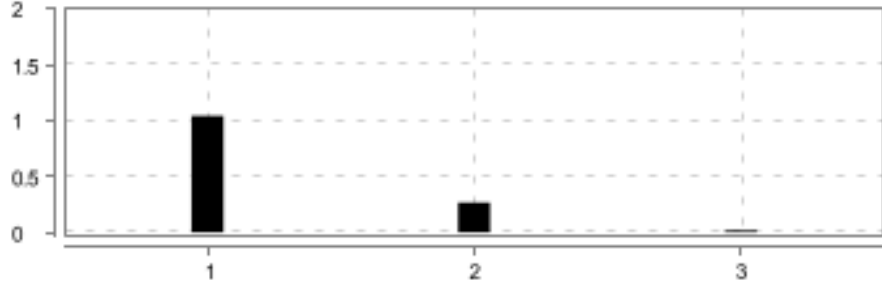

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the try editor page in the Implementation of Queue on Python page | PASSED | 1.187 s  |
| 2 | When The user clicks the Run Button without entering the code in the Editor            | PASSED | 0.051 s  |
| 3 | Then The user should see an error message in the alert window                          | PASSED | 0.005 s  |

### Error for invalid Python code for Implementation of Queue in Python

|  |                    |  |  |   |
|--|--------------------|--|--|---|
| PASSED                                 | DURATION - 1.331 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 11:36:52.360 PM // 11:36:53.691 PM / |                    |  |  |   |
| Queue DataStructure                    |                    |  |  |   |
| @Regression                            |                    |  |  |   |

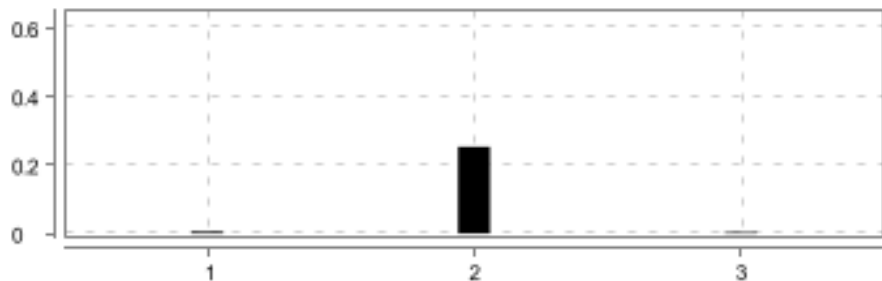

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the try editor page in the Implementation of Queue on Python page  | PASSED | 0.997 s  |
| 2 | When The user writes invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks the Run Button for queue tryEditor | PASSED | 0.329 s  |
| 3 | Then The user should see an error message in the alert window   | PASSED | 0.003 s  |

### Output for valid Python code for Implementation of Queue in Python

|  |                    |  |  |   |
|--|--------------------|--|--|---|
| PASSED                                 | DURATION - 1.333 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 11:36:53.701 PM // 11:36:55.034 PM / |                    |  |  |   |
| Queue DataStructure                    |                    |  |  |   |
| @Regression                            |                    |  |  |   |

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the try editor page in the Implementation of Queue in Python page  | PASSED | 1.045 s  |
| 2 | When The user writes valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks the Run Button for queue tryEditor | PASSED | 0.268 s  |
| 3 | Then The user should see the output in the console  | PASSED | 0.017 s  |

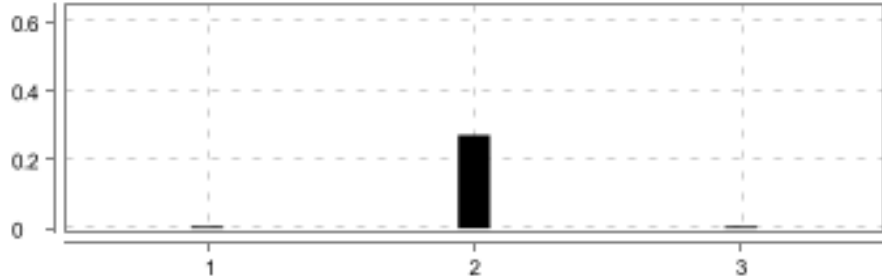

### Navigate to Practice Questions Page for Implementation of Queue in Python

|  |                    |  |  |   |
|--|--------------------|--|--|---|
| PASSED                                 | DURATION - 0.266 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 11:36:55.039 PM // 11:36:55.305 PM / |                    |  |  |   |
| Queue DataStructure                    |                    |  |  |   |
| @Regression                            |                    |  |  |   |

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Queue page  | PASSED | 0.006 s  |
| 2 | When The user clicks Practice Questions button in the Implementation of Queue in Python page | PASSED | 0.254 s  |

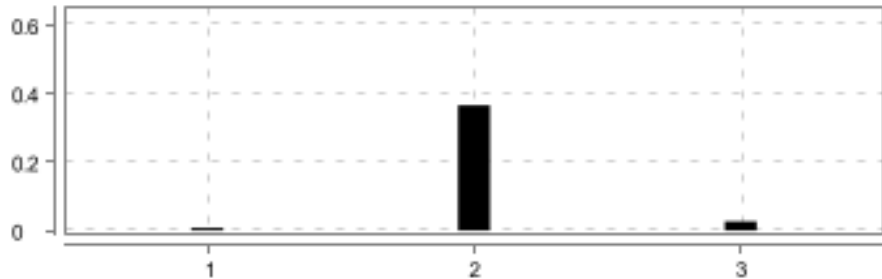

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 3 | Then The user should be redirected to the Practice Questions page | PASSED | 0.004 s  |

### Navigate to Implementation using collections.deque page

|  |                    |  |  |   |
|--|--------------------|--|--|---|
| PASSED                                 | DURATION - 0.285 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 11:36:55.313 PM // 11:36:55.598 PM / |                    |  |  |   |
| Queue DataStructure                    |                    |  |  |   |
| @Regression                            |                    |  |  |   |

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the Queue page   | PASSED | 0.006 s  |
| 2 | When The user clicks Implementation using collections.deque button page               | PASSED | 0.272 s  |
| 3 | Then The user should be redirected to the Implementation using collections.deque page | PASSED | 0.006 s  |

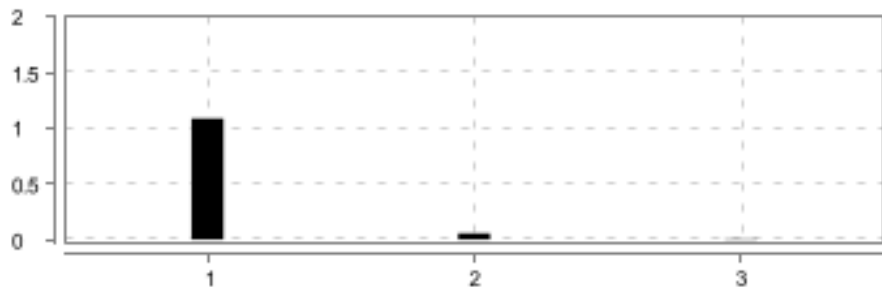

### Navigate to try editor page for Implementation using collections.deque

|  |                    |   |  |  |
|--|--------------------|---|--|--|
| PASSED                                 | DURATION - 0.402 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 11:36:55.605 PM // 11:36:56.007 PM / |                    |   |  |  |
| Queue DataStructure                    |                    |   |  |  |
| @Regression                            |                    |   |  |  |

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Implementation using collections.deque page                       | PASSED | 0.008 s  |
| 2 | When The user clicks Try Here button in Queue in Python page                               | PASSED | 0.366 s  |
| 3 | Then The user should be redirected to a page having a try Editor with a Run button to test | PASSED | 0.027 s  |

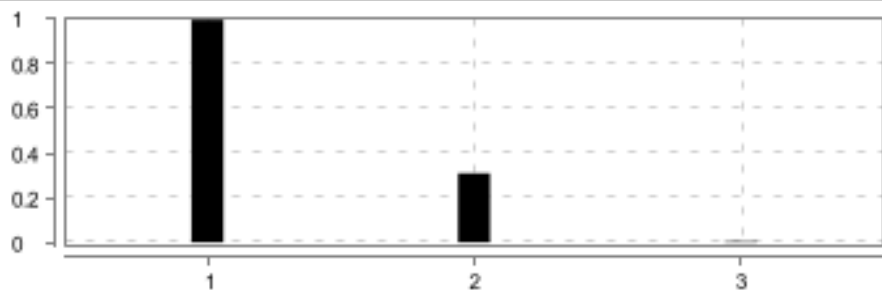

### Error on clicking Run button without entering code for Implementation using collections.deque



|  |                               |  |   |   |
|--|-------------------------------|--|---|---|
| <div>PASSED</div>                      | <div>DURATION - 1.151 s</div> |  | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> |  |
| / 11:36:56.014 PM // 11:36:57.165 PM / |                               |  |   |   |
| Queue DataStructure                    |                               |  |   |   |
| @Regression                            |                               |  |   |   |

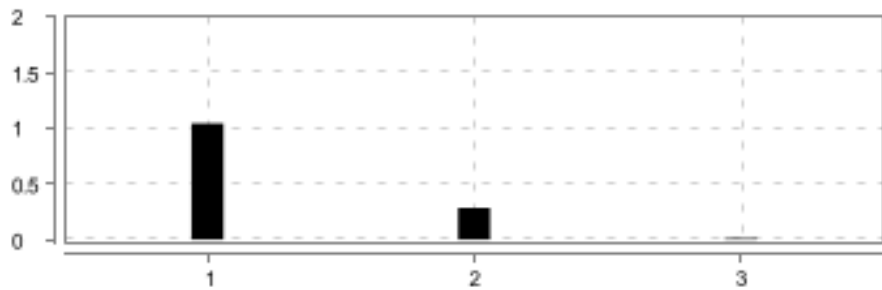

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the try editor page in the Implementation using collections.deque page | PASSED | 1.088 s  |
| 2 | When The user clicks the Run Button without entering the code in the Editor                 | PASSED | 0.055 s  |
| 3 | Then The user should see an error message in the alert window                               | PASSED | 0.005 s  |

### Error for invalid Python code for Implementation using collections.deque

|   |                               |   |   |  |
|---|-------------------------------|---|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 1.313 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:36:57.176 PM // 11:36:58.489 PM /</div> |                               |   |   |  |
| <div>Queue DataStructure</div>                    |                               |   |   |  |
| <div>@Regression</div>                            |                               |   |   |  |

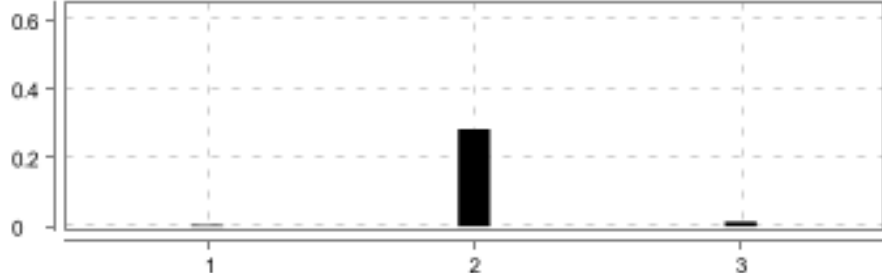

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the try editor page in the Implementation using collections.deque page   | PASSED | 0.997 s  |
| 2 | When The user writes invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks the Run Button for queue tryEditor | PASSED | 0.310 s  |
| 3 | Then The user should see an error message in the alert window   | PASSED | 0.004 s  |

### Output for valid Python code for Implementation using collections.deque

|   |   |   |  |
|---|---|---|--|
| <div>PASSED</div> <div>DURATION - 1.343 s</div>   | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:36:58.498 PM // 11:36:59.841 PM /</div> |   |   |  |
| <div>Queue DataStructure</div>                    |   |   |  |
| <div>@Regression</div>                            |   |   |  |

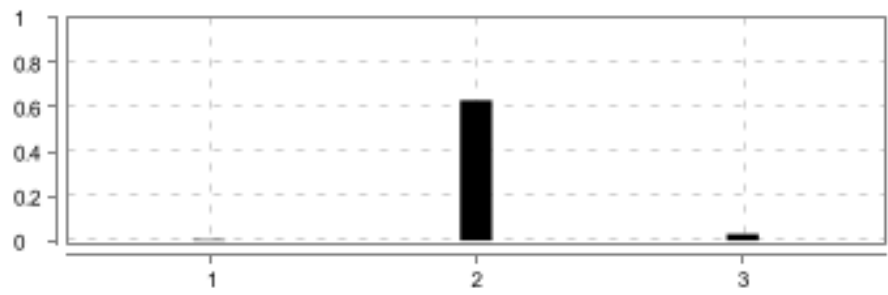

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the try editor page in the Implementation using collections.deque page   | PASSED | 1.045 s  |
| 2 | When The user writes valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks the Run Button for queue tryEditor | PASSED | 0.284 s  |
| 3 | Then The user should see the output in the console  | PASSED | 0.011 s  |

### Navigate to Implementation using array page

|   |                               |  |  |  |
|---|-------------------------------|--|--|--|
| <div>PASSED</div>                                 | <div>DURATION - 0.302 s</div> | <div></div> | <div><div>Steps</div><div>Total - 3</div><div>Pass - 3</div><div>Fail - 0</div><div>Skip - 0</div></div> | <div></div> |
| <div>/ 11:36:59.846 PM // 11:37:00.148 PM /</div> |                               |  |  |  |
| <div>Queue DataStructure</div>                    |                               |  |  |  |
| <div>@Regression</div>                            |                               |  |  |  |

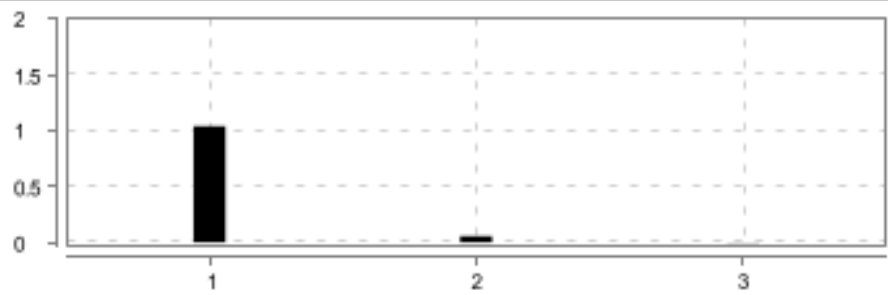

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the Queue page                                       | PASSED | 0.004 s  |
| 2 | When The user clicks Implementation using array button                    | PASSED | 0.283 s  |
| 3 | Then The user should be redirected to the Implementation using array page | PASSED | 0.013 s  |

### Navigate to try editor page for Implementation using array page

|   |                               |   |   |  |
|---|-------------------------------|---|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 0.670 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:37:00.157 PM // 11:37:00.827 PM /</div> |                               |   |   |  |
| <div>Queue DataStructure</div>                    |                               |   |   |  |
| <div>@Regression</div>                            |                               |   |   |  |

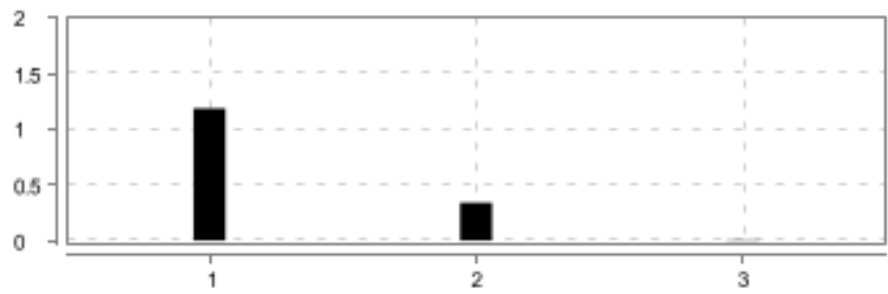

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Implementation using array page                                   | PASSED | 0.005 s  |
| 2 | When The user clicks Try Here button in Queue in Python page                               | PASSED | 0.631 s  |
| 3 | Then The user should be redirected to a page having a try Editor with a Run button to test | PASSED | 0.030 s  |

### Error on clicking Run button without entering code for Implementation using array page

|  |  |                    |  |  |   |   |  |
|--|--|--------------------|--|--|---|---|--|
| <b>PASSED</b>                          |  | DURATION - 1.100 s |  |  | <b>Steps</b><br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |  |
| / 11:37:00.832 PM // 11:37:01.932 PM / |  |                    |  |  |   |   |  |
| Queue DataStructure                    |  |                    |  |  |   |   |  |
| @Regression                            |  |                    |  |  |   |   |  |

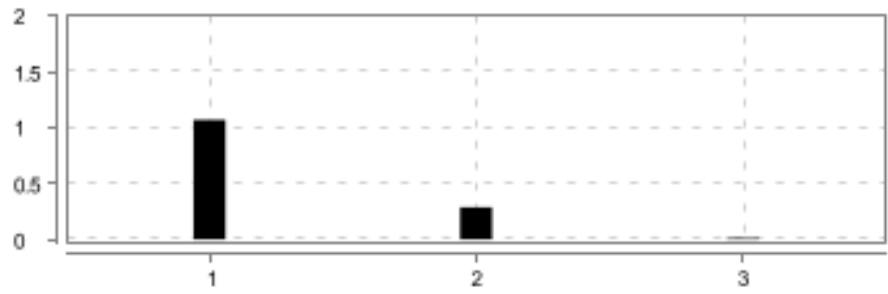

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the try editor page in the Implementation using array page | PASSED | 1.040 s  |
| 2 | When The user clicks the Run Button without entering the code in the Editor     | PASSED | 0.055 s  |
| 3 | Then The user should see an error message in the alert window                   | PASSED | 0.004 s  |

### Error for invalid Python code for Implementation using array page

|  |                               |   |   |  |
|--|-------------------------------|---|---|--|
| <div>PASSED</div>                      | <div>DURATION - 1.536 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| / 11:37:01.940 PM // 11:37:03.476 PM / |                               |   |   |  |
| Queue DataStructure                    |                               |   |   |  |
| @Regression                            |                               |   |   |  |

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the try editor page in the Implementation using array page   | PASSED | 1.187 s  |
| 2 | When The user writes invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks the Run Button for queue tryEditor | PASSED | 0.341 s  |
| 3 | Then The user should see an error message in the alert window   | PASSED | 0.006 s  |

### Output for valid Python code for Implementation using array

|   |                               |  |   |  |
|---|-------------------------------|--|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 1.372 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:37:03.485 PM // 11:37:04.857 PM /</div> |                               |  |   |  |
| <div>Queue DataStructure</div>                    |                               |  |   |  |
| <div>@Regression</div>                            |                               |  |   |  |

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the try editor page in the Implementation using array page   | PASSED | 1.070 s  |
| 2 | When The user writes valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks the Run Button for queue tryEditor | PASSED | 0.288 s  |
| 3 | Then The user should see the output in the console  | PASSED | 0.013 s  |

### Navigate to Queue Operations page

|  |                    |  |   |  |
|--|--------------------|--|---|--|
| <b>PASSED</b>                          | DURATION - 0.287 s |  | <b>Steps</b><br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 11:37:04.864 PM // 11:37:05.151 PM / |                    |  |   |  |
| Queue DataStructure                    |                    |  |   |  |
| @Regression                            |                    |  |   |  |

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the Queue page                             | PASSED | 0.004 s  |
| 2 | When The user clicks Queue Operations button                    | PASSED | 0.261 s  |
| 3 | Then The user should be redirected to the Queue Operations page | PASSED | 0.017 s  |

### Navigate to try editor page for Queue Operations

|  |                    |  |   |  |
|--|--------------------|--|---|--|
| <b>PASSED</b>                          | DURATION - 0.417 s |  | <b>Steps</b><br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 11:37:05.162 PM // 11:37:05.579 PM / |                    |  |   |  |
| Queue DataStructure                    |                    |  |   |  |
| @Regression                            |                    |  |   |  |

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Queue Operations page   | PASSED | 0.006 s  |
| 2 | When The user clicks Try Here button in Queue in Python page                               | PASSED | 0.374 s  |
| 3 | Then The user should be redirected to a page having a try Editor with a Run button to test | PASSED | 0.033 s  |

### Error on clicking Run button without entering code for Queue Operations

|  |                           |  |   |  |
|--|---------------------------|--|---|--|
| <b>PASSED</b>                          | <b>DURATION - 1.292 s</b> |  | <b>Steps</b><br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 11:37:05.586 PM // 11:37:06.878 PM / |                           |  |   |  |
| Queue DataStructure                    |                           |  |   |  |
| @Regression                            |                           |  |   |  |

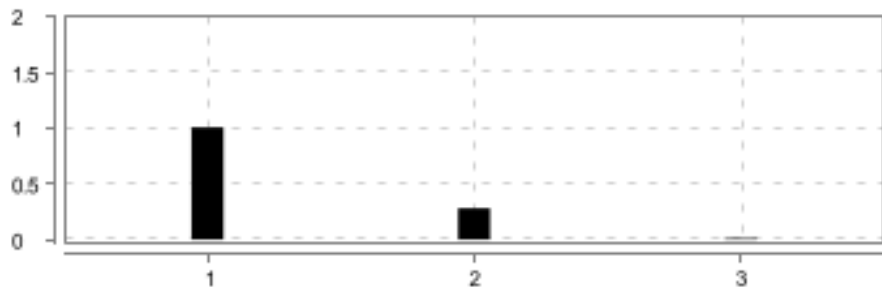

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the try editor page in the Queue Operations page       | PASSED | 1.233 s  |
| 2 | When The user clicks the Run Button without entering the code in the Editor | PASSED | 0.053 s  |
| 3 | Then The user should see an error message in the alert window               | PASSED | 0.005 s  |

### Error for invalid Python code for Queue Operations

|  |                           |  |   |  |
|--|---------------------------|--|---|--|
| <b>PASSED</b>                          | <b>DURATION - 1.310 s</b> |  | <b>Steps</b><br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 11:37:06.885 PM // 11:37:08.195 PM / |                           |  |   |  |
| Queue DataStructure                    |                           |  |   |  |
| @Regression                            |                           |  |   |  |

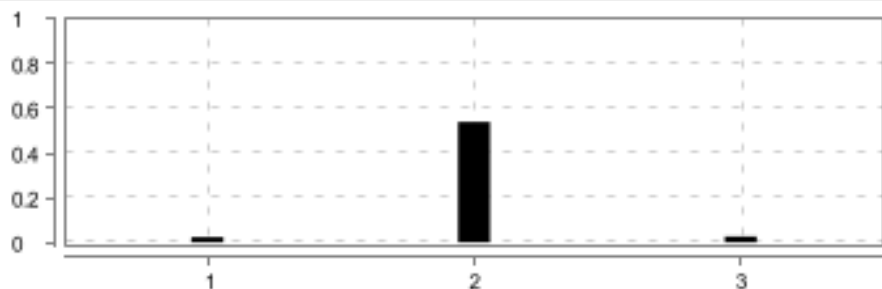

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the try editor page in the Queue Operations page   | PASSED | 0.957 s  |
| 2 | When The user writes invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks the Run Button for queue tryEditor | PASSED | 0.346 s  |
| 3 | Then The user should see an error message in the alert window   | PASSED | 0.004 s  |

### Output for valid Python code for Queue Operations

|   |  |   |   |  |
|---|--|---|---|--|
| <div>PASSED</div> <div>DURATION - 1.306 s</div>   |  | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:37:08.206 PM // 11:37:09.512 PM /</div> |  |   |   |  |
| <div>Queue DataStructure</div>                    |  |   |   |  |
| <div>@Regression</div>                            |  |   |   |  |



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the try editor page in the Queue Operations page   | PASSED | 1.010 s  |
| 2 | When The user writes valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks the Run Button for queue tryEditor | PASSED | 0.281 s  |
| 3 | Then The user should see the output in the console  | PASSED | 0.012 s  |

### Verify that user able to logout from the Queue data structure

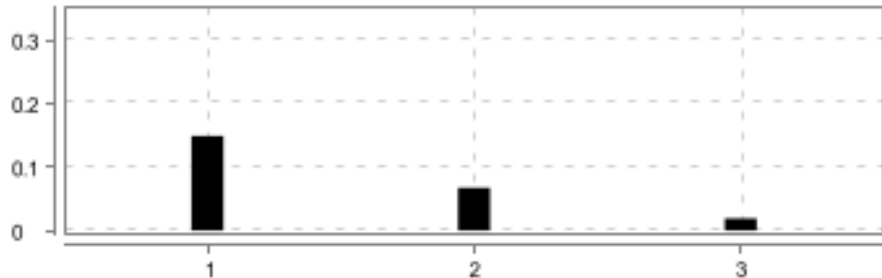

|  |                               |   |   |   |
|--|-------------------------------|---|---|---|
| <div>PASSED</div>                      | <div>DURATION - 0.591 s</div> |  | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> |  |
| / 11:37:09.518 PM // 11:37:10.109 PM / |                               |   |   |   |
| Queue DataStructure                    |                               |   |   |   |
| @Regression                            |                               |   |   |   |

| # | Step / Hook Details                                | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the Queue data structure page | PASSED | 0.023 s  |
| 2 | When The User clicks signout button.               | PASSED | 0.539 s  |
| 3 | Then The user should signout successfully.         | PASSED | 0.027 s  |

### User Registration

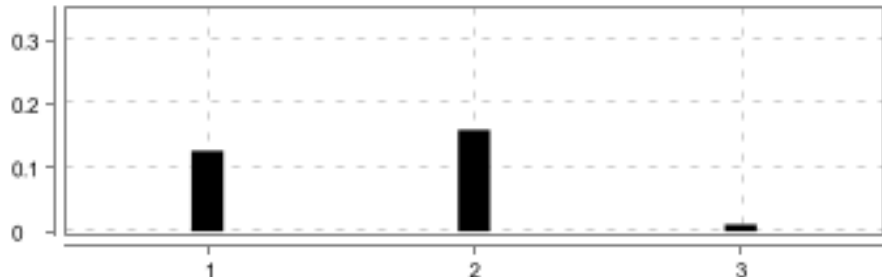

|  |                           |           |   |            |   |
|--|---------------------------|-----------|---|------------|---|
| <b>PASSED</b>                          | <b>DURATION - 1.485 s</b> | Scenarios |   | Steps      |   |
| / 11:37:10.119 PM // 11:37:11.604 PM / |                           | Total - 4 |  | Total - 12 |  |
|  |                           | Pass - 4  |   | Pass - 12  |   |
|  |                           | Fail - 0  |   | Fail - 0   |   |
|  |                           | Skip - 0  |   | Skip - 0   |   |

### Verify that user receives error message for all empty fields during registration

|   |                               |   |           |  |
|---|-------------------------------|---|-----------|--|
| <div>PASSED</div>                                 | <div>DURATION - 0.238 s</div> | <div></div> | Steps     | <div></div> |
| <div>/ 11:37:10.119 PM // 11:37:10.357 PM /</div> |                               |   | Total - 3 |  |
| <div>User Registration</div>                      |                               |   | Pass - 3  |  |
| <div>@Regression @register1</div>                 |                               |   | Fail - 0  |  |
|   |                               |   | Skip - 0  |  |

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the user registration page   | PASSED | 0.149 s  |
| 2 | When The user clicks Register button with "username", "password" and "confirm_password" empty | PASSED | 0.067 s  |
| 3 | Then The error message should be displayed under username                                     | PASSED | 0.019 s  |

### Verify that user receives error message for empty Username Confirmation field during registration

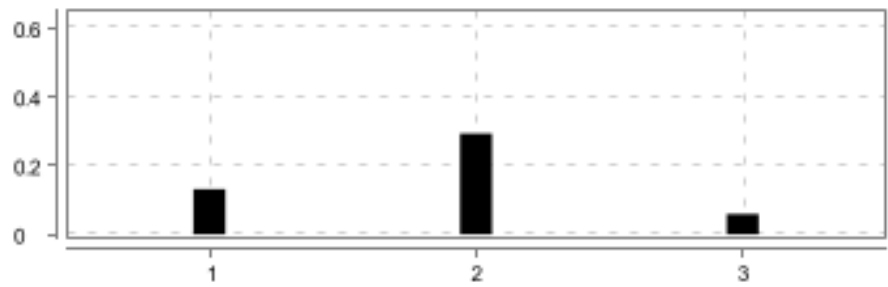

|   |  |   |           |  |
|---|--|---|-----------|--|
| <div>PASSED</div> <div>DURATION - 0.297 s</div> |  | <div></div> | Steps     | <div></div> |
| / 11:37:10.365 PM // 11:37:10.662 PM /          |  |   | Total - 3 |  |
| User Registration                               |  |   | Pass - 3  |  |
| @Regression @register2                          |  |   | Fail - 0  |  |
|   |  |   | Skip - 0  |  |

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the user registration page  | PASSED | 0.126 s  |
| 2 | When The user clicks Register button after entering Password and Password Confirmation with Username field empty 1 | PASSED | 0.159 s  |



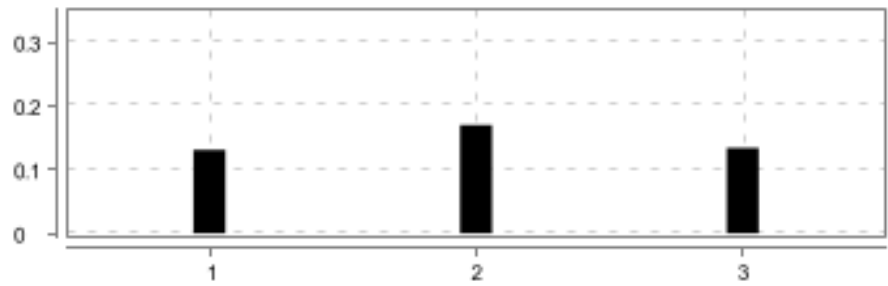

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 3 | Then The error message should be displayed "password_mismatch:The two password fields didn't match." | PASSED | 0.011 s  |

### Verify that user receives error message for mismatched Password and Password Confirmation field during registration

|  |  |                    |  |  |  |   |
|--|--|--------------------|--|--|--|---|
| PASSED                                 |  | DURATION - 0.488 s |  |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 11:37:10.672 PM // 11:37:11.160 PM / |  |                    |  |  |  |   |
| User Registration                      |  |                    |  |  |  |   |
| @Regression @register3                 |  |                    |  |  |  |   |

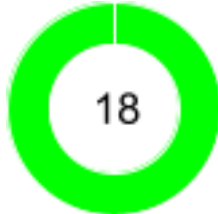
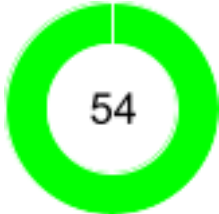
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the user registration page  | PASSED | 0.132 s  |
| 2 | When The user clicks Register button after entering different passwords in Password and Password Confirmation fields 2 | PASSED | 0.294 s  |
| 3 | Then The user should be able to see a password warning "password_mismatch:The two password fields didn't match."       | PASSED | 0.059 s  |

### Verify that user is able to land on Homepage after registration with valid fields

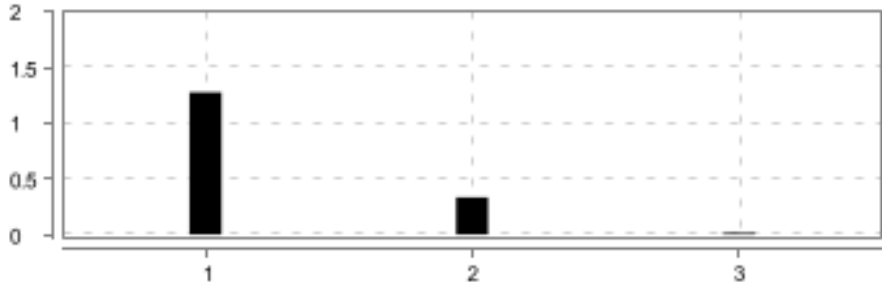

|  |                    |   |  |  |
|--|--------------------|---|--|--|
| PASSED                                 | DURATION - 0.436 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 11:37:11.168 PM // 11:37:11.604 PM / |                    |   |  |  |
| User Registration                      |                    |   |  |  |
| @register4 @Regression                 |                    |   |  |  |

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the user registration page  | PASSED | 0.131 s  |
| 2 | When The user clicks Register button after entering a valid username, password, and password confirmation in related textboxes 3 | PASSED | 0.170 s  |
| 3 | Then The user should be redirected to Home Page of DS Algo with success message  | PASSED | 0.134 s  |

## Stack DataStructure

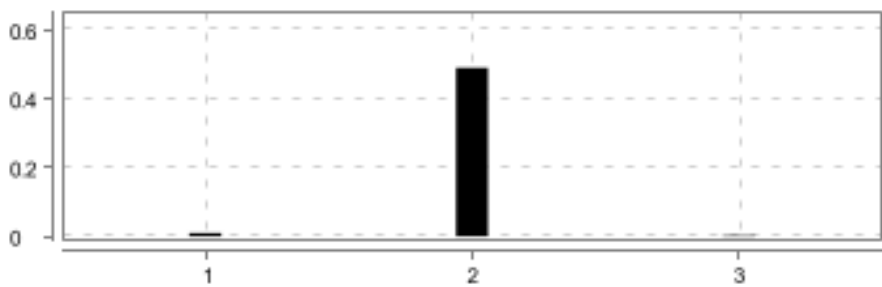

|  |                    |  |   |  |   |
|--|--------------------|--|---|--|---|
| <b>PASSED</b>                          | DURATION - 9.600 s | Scenarios<br>Total - 18<br>Pass - 18<br>Fail - 0<br>Skip - 0 |  | Steps<br>Total - 54<br>Pass - 54<br>Fail - 0<br>Skip - 0 |  |
| / 11:37:11.616 PM // 11:37:21.216 PM / |                    |  |   |  |   |
|  |                    |  |   |  |   |

## Navigate to Stack Data Structure Page

|  |                    |  |  |   |
|--|--------------------|--|--|---|
| <b>PASSED</b>                          | DURATION - 1.630 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 11:37:11.616 PM // 11:37:13.246 PM / |                    |  |  |   |
| Stack DataStructure                    |                    |  |  |   |
| @Stack1 @Regression                    |                    |  |  |   |

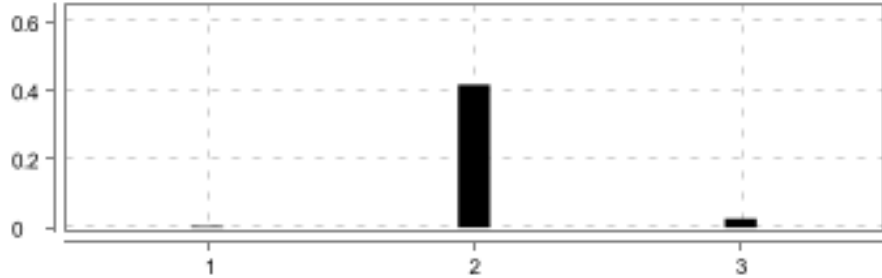

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given the user is on the homepage after logging into the dsAlgo Portal | PASSED | 1.278 s  |
| 2 | When the user selects the Getting Started button from the Stack panel  | PASSED | 0.334 s  |
| 3 | Then the user should be redirected to the Stack Data Structure page    | PASSED | 0.015 s  |

## Navigate to Operations in Stack Page

|  |                    |  |  |   |
|--|--------------------|--|--|---|
| <b>PASSED</b>                          | DURATION - 0.508 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 11:37:13.252 PM // 11:37:13.760 PM / |                    |  |  |   |
| Stack DataStructure                    |                    |  |  |   |
| @Stack2 @Regression                    |                    |  |  |   |

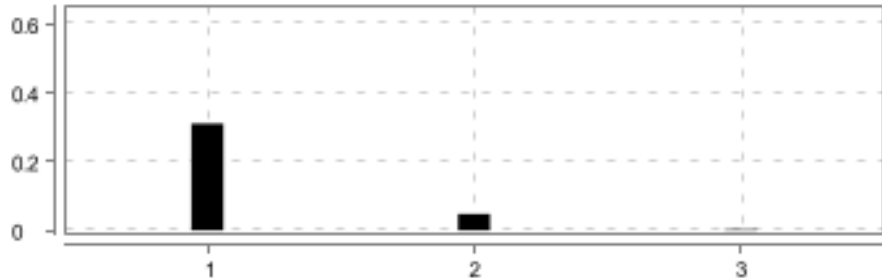

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given the user is on the Stack page                               | PASSED | 0.010 s  |
| 2 | When the user clicks the Operations in Stack link                 | PASSED | 0.491 s  |
| 3 | Then the user should be navigated to the Operations in Stack page | PASSED | 0.003 s  |

### Navigate to TryEditor for Operations in Stack

|  |                    |  |  |   |
|--|--------------------|--|--|---|
| PASSED                                 | DURATION - 0.449 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 11:37:13.768 PM // 11:37:14.217 PM / |                    |  |  |   |
| Stack DataStructure                    |                    |  |  |   |
| @Stack3 @Regression                    |                    |  |  |   |

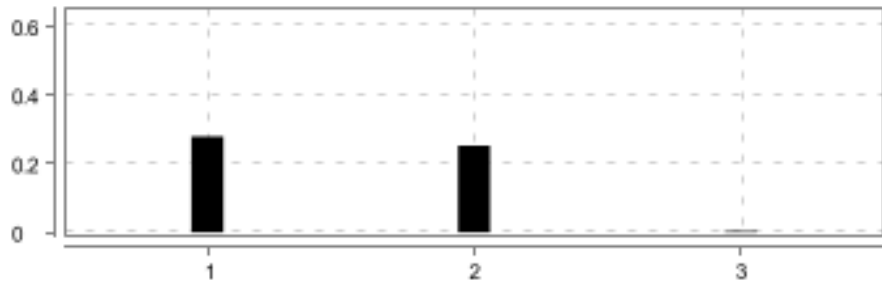

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given the user is on the Operations in Stack page  | PASSED | 0.004 s  |
| 2 | When the user clicks the Try Here button on the Operations in Stack page                               | PASSED | 0.417 s  |
| 3 | Then the user should be taken to a page containing a try editor with a Run button for testing the code | PASSED | 0.026 s  |

### Error on Clicking Run Without Code in Operations in Stack

|  |                    |   |  |  |
|--|--------------------|---|--|--|
| PASSED                                 | DURATION - 0.364 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 11:37:14.224 PM // 11:37:14.588 PM / |                    |   |  |  |
| Stack DataStructure                    |                    |   |  |  |
| @Stack4 @Regression                    |                    |   |  |  |

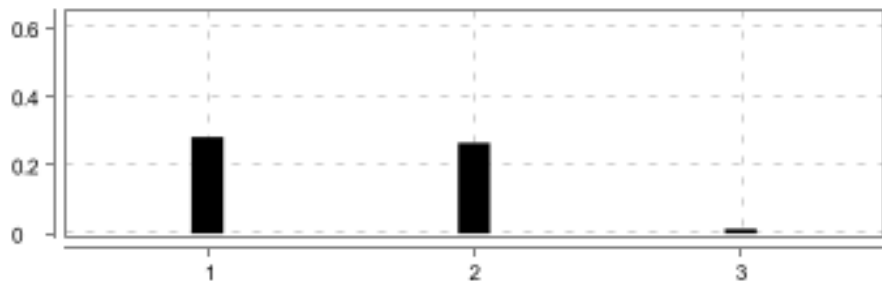

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given the user is on the TryEditor page in the Operations in Stack on Python page | PASSED | 0.311 s  |
| 2 | When the user clicks the Run button without any code in the editor                | PASSED | 0.048 s  |
| 3 | Then the user should receive an error message in the alert window                 | PASSED | 0.003 s  |

### Error for Invalid Python Code in Operations in Stack

|   |  |  |   |   |
|---|--|--|---|---|
| <div>PASSED</div> <div>DURATION - 0.537 s</div> |  |  | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> |  |
| / 11:37:14.596 PM // 11:37:15.133 PM /          |  |  |   |   |
| Stack DataStructure                             |  |  |   |   |
| @Stack5 @Regression                             |  |  |   |   |

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given the user is on the TryEditor page in the Operations in Stack on Python page  | PASSED | 0.279 s  |
| 2 | When the user types invalid python code from excel "pythonCode" and 1 and enters in the editor and clicks the Run button for stack TryEditor | PASSED | 0.253 s  |
| 3 | Then the user should see an error message in the alert window  | PASSED | 0.004 s  |

### Display Output for Valid Python Code in Operations in Stack

|   |  |   |   |  |
|---|--|---|---|--|
| <div>PASSED</div> <div>DURATION - 0.563 s</div> |  |  | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> |  |
| / 11:37:15.140 PM // 11:37:15.703 PM /          |  |   |   |  |
| Stack DataStructure                             |  |   |   |  |
| @Stack6 @Regression                             |  |   |   |  |

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given the user is on the TryEditor page in the Operations in Stack on Python page   | PASSED | 0.282 s  |
| 2 | When the user enters valid python code from excel "pythonCode" and 0 and enters in the editor and clicks the Run button for stack TryEditor | PASSED | 0.265 s  |
| 3 | Then the user should see the output displayed in the console  | PASSED | 0.013 s  |

### Navigate to Practice Questions Page for Operations in Stack

|  |                    |  |   |  |
|--|--------------------|--|---|--|
| <b>PASSED</b>                          | DURATION - 0.279 s |  | <b>Steps</b><br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 11:37:15.709 PM // 11:37:15.988 PM / |                    |  |   |  |
| Stack DataStructure                    |                    |  |   |  |
| @Regression @Stack7                    |                    |  |   |  |

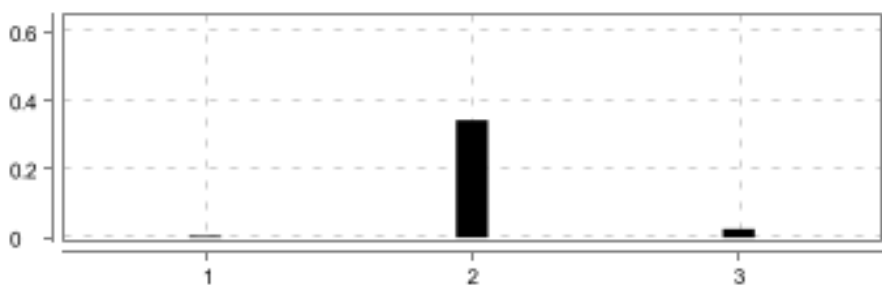

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given the user is on the Operations in Stack page  | PASSED | 0.005 s  |
| 2 | When the user clicks the Practice Questions button in the Operations in Stack on Python page | PASSED | 0.257 s  |
| 3 | Then the user should be redirected to the Practice Questions page                            | PASSED | 0.014 s  |

### Navigate to Implementation Page

|  |                    |  |   |  |
|--|--------------------|--|---|--|
| <b>PASSED</b>                          | DURATION - 0.287 s |  | <b>Steps</b><br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 11:37:15.994 PM // 11:37:16.281 PM / |                    |  |   |  |
| Stack DataStructure                    |                    |  |   |  |
| @Regression @Stack8                    |                    |  |   |  |

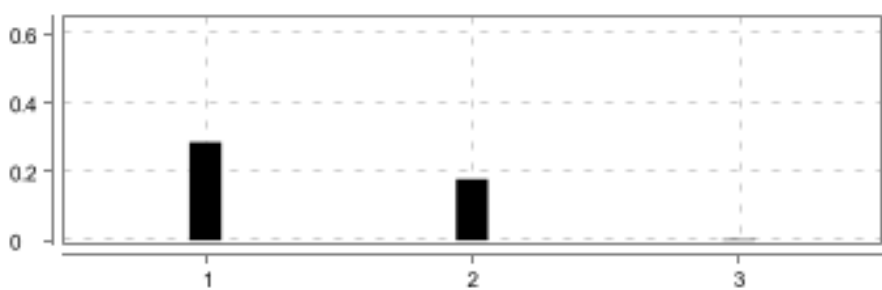

| # | Step / Hook Details                                      | Status | Duration |
|---|--|--------|----------|
| 1 | Given the user is currently on the stack page            | PASSED | 0.025 s  |
| 2 | When the user clicks the Implementation link             | PASSED | 0.250 s  |
| 3 | Then the user should be taken to the Implementation page | PASSED | 0.011 s  |

### Navigate to TryEditor for Implementation Page

|  |                    |  |   |   |
|--|--------------------|--|---|---|
| <b>PASSED</b>                          | DURATION - 0.374 s |  | <b>Steps</b><br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 11:37:16.285 PM // 11:37:16.659 PM / |                    |  |   |   |
| Stack DataStructure                    |                    |  |   |   |
| @Regression @Stack9                    |                    |  |   |   |

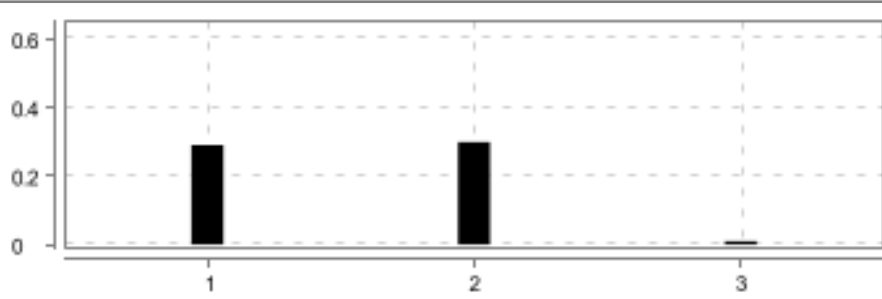

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given the user is on the Implementation page  | PASSED | 0.005 s  |
| 2 | When the user clicks the Try Here button on the Implementation page   | PASSED | 0.343 s  |
| 3 | Then the user should be redirected to a page containing a try editor with a Run button for testing the code | PASSED | 0.025 s  |

### Error on Clicking Run Without Code in Implementation Page

|  |                    |  |   |   |
|--|--------------------|--|---|---|
| <b>PASSED</b>                          | DURATION - 0.470 s |  | <b>Steps</b><br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 11:37:16.668 PM // 11:37:17.138 PM / |                    |  |   |   |
| Stack DataStructure                    |                    |  |   |   |
| @Regression @Stack10                   |                    |  |   |   |

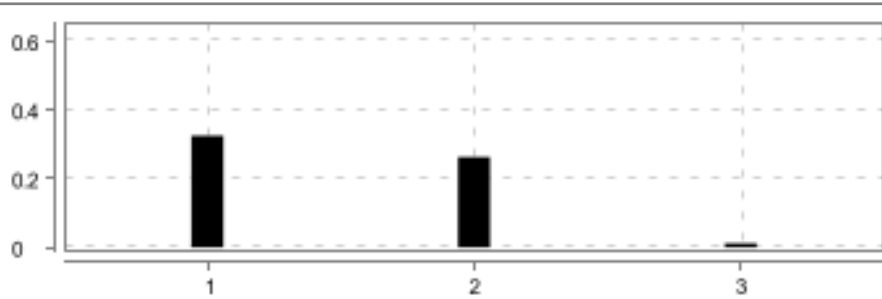

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given the user is on the TryEditor page in the Implementation page          | PASSED | 0.286 s  |
| 2 | When the user clicks the Run button without entering any code in the editor | PASSED | 0.178 s  |
| 3 | Then the user should see an error message in the alert window               | PASSED | 0.003 s  |

### Error for Invalid Python Code in Implementation Page

|   |                               |   |   |  |
|---|-------------------------------|---|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 0.602 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:37:17.145 PM // 11:37:17.747 PM /</div> |                               |   |   |  |
| <div>Stack DataStructure</div>                    |                               |   |   |  |
| <div>@Regression @Stack11</div>                   |                               |   |   |  |

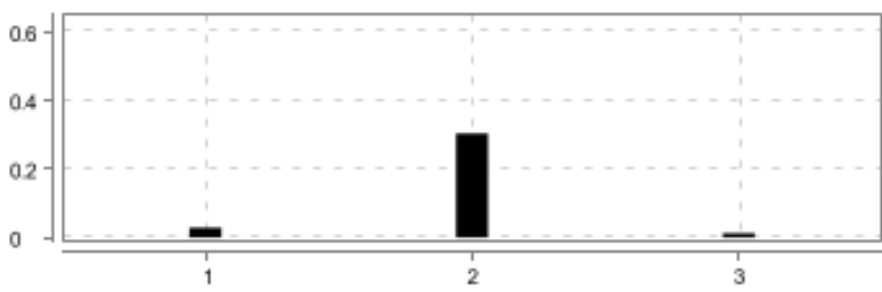

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given the user is on the TryEditor page in the Implementation page  | PASSED | 0.291 s  |
| 2 | When the user enters invalid python code from excel "pythonCode" and 1 and enters in the editor and clicks the Run button for stack TryEditor | PASSED | 0.299 s  |
| 3 | Then the user should receive an error message in the alert window   | PASSED | 0.010 s  |

### Display Output for Valid Python Code in Implementation Page

|   |                               |  |   |  |
|---|-------------------------------|--|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 0.603 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:37:17.754 PM // 11:37:18.357 PM /</div> |                               |  |   |  |
| <div>Stack DataStructure</div>                    |                               |  |   |  |
| <div>@Regression @Stack12</div>                   |                               |  |   |  |

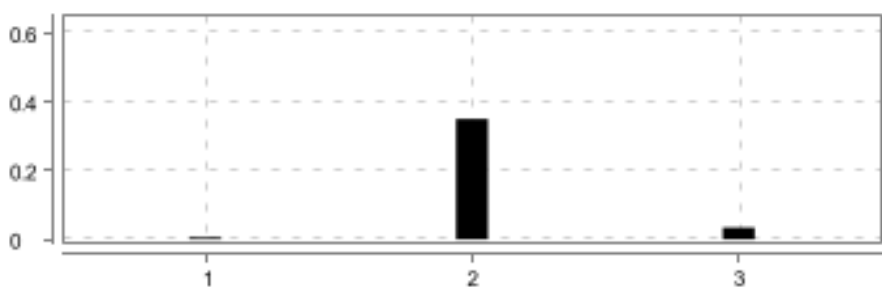

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given the user is on the TryEditor page in the Implementation page  | PASSED | 0.325 s  |
| 2 | When the user enters valid python code from excel "pythonCode" and 0 and enters in the editor and clicks the Run button for stack TryEditor | PASSED | 0.263 s  |
| 3 | Then the user should see the output displayed in the console  | PASSED | 0.011 s  |

### Navigate to Applications Page

|  |                           |  |   |   |
|--|---------------------------|--|---|---|
| <b>PASSED</b>                          | <b>DURATION - 0.347 s</b> |  | <b>Steps</b><br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 11:37:18.366 PM // 11:37:18.713 PM / |                           |  |   |   |
| <i>Stack DataStructure</i>             |                           |  |   |   |
| @Regression @Stack13                   |                           |  |   |   |

| # | Step / Hook Details                                    | Status | Duration |
|---|--|--------|----------|
| 1 | Given the user is currently on the stack page          | PASSED | 0.029 s  |
| 2 | When the user clicks the Applications link             | PASSED | 0.304 s  |
| 3 | Then the user should be taken to the Applications page | PASSED | 0.012 s  |

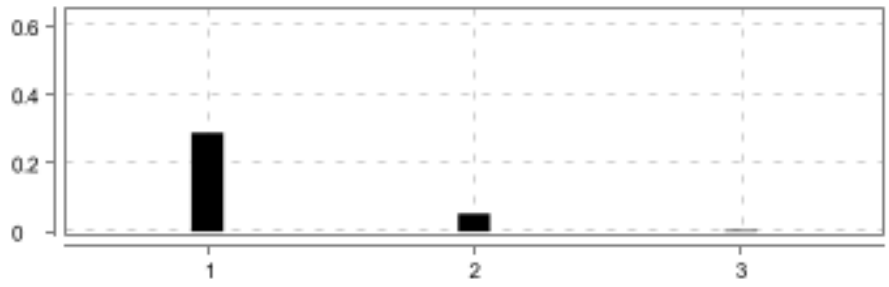

### Navigate to TryEditor for Applications Page

|  |                           |  |   |   |
|--|---------------------------|--|---|---|
| <b>PASSED</b>                          | <b>DURATION - 0.392 s</b> |  | <b>Steps</b><br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 11:37:18.718 PM // 11:37:19.110 PM / |                           |  |   |   |
| <i>Stack DataStructure</i>             |                           |  |   |   |
| @Regression @Stack14                   |                           |  |   |   |

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given the user is on the Applications page  | PASSED | 0.006 s  |
| 2 | When the user clicks the Try Here button on the Applications page   | PASSED | 0.351 s  |
| 3 | Then the user should be redirected to a page containing a try editor with a Run button for testing the code | PASSED | 0.034 s  |

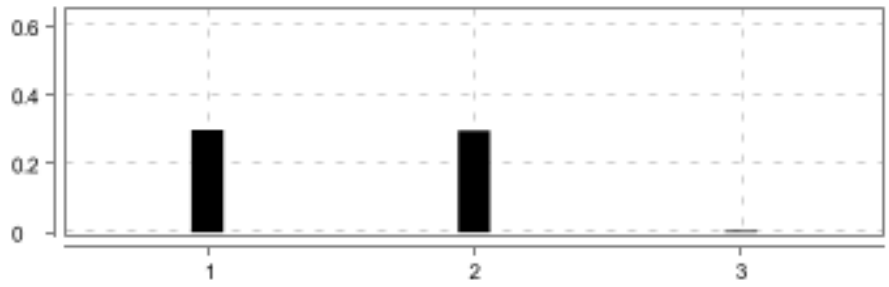

### Error on Clicking Run Without Code in Applications Page



|  |                    |  |   |   |
|--|--------------------|--|---|---|
| <b>PASSED</b>                          | DURATION - 0.346 s |  | <b>Steps</b><br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 11:37:19.117 PM // 11:37:19.463 PM / |                    |  |   |   |
| Stack DataStructure                    |                    |  |   |   |
| @Regression @Stack15                   |                    |  |   |   |

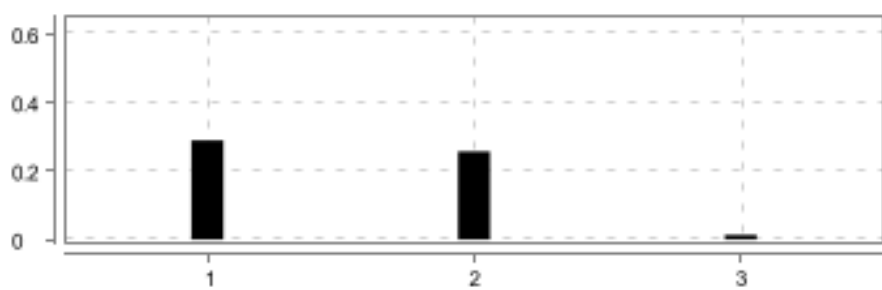

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given the user is on the TryEditor page in the Applications page   | PASSED | 0.289 s  |
| 2 | When the user clicks the Run button without any code in the editor | PASSED | 0.052 s  |
| 3 | Then the user should see an error message in the alert window      | PASSED | 0.004 s  |

### Error for Invalid Python Code in Applications Page

|  |                    |  |   |   |
|--|--------------------|--|---|---|
| <b>PASSED</b>                          | DURATION - 0.603 s |  | <b>Steps</b><br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 11:37:19.469 PM // 11:37:20.072 PM / |                    |  |   |   |
| Stack DataStructure                    |                    |  |   |   |
| @Stack16 @Regression                   |                    |  |   |   |

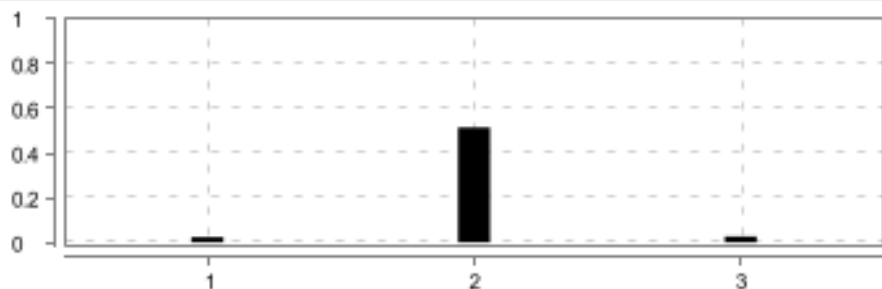

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given the user is on the TryEditor page in the Applications page  | PASSED | 0.298 s  |
| 2 | When the user enters invalid python code from excel "pythonCode" and 1 and enters in the editor and clicks the Run button for stack TryEditor | PASSED | 0.296 s  |
| 3 | Then the user should receive an error message in the alert window   | PASSED | 0.005 s  |

### Display Output for Valid Python Code in Applications Page

|   |                               |   |   |  |
|---|-------------------------------|---|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 0.562 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:37:20.082 PM // 11:37:20.644 PM /</div> |                               |   |   |  |
| <div>Stack DataStructure</div>                    |                               |   |   |  |
| <div>@Stack17 @Regression</div>                   |                               |   |   |  |

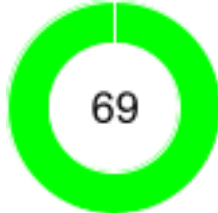

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given the user is on the TryEditor page in the Applications page  | PASSED | 0.290 s  |
| 2 | When the user enters valid python code from excel "pythonCode" and 0 and enters in the editor and clicks the Run button for stack TryEditor | PASSED | 0.257 s  |
| 3 | Then the user should see the output displayed in the console  | PASSED | 0.013 s  |

### Verify that user able to logout from the Stack data structure

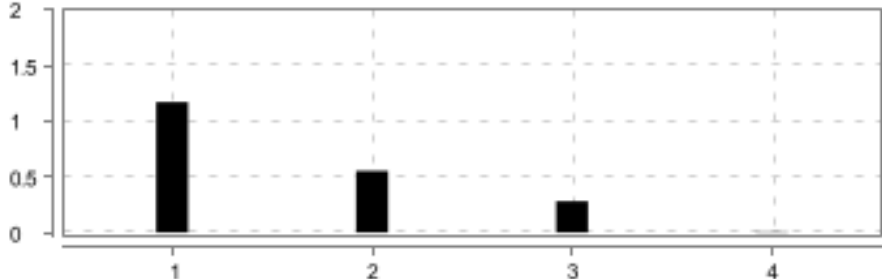

|   |                               |  |   |  |
|---|-------------------------------|--|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 0.567 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:37:20.649 PM // 11:37:21.216 PM /</div> |                               |  |   |  |
| <div>Stack DataStructure</div>                    |                               |  |   |  |
| <div>@Stack18 @Regression</div>                   |                               |  |   |  |

| # | Step / Hook Details                                | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the Stack data structure page | PASSED | 0.024 s  |
| 2 | When The User clicks sign-out button.              | PASSED | 0.514 s  |
| 3 | Then The user should sign-out successfully.        | PASSED | 0.027 s  |

### Tree Datastructure

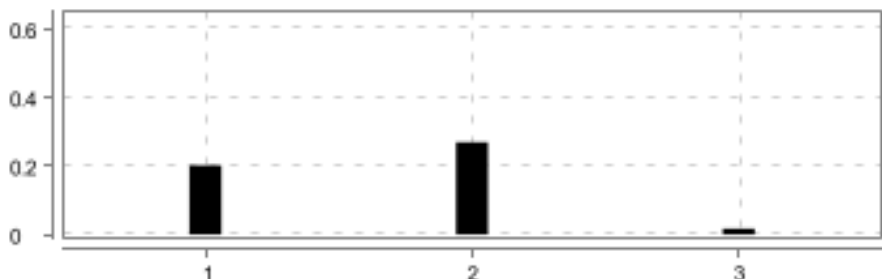

|  |                         |  |   |  |   |
|--|-------------------------|--|---|--|---|
| <b>PASSED</b>                          | DURATION - 1 m 27.273 s | Scenarios<br>Total - 69<br>Pass - 69<br>Fail - 0<br>Skip - 0 |  | Steps<br>Total - 208<br>Pass - 208<br>Fail - 0<br>Skip - 0 |  |
| / 11:37:21.236 PM // 11:38:48.509 PM / |                         |  |   |  |   |
|  |                         |  |   |  |   |

**Verify that user is able to navigate to Tree data structure page**

|  |                    |  |  |   |
|--|--------------------|--|--|---|
| <b>PASSED</b>                          | DURATION - 2.018 s |  | Steps<br>Total - 4<br>Pass - 4<br>Fail - 0<br>Skip - 0 |  |
| / 11:37:21.236 PM // 11:37:23.254 PM / |                    |  |  |   |
| Tree Datastructure                     |                    |  |  |   |
| @Tree1 @Regression                     |                    |  |  |   |

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in the Home page after Sign in              | PASSED | 1.172 s  |
| 2 | When The user clicks the Getting Started button in Tree Panel | PASSED | 0.553 s  |
| 3 | And The user select Tree item from the drop down menu         | PASSED | 0.281 s  |
| 4 | Then The user be directed to Tree Data Structure Page         | PASSED | 0.006 s  |

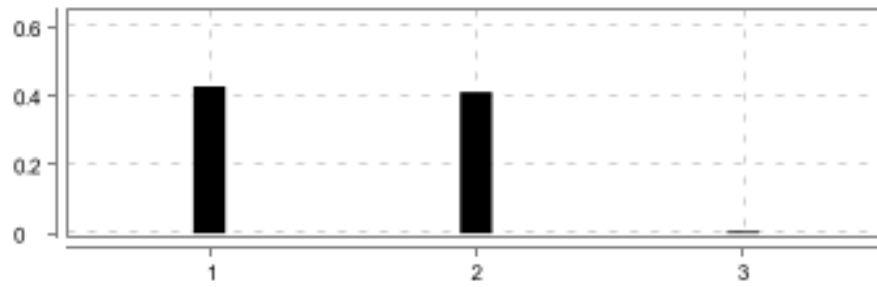

**Verify that user is able to navigate to Tree Data Structures page**

|  |                    |  |  |   |
|--|--------------------|--|--|---|
| <b>PASSED</b>                          | DURATION - 0.490 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 11:37:23.261 PM // 11:37:23.751 PM / |                    |  |  |   |
| Tree Datastructure                     |                    |  |  |   |
| @Tree2 @Regression                     |                    |  |  |   |

| # | Step / Hook Details                                | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Home page after signed in | PASSED | 0.202 s  |

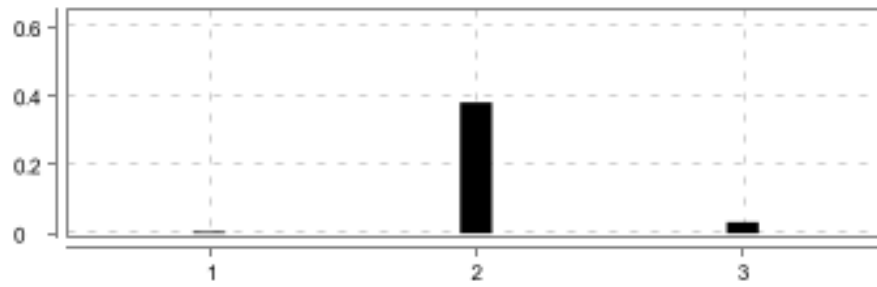

| # | Step / Hook Details                                       | Status | Duration |
|---|---|--------|----------|
| 2 | When The user selects Tree item from the drop-down menu   | PASSED | 0.270 s  |
| 3 | Then The user should land on the Tree Data Structure page | PASSED | 0.017 s  |

### Verify that user is able to navigate to Overview of Trees page

|  |  |                    |  |  |   |   |
|--|--|--------------------|--|--|---|---|
| PASSED                                 |  | DURATION - 0.847 s |  |  | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> |  |
| / 11:37:23.760 PM // 11:37:24.607 PM / |  |                    |  |  |   |   |
| Tree Datastructure                     |  |                    |  |  |   |   |
| @Regression @Tree3                     |  |                    |  |  |   |   |

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Tree Data Structure page after signing in | PASSED | 0.428 s  |
| 2 | When The user clicks Overview of Trees link                        | PASSED | 0.412 s  |
| 3 | Then The user should be redirected to Overview of Trees page       | PASSED | 0.006 s  |

### Verify that user is able to navigate to try Editor page for Overview of Trees page

|  |  |                    |  |   |   |  |
|--|--|--------------------|--|---|---|--|
| PASSED                                 |  | DURATION - 0.420 s |  |  | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> |  |
| / 11:37:24.614 PM // 11:37:25.034 PM / |  |                    |  |   |   |  |
| Tree Datastructure                     |  |                    |  |   |   |  |
| @Regression @Tree4                     |  |                    |  |   |   |  |

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the Overview of Trees page                                   | PASSED | 0.005 s  |
| 2 | When The user clicks Try Here button in the Overview of Trees page                | PASSED | 0.381 s  |
| 3 | Then The user should be redirected to a TryEditor page with a Run button to test. | PASSED | 0.032 s  |

### Verify that user receives error when click on Run button without entering code in Overview of Trees TryEditor page

|  |                           |  |   |  |
|--|---------------------------|--|---|--|
| <b>PASSED</b>                          | <b>DURATION - 1.296 s</b> |  | <b>Steps</b><br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 11:37:25.040 PM // 11:37:26.336 PM / |                           |  |   |  |
| Tree Datastructure                     |                           |  |   |  |
| @Tree5 @Regression                     |                           |  |   |  |

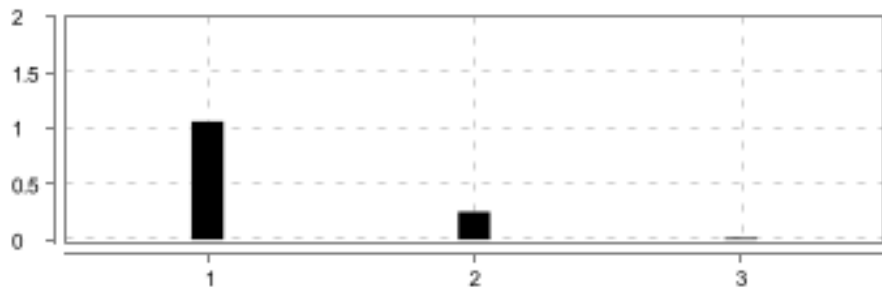

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the TryEditor page.                                    | PASSED | 1.099 s  |
| 2 | When The user clicks the Run button without entering code in the TryEditor. | PASSED | 0.192 s  |
| 3 | Then The user should see an error message in a pop-up alert box             | PASSED | 0.003 s  |

### Verify that user receives error for invalid python code in Overview of Trees TryEditor page

|  |                           |  |   |  |
|--|---------------------------|--|---|--|
| <b>PASSED</b>                          | <b>DURATION - 1.382 s</b> |  | <b>Steps</b><br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 11:37:26.341 PM // 11:37:27.723 PM / |                           |  |   |  |
| Tree Datastructure                     |                           |  |   |  |
| @Tree6 @Regression                     |                           |  |   |  |

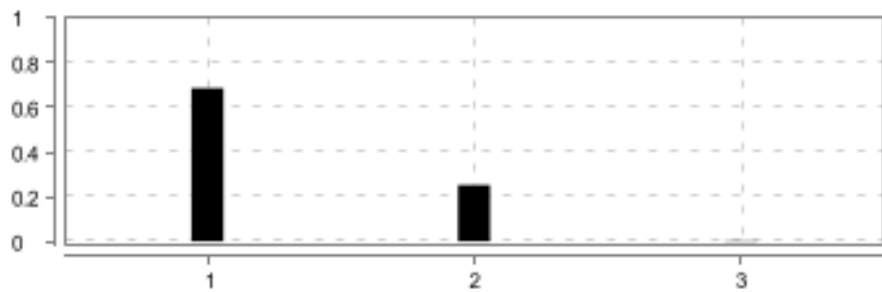

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the TryEditor page  | PASSED | 1.067 s  |
| 2 | When The user reads the invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks on Run button for Tree Tryeditor | PASSED | 0.306 s  |
| 3 | Then The user should see an error message in a pop-up alert box  | PASSED | 0.005 s  |

### Verify that user is able to see output for valid python code in Overview of Trees TryEditor page

|   |                               |   |   |  |
|---|-------------------------------|---|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 1.327 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:37:27.733 PM // 11:37:29.060 PM /</div> |                               |   |   |  |
| <div>Tree Datastructure</div>                     |                               |   |   |  |
| <div>@Regression @Tree7</div>                     |                               |   |   |  |

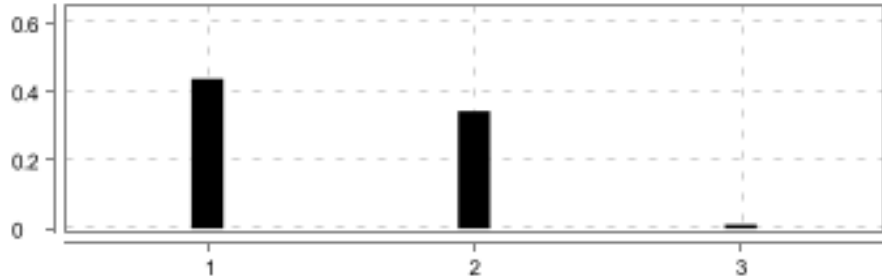

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the TryEditor page  | PASSED | 1.062 s  |
| 2 | When The user reads the valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks on Run button for Tree Tryeditor | PASSED | 0.250 s  |
| 3 | Then The user should see output in the Output console  | PASSED | 0.014 s  |

### Verify that user is able to navigate to Practice Questions in the Trees Data Structure page

|   |                               |  |   |  |
|---|-------------------------------|--|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 0.942 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:37:29.067 PM // 11:37:30.009 PM /</div> |                               |  |   |  |
| <div>Tree Datastructure</div>                     |                               |  |   |  |
| <div>@Regression @Tree8</div>                     |                               |  |   |  |

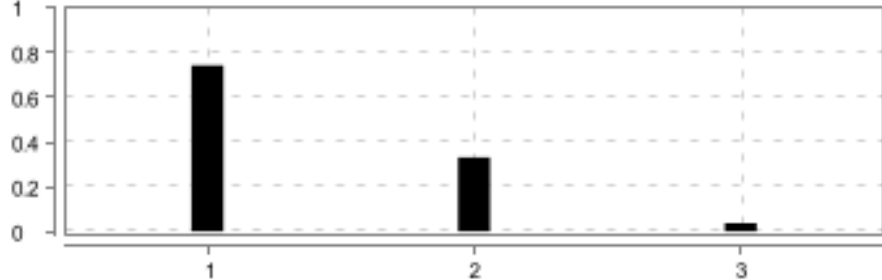

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Tree page after signing in                            | PASSED | 0.686 s  |
| 2 | When The user clicks Practice Questions link of the Tree data structure        | PASSED | 0.252 s  |
| 3 | Then The user should be redirected to Practice page of the Tree data structure | PASSED | 0.003 s  |

### Verify that user is able to navigate to Terminologies page

|   |                               |   |   |  |
|---|-------------------------------|---|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 0.792 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:37:30.014 PM // 11:37:30.806 PM /</div> |                               |   |   |  |
| <div>Tree Datastructure</div>                     |                               |   |   |  |
| <div>@Regression @Tree9</div>                     |                               |   |   |  |

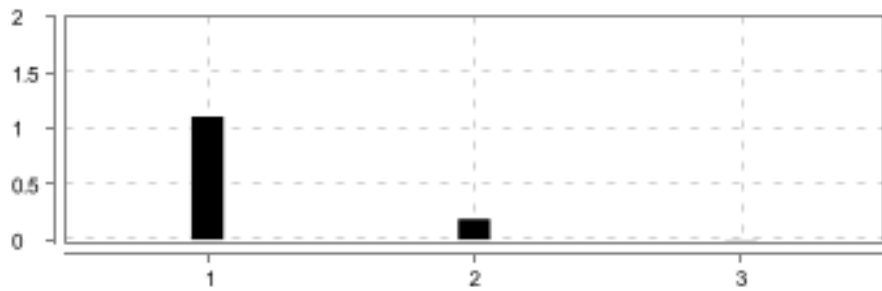

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Tree Data Structure page after signing in | PASSED | 0.437 s  |
| 2 | When The user clicks Terminologies link                            | PASSED | 0.343 s  |
| 3 | Then The user should be redirected to Terminologies page           | PASSED | 0.011 s  |

### Verify that user is able to navigate to try Editor page for Terminologies page

|  |                               |  |   |   |
|--|-------------------------------|--|---|---|
| <div>PASSED</div>                      | <div>DURATION - 1.117 s</div> |  | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> |  |
| / 11:37:30.814 PM // 11:37:31.931 PM / |                               |  |   |   |
| Tree Datastructure                     |                               |  |   |   |
| @Tree10 @Regression                    |                               |  |   |   |

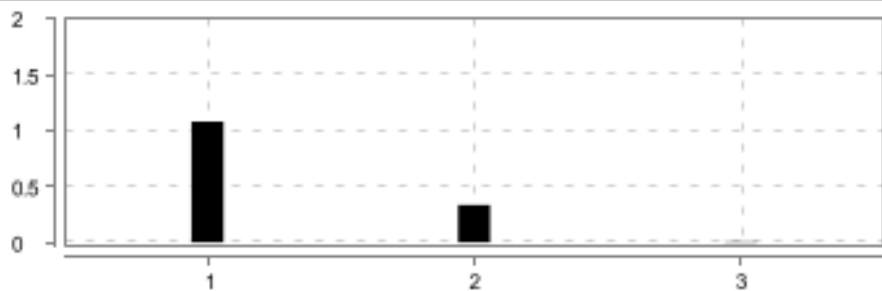

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Terminologies page                                      | PASSED | 0.744 s  |
| 2 | When The user clicks Try Here button in the Terminologies page                   | PASSED | 0.332 s  |
| 3 | Then The user should be redirected to a TryEditor page with a Run button to test | PASSED | 0.037 s  |

### Verify that user receives error when click on Run button without entering code in Terminologies TryEditor page

|   |  |   |   |  |
|---|--|---|---|--|
| <div>PASSED</div> <div>DURATION - 1.299 s</div>   |  | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:37:31.938 PM // 11:37:33.237 PM /</div> |  |   |   |  |
| <div>Tree Datastructure</div>                     |  |   |   |  |
| <div>@Tree11 @Regression</div>                    |  |   |   |  |

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the TryEditor page                                    | PASSED | 1.106 s  |
| 2 | When The user clicks the Run button without entering code in the TryEditor | PASSED | 0.186 s  |
| 3 | Then The user should see an error message in a pop-up alert box            | PASSED | 0.003 s  |

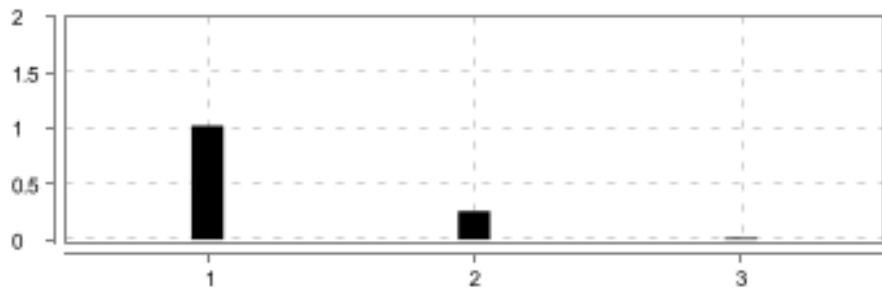

### Verify that user receives error for invalid python code in Terminologies TryEditor page

|   |  |   |   |  |
|---|--|---|---|--|
| <div>PASSED</div> <div>DURATION - 1.424 s</div>   |  | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:37:33.242 PM // 11:37:34.666 PM /</div> |  |   |   |  |
| <div>Tree Datastructure</div>                     |  |   |   |  |
| <div>@Tree12 @Regression</div>                    |  |   |   |  |

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the TryEditor page  | PASSED | 1.082 s  |
| 2 | When The user reads the invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks on Run button for Tree Tryeditor | PASSED | 0.334 s  |
| 3 | Then The user should see an error message in an pop-up alert box   | PASSED | 0.007 s  |

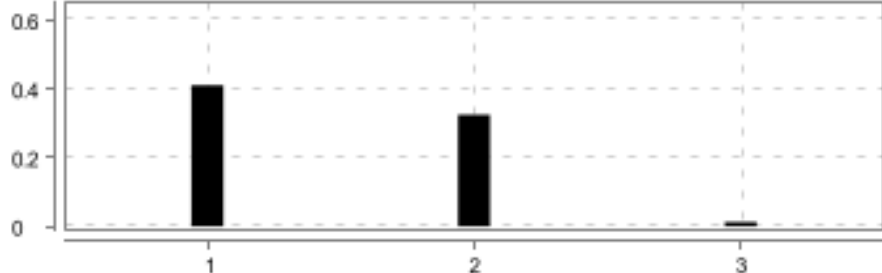

### Verify that user is able to see output for valid python code in Terminologies TryEditor page



|  |                               |  |   |   |
|--|-------------------------------|--|---|---|
| <div>PASSED</div>                      | <div>DURATION - 1.292 s</div> |  | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> |  |
| / 11:37:34.673 PM // 11:37:35.965 PM / |                               |  |   |   |
| Tree Datastructure                     |                               |  |   |   |
| @Tree13 @Regression                    |                               |  |   |   |

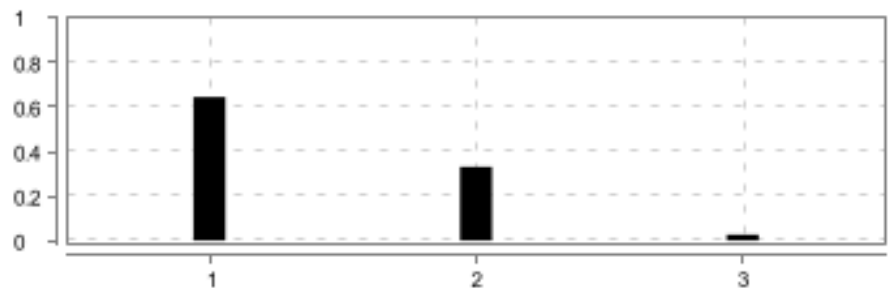

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the TryEditor page  | PASSED | 1.022 s  |
| 2 | When The user reads the valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks on Run button for Tree Tryeditor | PASSED | 0.254 s  |
| 3 | Then The user should see output in the Output console  | PASSED | 0.014 s  |

### Verify that user is able to navigate to Types of Trees page

|   |                               |  |  |  |
|---|-------------------------------|--|--|--|
| <div>PASSED</div>                                 | <div>DURATION - 0.750 s</div> | <div></div> | <div><div>Steps</div><div>Total - 3</div><div>Pass - 3</div><div>Fail - 0</div><div>Skip - 0</div></div> | <div></div> |
| <div>/ 11:37:35.970 PM // 11:37:36.720 PM /</div> |                               |  |  |  |
| <div>Tree Datastructure</div>                     |                               |  |  |  |
| <div>@Tree14 @Regression</div>                    |                               |  |  |  |

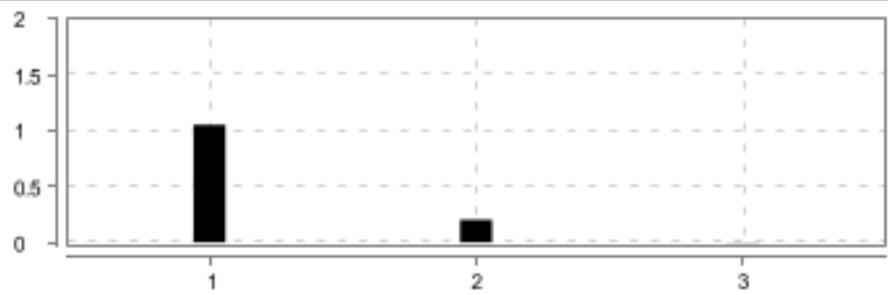

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Tree Data Structure page after signing in | PASSED | 0.411 s  |
| 2 | When The user clicks Types of Trees link                           | PASSED | 0.325 s  |
| 3 | Then The user should be redirected to Types of Trees page          | PASSED | 0.012 s  |

### Verify that user is able to navigate to try Editor page for Types of Trees page

|   |  |   |   |  |
|---|--|---|---|--|
| <div>PASSED</div> <div>DURATION - 1.004 s</div>   |  | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:37:36.728 PM // 11:37:37.732 PM /</div> |  |   |   |  |
| <div>Tree Datastructure</div>                     |  |   |   |  |
| <div>@Tree15 @Regression</div>                    |  |   |   |  |

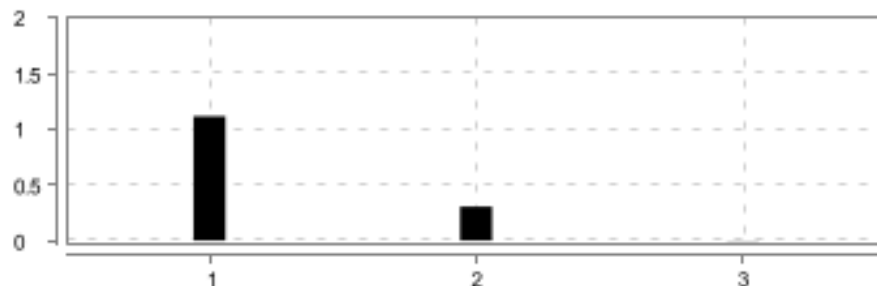

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Types of Trees page                                     | PASSED | 0.645 s  |
| 2 | When The user clicks Try Here button in the Types of Trees page                  | PASSED | 0.331 s  |
| 3 | Then The user should be redirected to a TryEditor page with a Run button to test | PASSED | 0.026 s  |

### Verify that user receives error when click on Run button without entering code in Types of Trees TryEditor page

|   |   |   |  |
|---|---|---|--|
| <div>PASSED</div> <div>DURATION - 1.260 s</div>   | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:37:37.737 PM // 11:37:38.997 PM /</div> |   |   |  |
| <div>Tree Datastructure</div>                     |   |   |  |
| <div>@Tree16 @Regression</div>                    |   |   |  |

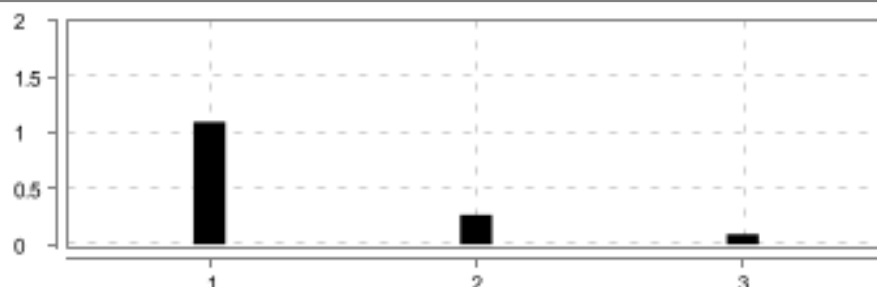

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the TryEditor page                                    | PASSED | 1.054 s  |
| 2 | When The user clicks the Run button without entering code in the TryEditor | PASSED | 0.201 s  |
| 3 | Then The user should see an error message in a pop-up alert box            | PASSED | 0.004 s  |

### Verify that user receives error for invalid python code in Types of Tree TryEditor page

|  |                               |  |   |   |
|--|-------------------------------|--|---|---|
| <div>PASSED</div>                      | <div>DURATION - 1.430 s</div> |  | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> |  |
| / 11:37:39.003 PM // 11:37:40.433 PM / |                               |  |   |   |
| Tree Datastructure                     |                               |  |   |   |
| @Tree17 @Regression                    |                               |  |   |   |

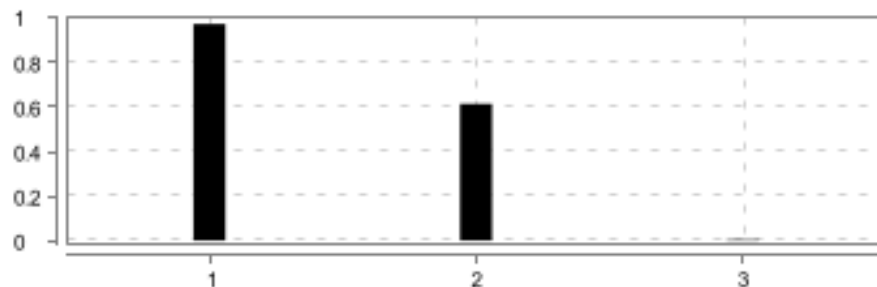

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the TryEditor page  | PASSED | 1.117 s  |
| 2 | When The user reads the invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks on Run button for Tree Tryeditor | PASSED | 0.305 s  |
| 3 | Then The user should see an error message in a pop-up alert box  | PASSED | 0.004 s  |

### Verify that user is able to see output for valid python code in Types of Trees TryEditor page

|   |                               |  |   |  |
|---|-------------------------------|--|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 1.454 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:37:40.440 PM // 11:37:41.894 PM /</div> |                               |  |   |  |
| <div>Tree Datastructure</div>                     |                               |  |   |  |
| <div>@Regression @Tree18</div>                    |                               |  |   |  |

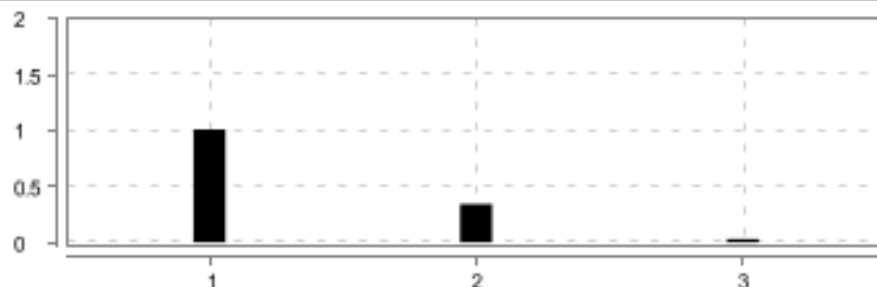

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the TryEditor page  | PASSED | 1.097 s  |
| 2 | When The user reads the valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks on Run button for Tree Tryeditor | PASSED | 0.265 s  |
| 3 | Then The user should see output in the Output console  | PASSED | 0.091 s  |

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

|   |                               |   |   |  |
|---|-------------------------------|---|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 1.594 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:37:41.902 PM // 11:37:43.496 PM /</div> |                               |   |   |  |
| <div>Tree Datastructure</div>                     |                               |   |   |  |
| <div>@Regression @Tree19</div>                    |                               |   |   |  |

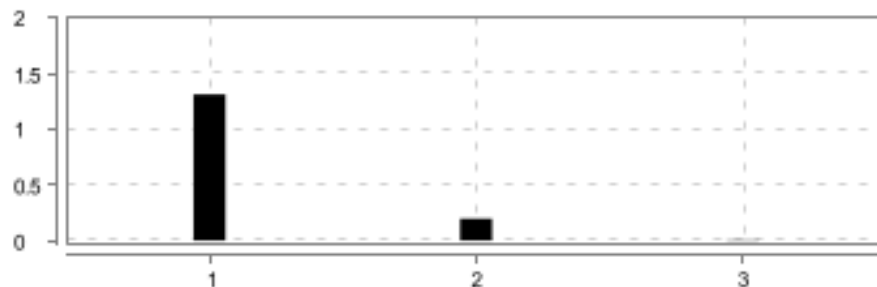

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Tree Data Structure page after signing in | PASSED | 0.973 s  |
| 2 | When The user clicks Tree Traversal link                           | PASSED | 0.614 s  |
| 3 | Then The user should be redirected to Tree Traversal page          | PASSED | 0.005 s  |

### Verify that user is able to navigate to try Editor page for Tree Traversal page

|   |   |   |  |
|---|---|---|--|
| <div>PASSED</div> <div>DURATION - 1.388 s</div>   | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:37:43.501 PM // 11:37:44.889 PM /</div> |   |   |  |
| <div>Tree Datastructure</div>                     |   |   |  |
| <div>@Regression @Tree20</div>                    |   |   |  |

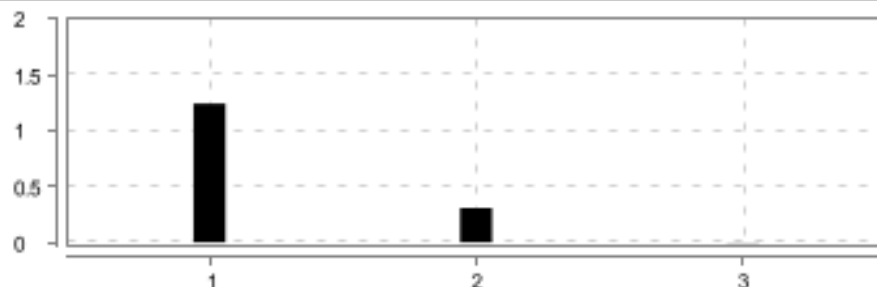

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Tree Traversal page                                     | PASSED | 1.013 s  |
| 2 | When The user clicks Try Here button in the Tree Traversal page                  | PASSED | 0.344 s  |
| 3 | Then The user should be redirected to a TryEditor page with a Run button to test | PASSED | 0.028 s  |

### Verify that user receives error when click on Run button without entering code in Tree Travesal TryEditor page for Tree Tryeditor

|  |  |                    |  |  |   |   |
|--|--|--------------------|--|--|---|---|
| PASSED                                 |  | DURATION - 1.517 s |  |  | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> |  |
| / 11:37:44.894 PM // 11:37:46.411 PM / |  |                    |  |  |   |   |
| Tree Datastructure                     |  |                    |  |  |   |   |
| @Tree21 @Regression                    |  |                    |  |  |   |   |

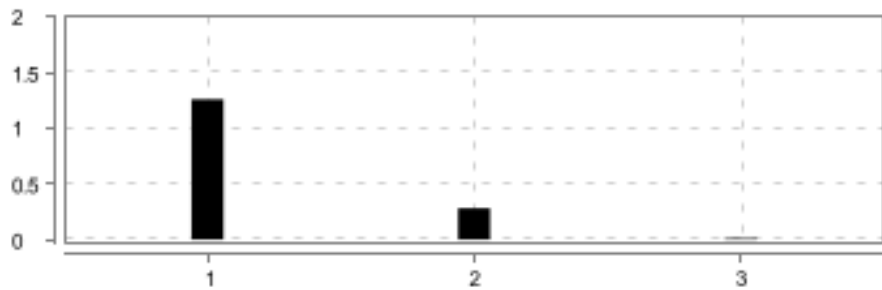

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the Try Editor page                                | PASSED | 1.315 s  |
| 2 | When The user clicks the Run button without entering code in the Editor | PASSED | 0.196 s  |
| 3 | Then The user should see an error message in a pop-up alert box         | PASSED | 0.005 s  |

### Verify that user receives error for invalid python code in Tree Traversal TryEditor page

|   |   |   |  |
|---|---|---|--|
| <div>PASSED</div> <div>DURATION - 1.558 s</div>   | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:37:46.416 PM // 11:37:47.974 PM /</div> |   |   |  |
| <div>Tree Datastructure</div>                     |   |   |  |
| <div>@Tree22 @Regression</div>                    |   |   |  |

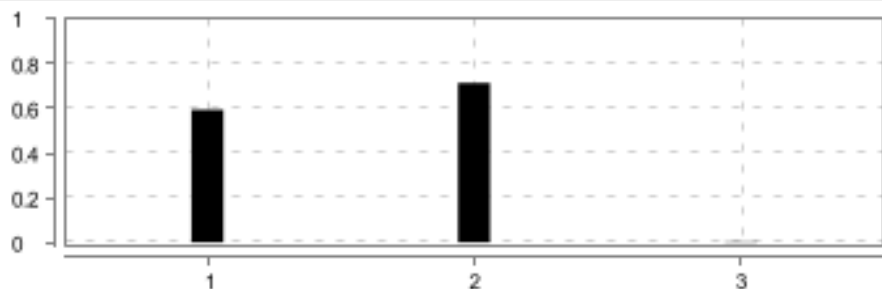

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the TryEditor page  | PASSED | 1.243 s  |
| 2 | When The user reads the invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks on Run button for Tree Tryeditor | PASSED | 0.309 s  |
| 3 | Then The user should see an error message in a pop-up alert box  | PASSED | 0.003 s  |

### Verify that user is able to see output for valid python code in Tree Traversal TryEditor page

|   |  |   |   |  |
|---|--|---|---|--|
| <div>PASSED</div> <div>DURATION - 1.555 s</div> |  | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| / 11:37:47.979 PM // 11:37:49.534 PM /          |  |   |   |  |
| Tree Datastructure                              |  |   |   |  |
| @Tree23 @Regression                             |  |   |   |  |

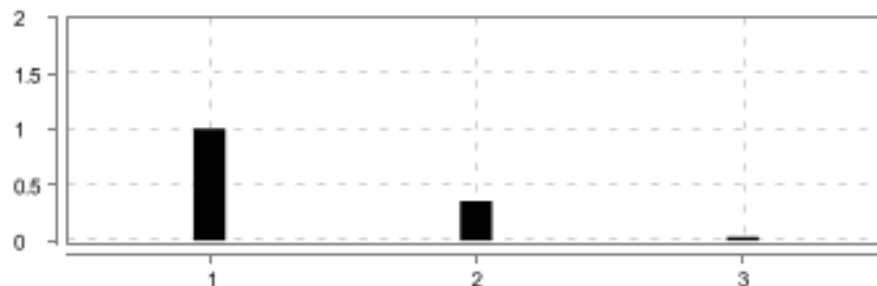

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the TryEditor page  | PASSED | 1.261 s  |
| 2 | When The user reads the valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks on Run button for Tree Tryeditor | PASSED | 0.282 s  |
| 3 | Then The user should see output in the Output console  | PASSED | 0.012 s  |

### Verify that user is able to navigate to Traversals-Illustration page

|  |                               |   |   |   |
|--|-------------------------------|---|---|---|
| <div>PASSED</div>                      | <div>DURATION - 1.312 s</div> |  | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> |  |
| / 11:37:49.543 PM // 11:37:50.855 PM / |                               |   |   |   |
| Tree Datastructure                     |                               |   |   |   |
| @Tree24 @Regression                    |                               |   |   |   |

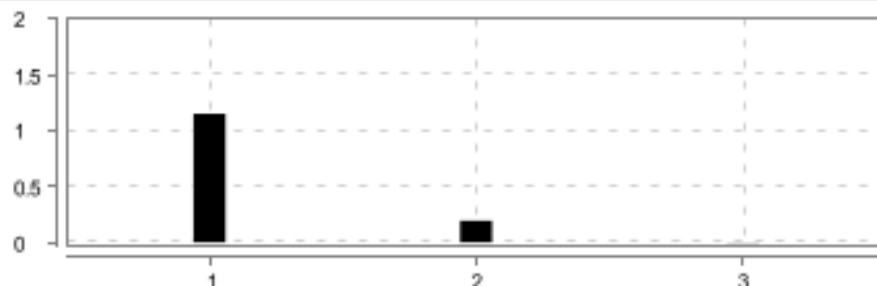

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Tree Data Structure page after signing in | PASSED | 0.594 s  |
| 2 | When The user clicks Traversals-Illustration link                  | PASSED | 0.714 s  |
| 3 | Then The user should be redirected to Traversals-Illustration page | PASSED | 0.003 s  |

### Verify that user is able to navigate to TryEditor page for Traversals-Illustration page

|  |  |                    |  |  |   |   |
|--|--|--------------------|--|--|---|---|
| PASSED                                 |  | DURATION - 1.395 s |  |  | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> |  |
| / 11:37:50.862 PM // 11:37:52.257 PM / |  |                    |  |  |   |   |
| Tree Datastructure                     |  |                    |  |  |   |   |
| @Tree25 @Regression                    |  |                    |  |  |   |   |

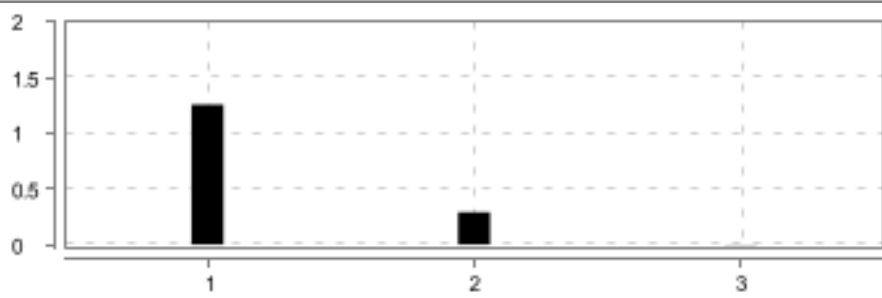

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Traversals-Illustration page                            | PASSED | 1.007 s  |
| 2 | When The user clicks Try Here button in the Traversals-Illustration page         | PASSED | 0.354 s  |
| 3 | Then The user should be redirected to a TryEditor page with a Run button to test | PASSED | 0.031 s  |

**Verify that user receives error when click on Run button without entering code in Traversals-Illustration TryEditor page**

|   |                               |  |   |  |
|---|-------------------------------|--|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 1.351 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:37:52.263 PM // 11:37:53.614 PM /</div> |                               |  |   |  |
| <div>Tree Datastructure</div>                     |                               |  |   |  |
| <div>@Tree26 @Regression</div>                    |                               |  |   |  |

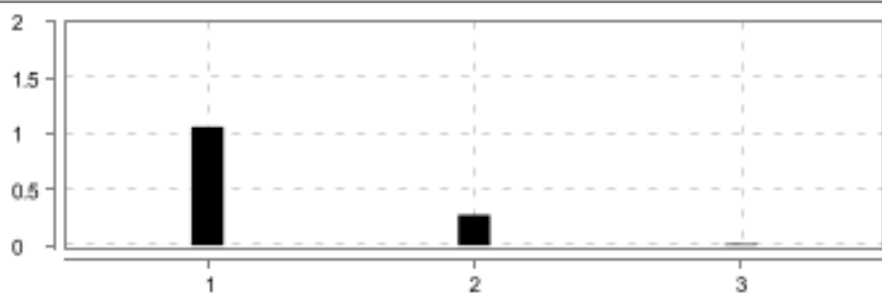

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the TryEditor page                                    | PASSED | 1.153 s  |
| 2 | When The user clicks the Run button without entering code in the TryEditor | PASSED | 0.193 s  |
| 3 | Then The user should see an error message in a pop-up alert box            | PASSED | 0.003 s  |

**Verify that user receives error for invalid python code in Traversals-Illustration TryEditor page**

|   |   |   |  |
|---|---|---|--|
| <div>PASSED</div> <div>DURATION - 1.553 s</div>   | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:37:53.620 PM // 11:37:55.173 PM /</div> |   |   |  |
| <div>Tree Datastructure</div>                     |   |   |  |
| <div>@Tree27 @Regression</div>                    |   |   |  |

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the TryEditor page  | PASSED | 1.257 s  |
| 2 | When The user reads the invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks on Run button for Tree Tryeditor | PASSED | 0.290 s  |
| 3 | Then The user should see an error message in a pop-up alert box  | PASSED | 0.004 s  |

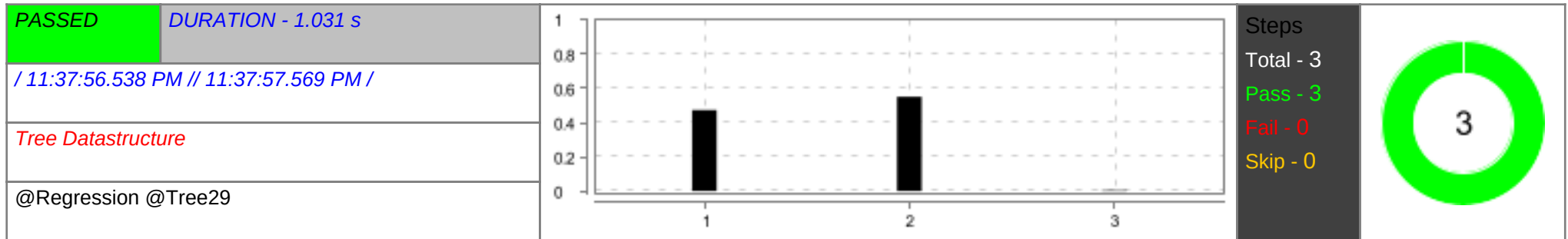
### Verify that user is able to see output for valid python code in Traversals-Illustration TryEditor page

|   |  |  |   |  |
|---|--|--|---|--|
| <div>PASSED</div> <div>DURATION - 1.350 s</div> |  | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| / 11:37:55.183 PM // 11:37:56.533 PM /          |  |  |   |  |
| Tree Datastructure                              |  |  |   |  |
| @Tree28 @Regression                             |  |  |   |  |

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the TryEditor page  | PASSED | 1.063 s  |
| 2 | When The user reads the valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks on Run button for Tree Tryeditor | PASSED | 0.274 s  |
| 3 | Then The user should see output in the Output console  | PASSED | 0.012 s  |

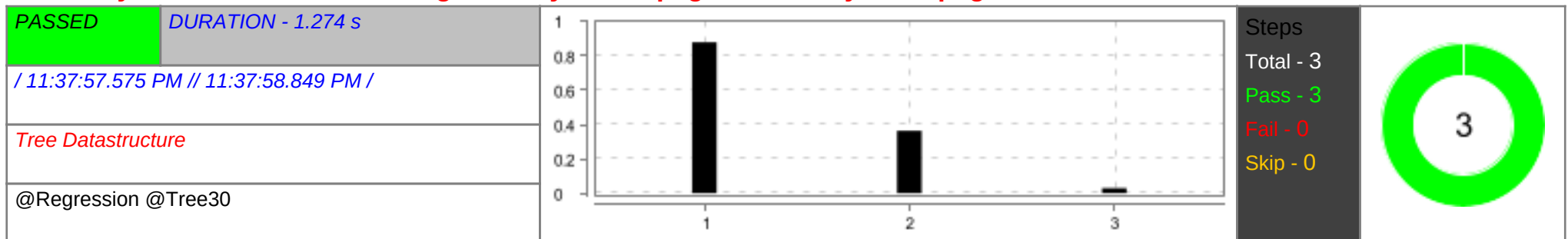
### Verify that user is able to navigate to Binary trees page





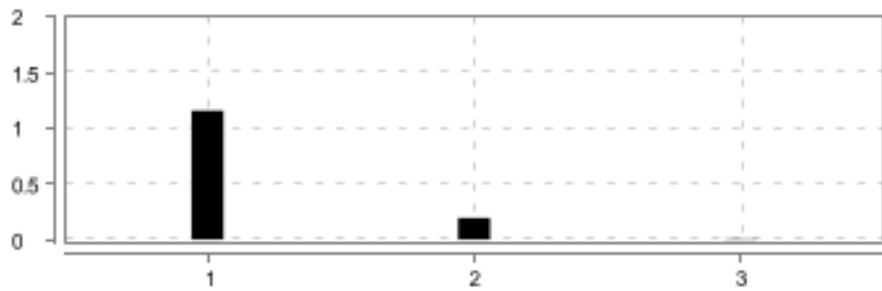

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Tree Data Structure page after signing in | PASSED | 0.474 s  |
| 2 | When The user clicks Binary trees link                             | PASSED | 0.552 s  |
| 3 | Then The user should be redirected to Binary trees page            | PASSED | 0.005 s  |

### Verify that user is able to navigate to try Editor page for Binary trees page



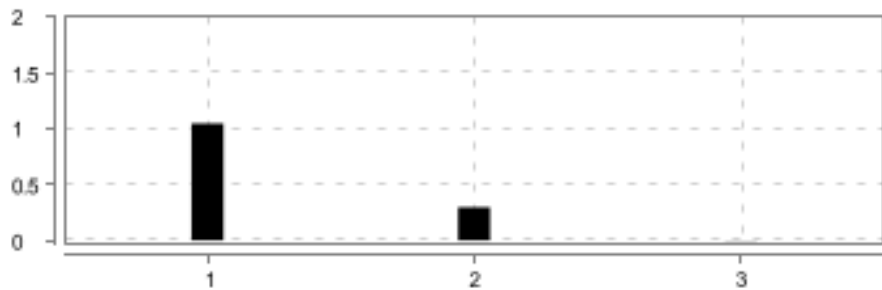

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Binary trees page                                       | PASSED | 0.880 s  |
| 2 | When The user clicks Try Here button in the Binary trees page                    | PASSED | 0.363 s  |
| 3 | Then The user should be redirected to a TryEditor page with a Run button to test | PASSED | 0.029 s  |

### Verify that user receives error when click on Run button without entering code in Binary trees TryEditor page

|   |   |   |  |
|---|---|---|--|
| <div>PASSED</div> <div>DURATION - 1.355 s</div>   | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:37:58.854 PM // 11:38:00.209 PM /</div> |   |   |  |
| <div>Tree Datastructure</div>                     |   |   |  |
| <div>@Regression @Tree31</div>                    |   |   |  |

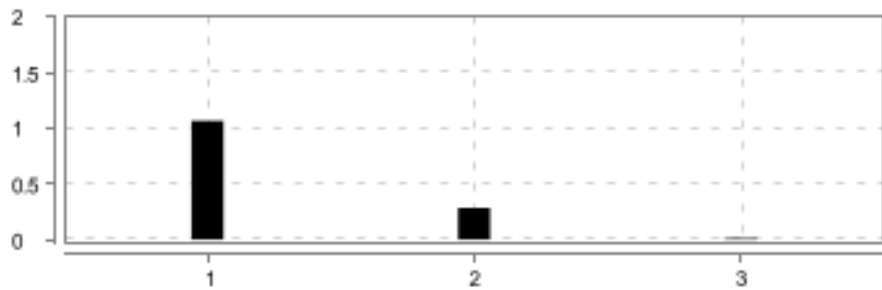

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the TryEditor page                                    | PASSED | 1.157 s  |
| 2 | When The user clicks the Run button without entering code in the TryEditor | PASSED | 0.193 s  |
| 3 | Then The user should see an error message in a pop-up alert box            | PASSED | 0.005 s  |

### Verify that user receives error for invalid python code in Binary trees TryEditor page

|   |  |   |   |  |
|---|--|---|---|--|
| <div>PASSED</div> <div>DURATION - 1.350 s</div>   |  | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:38:00.215 PM // 11:38:01.565 PM /</div> |  |   |   |  |
| <div>Tree Datastructure</div>                     |  |   |   |  |
| <div>@Tree32 @Regression</div>                    |  |   |   |  |

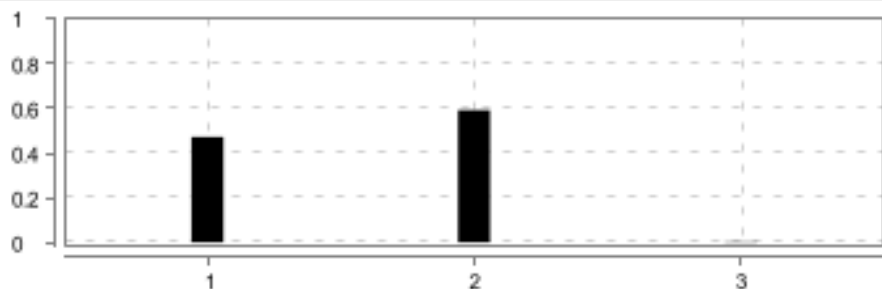

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the TryEditor page  | PASSED | 1.047 s  |
| 2 | When The user reads the invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks on Run button for Tree Tryeditor | PASSED | 0.295 s  |
| 3 | Then The user should see an error message in a pop-up alert box  | PASSED | 0.003 s  |

### Verify that user is able to see output for valid python code in Binary trees TryEditor page

|   |  |   |   |  |
|---|--|---|---|--|
| <div>PASSED</div> <div>DURATION - 1.368 s</div>   |  | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:38:01.572 PM // 11:38:02.940 PM /</div> |  |   |   |  |
| <div>Tree Datastructure</div>                     |  |   |   |  |
| <div>@Tree33 @Regression</div>                    |  |   |   |  |

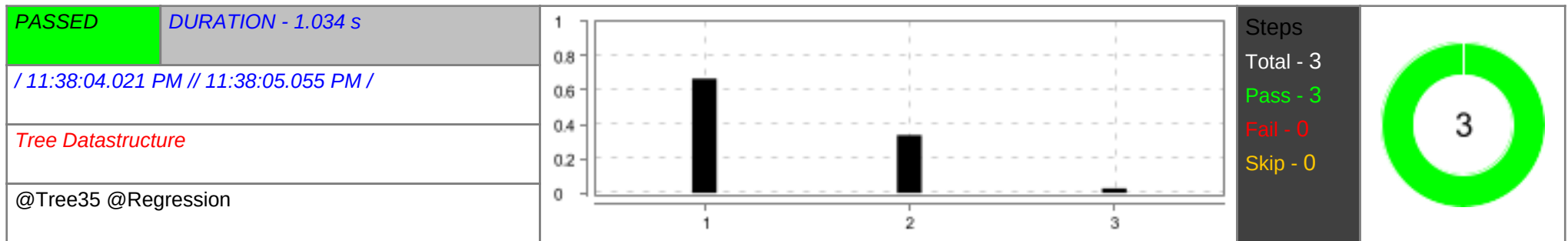
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the TryEditor page  | PASSED | 1.067 s  |
| 2 | When The user reads the valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks on Run button for Tree Tryeditor | PASSED | 0.286 s  |
| 3 | Then The user should see output in the Output console  | PASSED | 0.013 s  |

### Verify that user is able to navigate to Types of Binary trees page

|   |  |   |  |
|---|--|---|--|
| <div>PASSED</div> <div>DURATION - 1.071 s</div>   | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:38:02.944 PM // 11:38:04.015 PM /</div> |  |   |  |
| <div>Tree Datastructure</div>                     |  |   |  |
| <div>@Tree34 @Regression</div>                    |  |   |  |

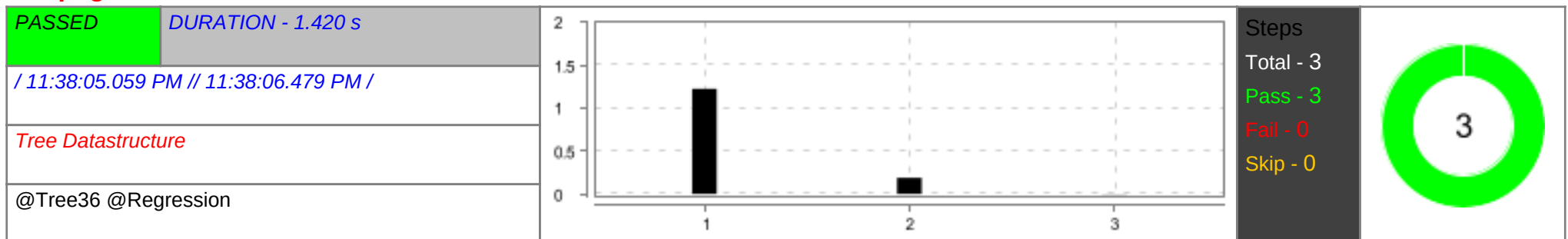
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Tree Data Structure page after signing in | PASSED | 0.472 s  |
| 2 | When The user clicks Types of Binary trees link                    | PASSED | 0.592 s  |
| 3 | Then The user should be redirected to Types of Binary trees page   | PASSED | 0.003 s  |

### Verify that user is able to navigate to try Editor page for Types of Binary Trees page



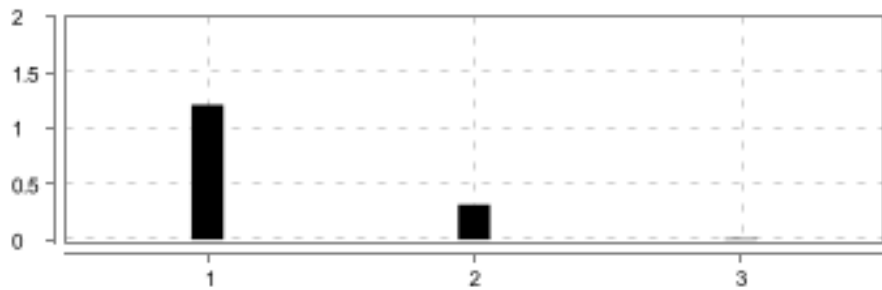

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Types of Binary Trees page                              | PASSED | 0.667 s  |
| 2 | When The user clicks Try Here button in the Types of Binary Trees page           | PASSED | 0.337 s  |
| 3 | Then The user should be redirected to a TryEditor page with a Run button to test | PASSED | 0.027 s  |

**Verify that user receives error when click on Run button without entering code in Types of Binary Trees TryEditor page**



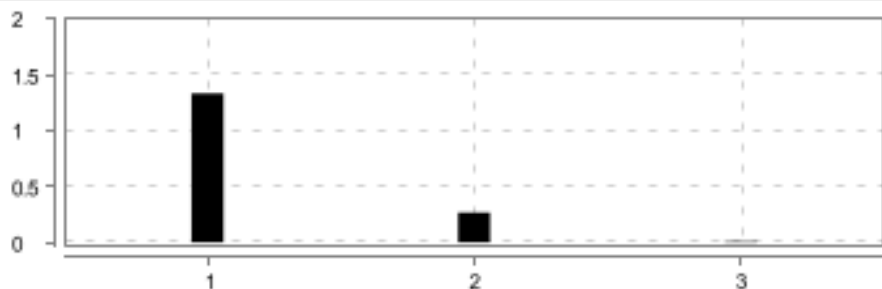

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the Try Editor page                                | PASSED | 1.226 s  |
| 2 | When The user clicks the Run button without entering code in the Editor | PASSED | 0.188 s  |
| 3 | Then The user should see an error message in a pop-up alert box         | PASSED | 0.003 s  |

**Verify that user receives error for invalid python code in Types of Binary Trees TryEditor page**

|   |                               |   |   |  |
|---|-------------------------------|---|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 1.538 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:38:06.486 PM // 11:38:08.024 PM /</div> |                               |   |   |  |
| <div>Tree Datastructure</div>                     |                               |   |   |  |
| <div>@Tree37 @Regression</div>                    |                               |   |   |  |

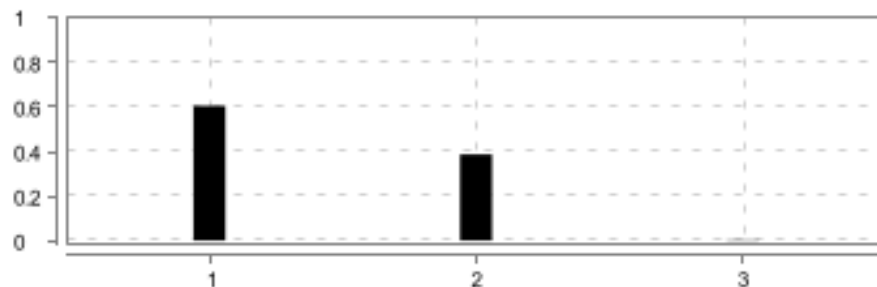

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the TryEditor page  | PASSED | 1.211 s  |
| 2 | When The user reads the invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks on Run button for Tree Tryeditor | PASSED | 0.315 s  |
| 3 | Then The user should see an error message in a pop-up alert box  | PASSED | 0.008 s  |

### Verify that user is able to see output for valid python code in Types of Binary Trees TryEditor page

|   |  |   |  |
|---|--|---|--|
| <div>PASSED</div> <div>DURATION - 1.616 s</div>   | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:38:08.028 PM // 11:38:09.644 PM /</div> |  |   |  |
| <div>Tree Datastructure</div>                     |  |   |  |
| <div>@Tree38 @Regression</div>                    |  |   |  |

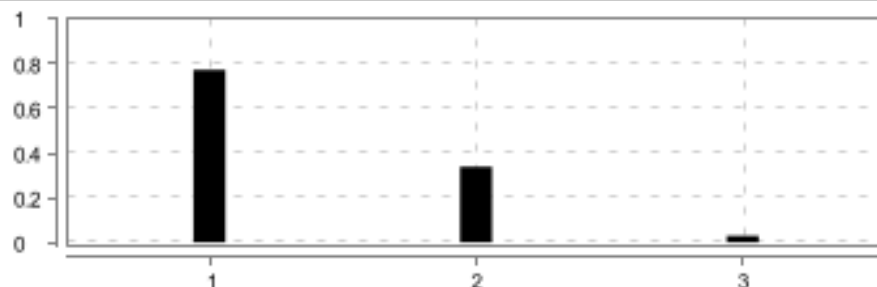

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the TryEditor page  | PASSED | 1.335 s  |
| 2 | When The user reads the valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks on Run button for Tree Tryeditor | PASSED | 0.268 s  |
| 3 | Then The user should see output in the Output console  | PASSED | 0.010 s  |

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

|   |                               |   |   |  |
|---|-------------------------------|---|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 0.997 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:38:09.650 PM // 11:38:10.647 PM /</div> |                               |   |   |  |
| <div>Tree Datastructure</div>                     |                               |   |   |  |
| <div>@Tree39 @Regression</div>                    |                               |   |   |  |

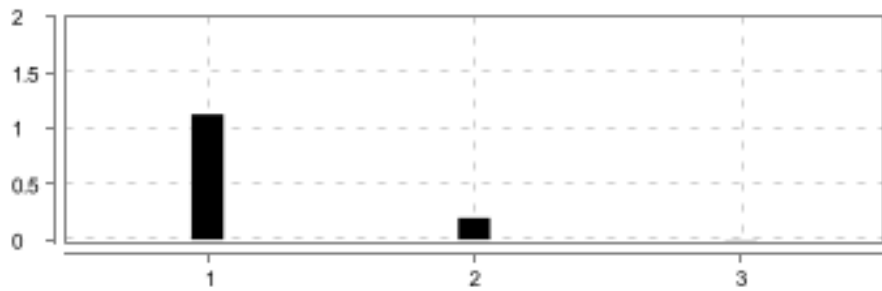

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the Tree Data Structure page after signing in  | PASSED | 0.605 s  |
| 2 | When The user clicks Implementation in Python link                  | PASSED | 0.387 s  |
| 3 | Then The user should be redirected to Implementation in Python page | PASSED | 0.003 s  |

### Verify that user is able to navigate to try Editor page for Implementation in Python page

|   |                               |   |   |  |
|---|-------------------------------|---|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 1.143 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:38:10.654 PM // 11:38:11.797 PM /</div> |                               |   |   |  |
| <div>Tree Datastructure</div>                     |                               |   |   |  |
| <div>@Regression @Tree40</div>                    |                               |   |   |  |

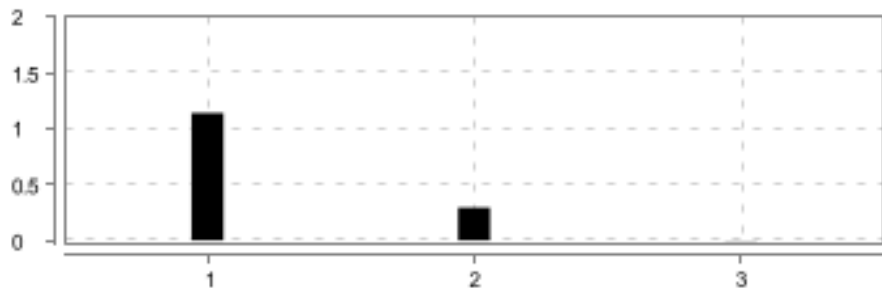

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Implementation in Python page                           | PASSED | 0.773 s  |
| 2 | When The user clicks Try Here button in the Implementation in Python page        | PASSED | 0.338 s  |
| 3 | Then The user should be redirected to a TryEditor page with a Run button to test | PASSED | 0.030 s  |

### Verify that user receives error when click on Run button without entering code in Implementation in Python TryEditor page

|   |   |   |  |
|---|---|---|--|
| <div>PASSED</div> <div>DURATION - 1.325 s</div>   | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:38:11.802 PM // 11:38:13.127 PM /</div> |   |   |  |
| <div>Tree Datastructure</div>                     |   |   |  |
| <div>@Regression @Tree41</div>                    |   |   |  |

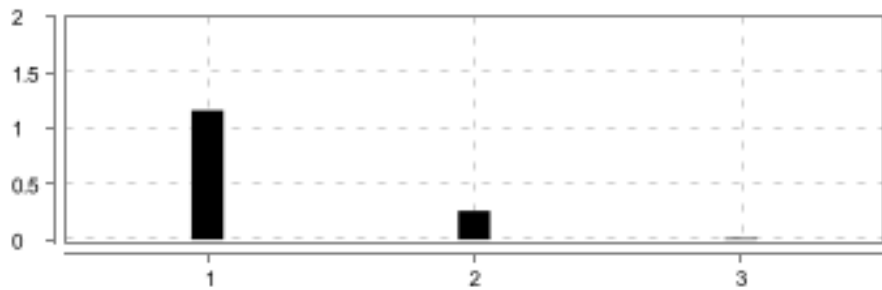

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the TryEditor page                                    | PASSED | 1.127 s  |
| 2 | When The user clicks the Run button without entering code in the TryEditor | PASSED | 0.194 s  |
| 3 | Then The user should see an error message in a pop-up alert box            | PASSED | 0.002 s  |

### Verify that user receives error for invalid python code in Implementation in Python TryEditor page

|   |   |   |  |
|---|---|---|--|
| <div>PASSED</div> <div>DURATION - 1.439 s</div>   | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:38:13.133 PM // 11:38:14.572 PM /</div> |   |   |  |
| <div>Tree Datastructure</div>                     |   |   |  |
| <div>@Regression @Tree42</div>                    |   |   |  |

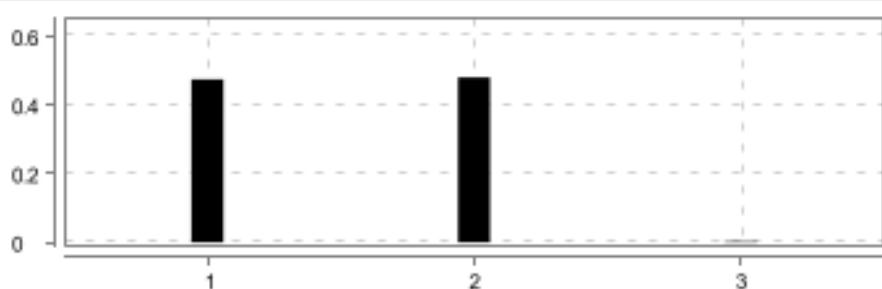

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the TryEditor page  | PASSED | 1.142 s  |
| 2 | When The user reads the invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks on Run button for Tree Tryeditor | PASSED | 0.292 s  |
| 3 | Then The user should see an error message in a pop-up alert box  | PASSED | 0.003 s  |

### Verify that user is able to see output for valid python code in Implementation in Python TryEditor page

|   |                               |   |   |  |
|---|-------------------------------|---|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 1.430 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:38:14.578 PM // 11:38:16.008 PM /</div> |                               |   |   |  |
| <div>Tree Datastructure</div>                     |                               |   |   |  |
| <div>@Tree43 @Regression</div>                    |                               |   |   |  |

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the TryEditor page  | PASSED | 1.160 s  |
| 2 | When The user reads the valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks on Run button for Tree Tryeditor | PASSED | 0.257 s  |
| 3 | Then The user should see output in the Output console  | PASSED | 0.011 s  |

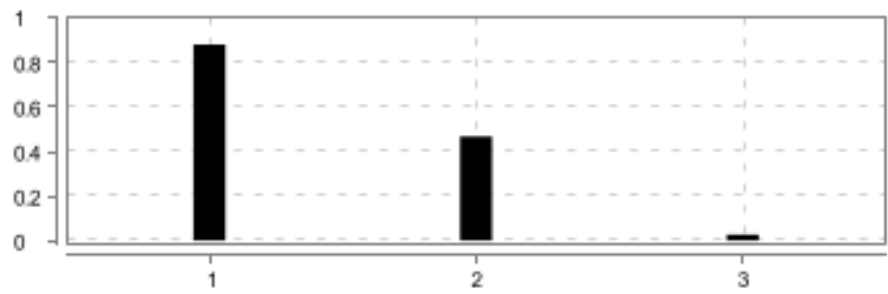

### Verify that user is able to navigate to Binary Tree Traversals page

|   |                               |  |   |  |
|---|-------------------------------|--|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 0.963 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:38:16.013 PM // 11:38:16.976 PM /</div> |                               |  |   |  |
| <div>Tree Datastructure</div>                     |                               |  |   |  |
| <div>@Tree44 @Regression</div>                    |                               |  |   |  |

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Tree Data Structure page after signing in | PASSED | 0.475 s  |
| 2 | When The user clicks Binary Tree Traversals link                   | PASSED | 0.480 s  |
| 3 | Then The user should be redirected to Binary Tree Traversals page  | PASSED | 0.003 s  |

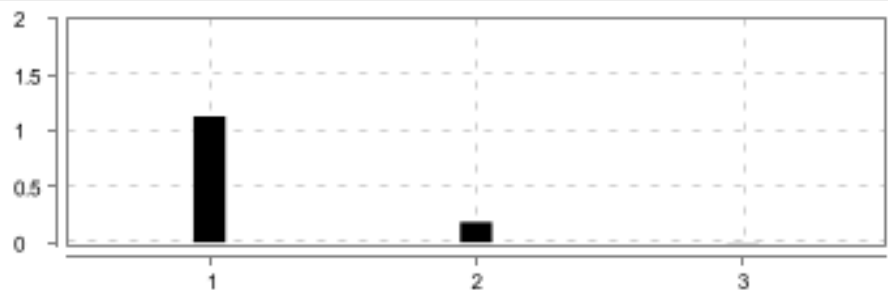

### Verify that user is able to navigate to Try Editor page for Binary Tree Traversals page



|   |   |   |  |
|---|---|---|--|
| <div>PASSED</div> <div>DURATION - 1.378 s</div>   | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:38:16.983 PM // 11:38:18.361 PM /</div> |   |   |  |
| <div>Tree Datastructure</div>                     |   |   |  |
| <div>@Tree45 @Regression</div>                    |   |   |  |

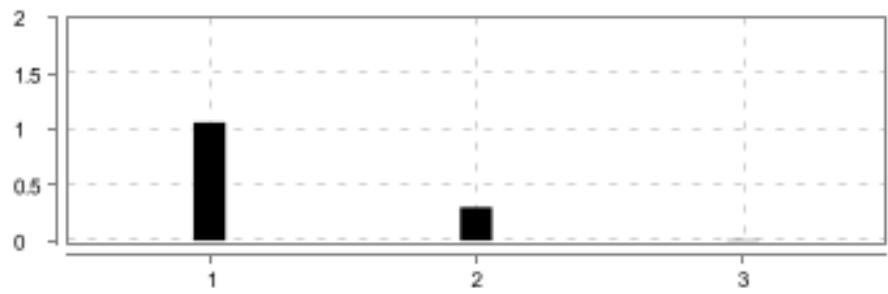

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Binary Tree Traversals page                             | PASSED | 0.881 s  |
| 2 | When The user clicks the Try Here button   | PASSED | 0.468 s  |
| 3 | Then The user should be redirected to a TryEditor page with a Run button to test | PASSED | 0.026 s  |

**Verify that user receives error when click on Run button without entering code in Binary Tree Traversals TryEditor page**

|   |                               |  |   |  |
|---|-------------------------------|--|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 1.318 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:38:18.367 PM // 11:38:19.685 PM /</div> |                               |  |   |  |
| <div>Tree Datastructure</div>                     |                               |  |   |  |
| <div>@Tree46 @Regression</div>                    |                               |  |   |  |

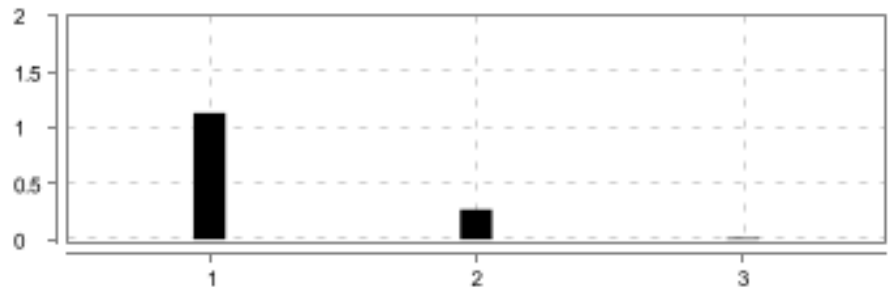

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the TryEditor page for Binary Tree Traversals         | PASSED | 1.128 s  |
| 2 | When The user clicks the Run button without entering code in the TryEditor | PASSED | 0.183 s  |
| 3 | Then The user should see an error message in a pop-up alert box            | PASSED | 0.003 s  |

**Verify that user receives error for invalid python code in Binary Tree Traversals TryEditor page**

|   |   |   |  |
|---|---|---|--|
| <div>PASSED</div> <div>DURATION - 1.370 s</div>   | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:38:19.691 PM // 11:38:21.061 PM /</div> |   |   |  |
| <div>Tree Datastructure</div>                     |   |   |  |
| <div>@Tree47 @Regression</div>                    |   |   |  |

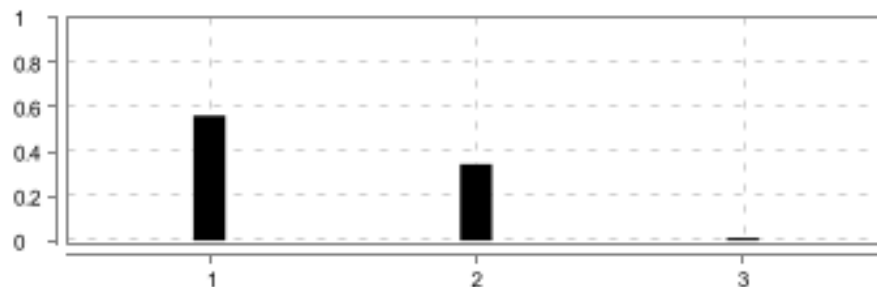

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the TryEditor page for Binary Tree Traversals   | PASSED | 1.062 s  |
| 2 | When The user reads the invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks on Run button for Tree Tryeditor | PASSED | 0.298 s  |
| 3 | Then The user should see an error message in a pop-up alert box  | PASSED | 0.007 s  |

### Verify that user is able to see output for valid python code in Binary Tree Traversals TryEditor page

|  |  |                           |  |   |  |   |
|--|--|---------------------------|--|---|--|---|
| <b>PASSED</b>                          |  | <i>DURATION - 1.414 s</i> |  |  | <b>Steps</b><br>Total - 3<br><b>Pass - 3</b><br>Fail - 0<br>Skip - 0 |  |
| / 11:38:21.069 PM // 11:38:22.483 PM / |  |                           |  |   |  |   |
| <i>Tree Datastructure</i>              |  |                           |  |   |  |   |
| @Tree48 @Regression                    |  |                           |  |   |  |   |

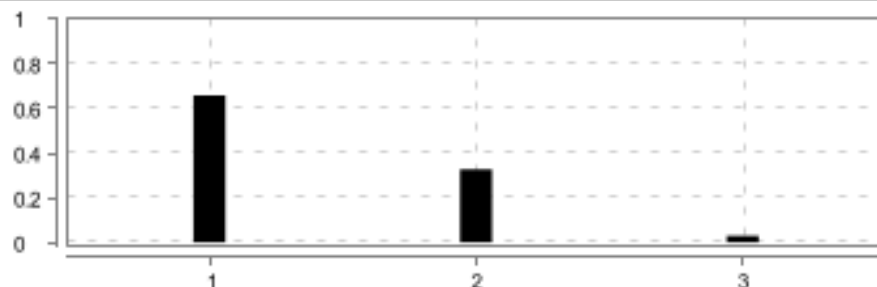

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the TryEditor page for Binary Tree Traversals   | PASSED | 1.133 s  |
| 2 | When The user reads the valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks on Run button for Tree Tryeditor | PASSED | 0.266 s  |
| 3 | Then The user should see output in the Output console  | PASSED | 0.013 s  |

### Verify that user is able to navigate to Implementation of Binary Trees page

|   |                               |   |   |  |
|---|-------------------------------|---|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 0.920 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:38:22.488 PM // 11:38:23.408 PM /</div> |                               |   |   |  |
| <div>Tree Datastructure</div>                     |                               |   |   |  |
| <div>@Tree49 @Regression</div>                    |                               |   |   |  |

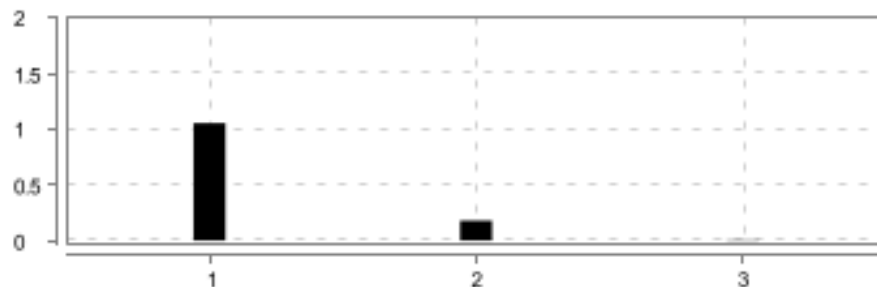

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in the Tree data structure page after sign in               | PASSED | 0.562 s  |
| 2 | When The user clicks the Implementation of Binary Trees link                  | PASSED | 0.343 s  |
| 3 | Then The user should be redirected to the Implementation of Binary Trees page | PASSED | 0.012 s  |

### Verify that user is able to navigate to try Editor page for Implementation of Binary Trees page

|   |   |   |
|---|---|---|
| <div>PASSED</div> <div>DURATION - 1.016 s</div>   | <div></div> | <div><div>Steps</div><div>Total - 3</div><div>Pass - 3</div><div>Fail - 0</div><div>Skip - 0</div></div> <div></div> |
| <div>/ 11:38:23.415 PM // 11:38:24.431 PM /</div> |   |   |
| <div>Tree Datastructure</div>                     |   |   |
| <div>@Regression @Tree50</div>                    |   |   |

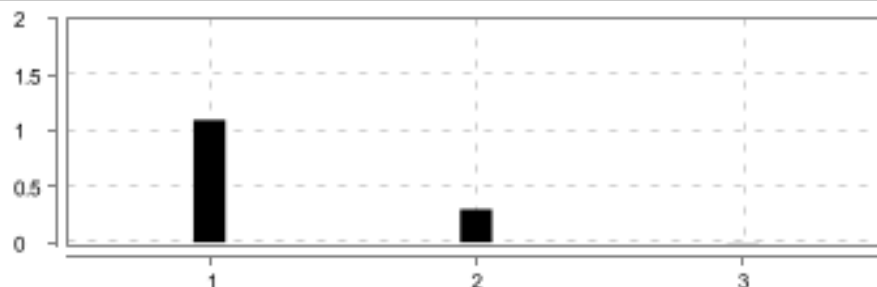

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Implementation of Binary Trees page                     | PASSED | 0.659 s  |
| 2 | When The user clicks the Try Here button   | PASSED | 0.327 s  |
| 3 | Then The user should be redirected to a TryEditor page with a Run button to test | PASSED | 0.029 s  |

### Verify that user receives error when click on Run button without entering code in Implementation of Binary Trees TryEditor page

|   |                               |   |   |  |
|---|-------------------------------|---|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 1.240 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:38:24.438 PM // 11:38:25.678 PM /</div> |                               |   |   |  |
| <div>Tree Datastructure</div>                     |                               |   |   |  |
| <div>@Regression @Tree51</div>                    |                               |   |   |  |

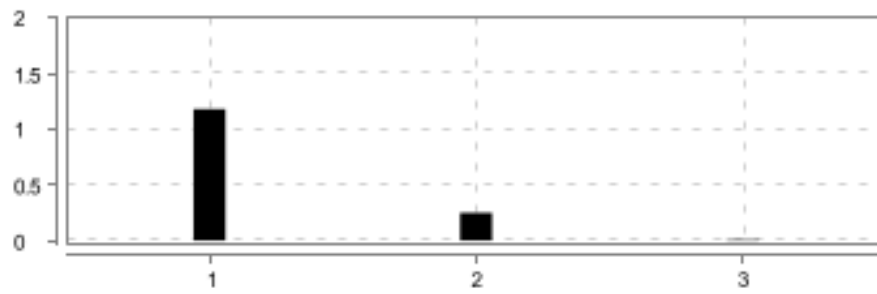

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the TryEditor page for Implementation of Binary Trees | PASSED | 1.055 s  |
| 2 | When The user clicks the Run button without entering code in the TryEditor | PASSED | 0.178 s  |
| 3 | Then The user should see an error message in a pop-up alert box            | PASSED | 0.005 s  |

### Verify that user receives error for invalid python code in Implementation of Binary Trees TryEditor page

|   |   |   |  |
|---|---|---|--|
| <div>PASSED</div> <div>DURATION - 1.399 s</div>   | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:38:25.683 PM // 11:38:27.082 PM /</div> |   |   |  |
| <div>Tree Datastructure</div>                     |   |   |  |
| <div>@Regression @Tree52</div>                    |   |   |  |

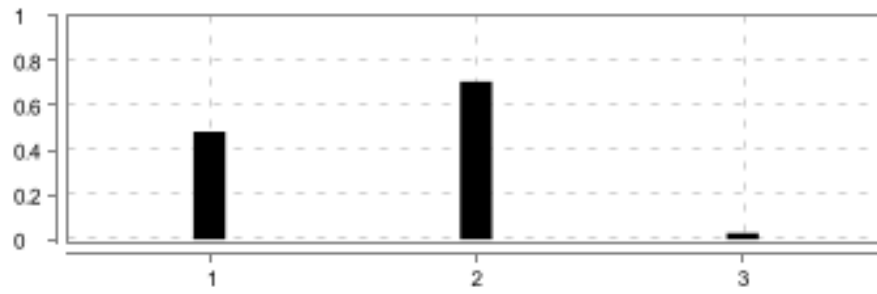

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the TryEditor page for Implementation of Binary Trees   | PASSED | 1.096 s  |
| 2 | When The user reads the invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks on Run button for Tree Tryeditor | PASSED | 0.297 s  |
| 3 | Then The user should see an error message in a pop-up alert box  | PASSED | 0.004 s  |

### Verify that user is able to see output for valid python code in Implementation of Binary Trees TryEditor page

|   |                               |   |   |  |
|---|-------------------------------|---|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 1.442 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:38:27.089 PM // 11:38:28.531 PM /</div> |                               |   |   |  |
| <div>Tree Datastructure</div>                     |                               |   |   |  |
| <div>@Regression @Tree53</div>                    |                               |   |   |  |

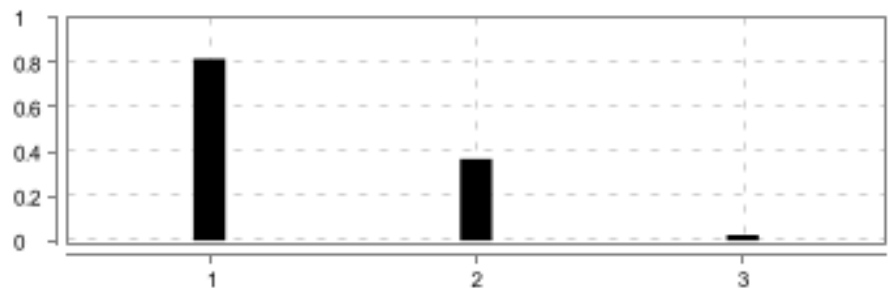

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the TryEditor page for Implementation of Binary Trees   | PASSED | 1.182 s  |
| 2 | When The user reads the valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks on Run button for Tree Tryeditor | PASSED | 0.248 s  |
| 3 | Then The user should see output in the Output console  | PASSED | 0.010 s  |

### Verify that user is able to navigate to Applications of Binary trees page

|  |                               |   |   |   |
|--|-------------------------------|---|---|---|
| <div>PASSED</div>                      | <div>DURATION - 1.218 s</div> |  | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> |  |
| / 11:38:28.537 PM // 11:38:29.755 PM / |                               |   |   |   |
| Tree Datastructure                     |                               |   |   |   |
| @Tree54 @Regression                    |                               |   |   |   |

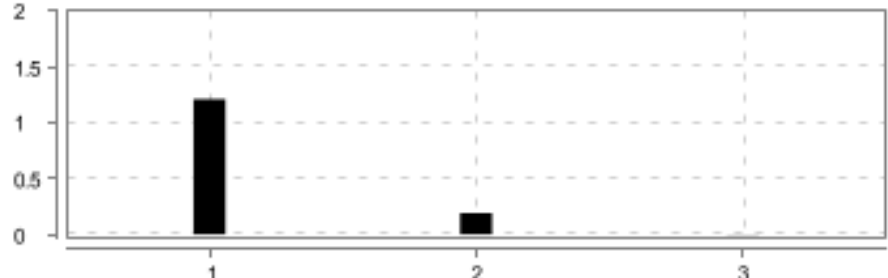
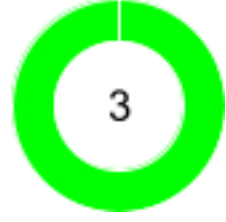
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in the Tree data structure page after sign in             | PASSED | 0.483 s  |
| 2 | When The user clicks the Applications of Binary trees link                  | PASSED | 0.706 s  |
| 3 | Then The user should be redirected to the Applications of Binary trees page | PASSED | 0.028 s  |

### Verify that user is able to navigate to try Editor page for Applications of Binary trees page

|   |                               |   |   |  |
|---|-------------------------------|---|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 1.208 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:38:29.762 PM // 11:38:30.970 PM /</div> |                               |   |   |  |
| <div>Tree Datastructure</div>                     |                               |   |   |  |
| <div>@Tree55 @Regression</div>                    |                               |   |   |  |

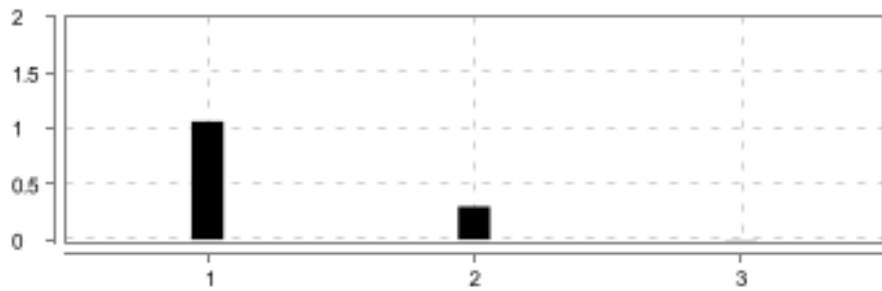

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Applications of Binary trees page                       | PASSED | 0.816 s  |
| 2 | When The user clicks the Try Here button   | PASSED | 0.366 s  |
| 3 | Then The user should be redirected to a TryEditor page with a Run button to test | PASSED | 0.025 s  |

**Verify that user receives error when click on Run button without entering code in Applications of Binary trees TryEditor page**

|  |  |                           |  |   |   |  |  |
|--|--|---------------------------|--|---|---|--|--|
| <b>PASSED</b>                          |  | <b>DURATION - 1.409 s</b> |  |  | <b>Steps</b><br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |  |
| / 11:38:30.975 PM // 11:38:32.384 PM / |  |                           |  |   |   |  |  |
| Tree Datastructure                     |  |                           |  |   |   |  |  |
| @Tree56 @Regression                    |  |                           |  |   |   |  |  |

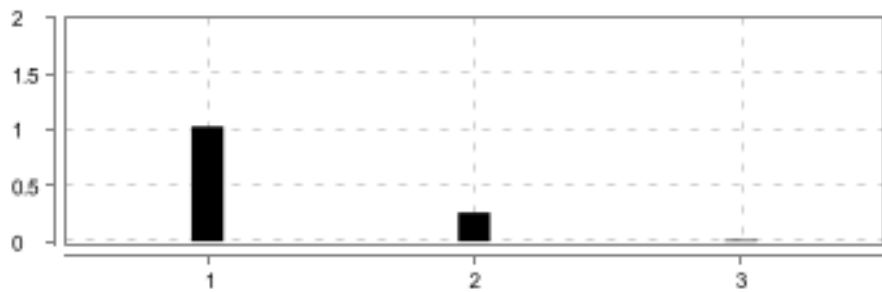

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the TryEditor page for Applications of Binary trees   | PASSED | 1.212 s  |
| 2 | When The user clicks the Run button without entering code in the TryEditor | PASSED | 0.192 s  |
| 3 | Then The user should see an error message in a pop-up alert box            | PASSED | 0.003 s  |

**Verify that user receives error for invalid python code in Applications of Binary trees TryEditor page**

|   |                               |   |   |  |
|---|-------------------------------|---|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 1.364 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:38:32.390 PM // 11:38:33.754 PM /</div> |                               |   |   |  |
| <div>Tree Datastructure</div>                     |                               |   |   |  |
| <div>@Tree57 @Regression</div>                    |                               |   |   |  |

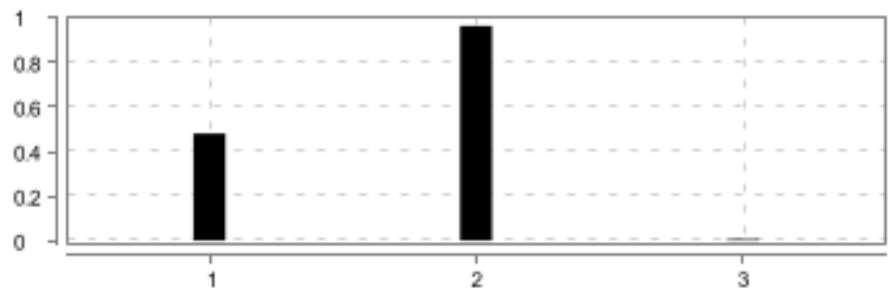

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the TryEditor page for Applications of Binary trees   | PASSED | 1.062 s  |
| 2 | When The user reads the invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks on Run button for Tree Tryeditor | PASSED | 0.297 s  |
| 3 | Then The user should see an error message in a pop-up alert box  | PASSED | 0.004 s  |

### Verify that user is able to see output for valid python code in Applications of Binary trees TryEditor page

|   |                               |  |   |  |
|---|-------------------------------|--|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 1.302 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:38:33.759 PM // 11:38:35.061 PM /</div> |                               |  |   |  |
| <div>Tree Datastructure</div>                     |                               |  |   |  |
| <div>@Tree58 @Regression</div>                    |                               |  |   |  |

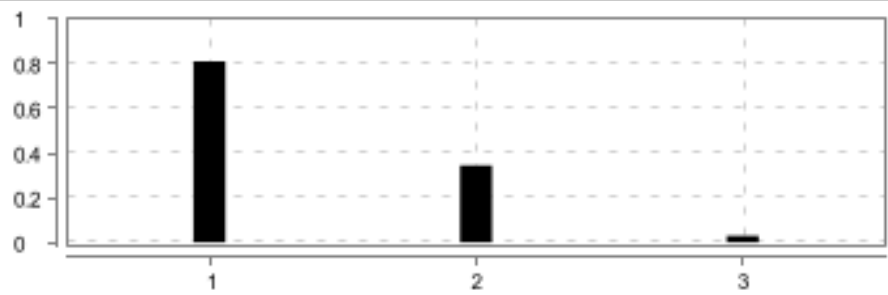

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the TryEditor page for Applications of Binary trees   | PASSED | 1.030 s  |
| 2 | When The user reads the valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks on Run button for Tree Tryeditor | PASSED | 0.259 s  |
| 3 | Then The user should see output in the Output console  | PASSED | 0.011 s  |

### Verify that user is able to navigate to Binary Search Trees page

|  |                               |  |   |   |
|--|-------------------------------|--|---|---|
| <div>PASSED</div>                      | <div>DURATION - 1.453 s</div> |  | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> |  |
| / 11:38:35.069 PM // 11:38:36.522 PM / |                               |  |   |   |
| Tree Datastructure                     |                               |  |   |   |
| @Tree59 @Regression                    |                               |  |   |   |

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the Tree data structure page after sign in    | PASSED | 0.481 s  |
| 2 | When The user clicks the Binary Search Trees link                  | PASSED | 0.965 s  |
| 3 | Then The user should be redirected to the Binary Search Trees page | PASSED | 0.006 s  |

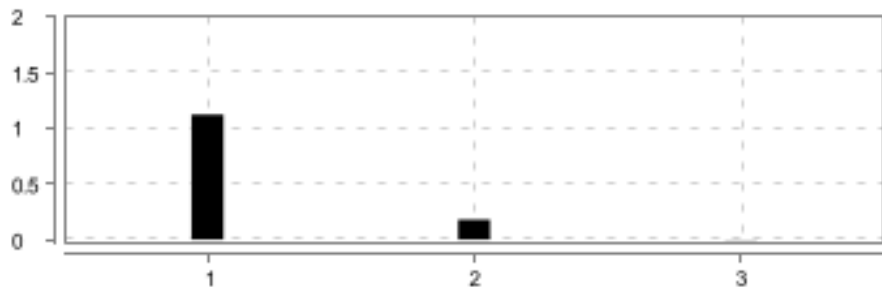

### Verify that user is able to navigate to try Editor page for Binary Search Trees page

|   |                               |   |   |  |
|---|-------------------------------|---|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 1.188 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:38:36.531 PM // 11:38:37.719 PM /</div> |                               |   |   |  |
| <div>Tree Datastructure</div>                     |                               |   |   |  |
| <div>@Tree60 @Regression</div>                    |                               |   |   |  |

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Binary Search Trees page                                | PASSED | 0.811 s  |
| 2 | When The user clicks the Try Here button   | PASSED | 0.345 s  |
| 3 | Then The user should be redirected to a TryEditor page with a Run button to test | PASSED | 0.029 s  |

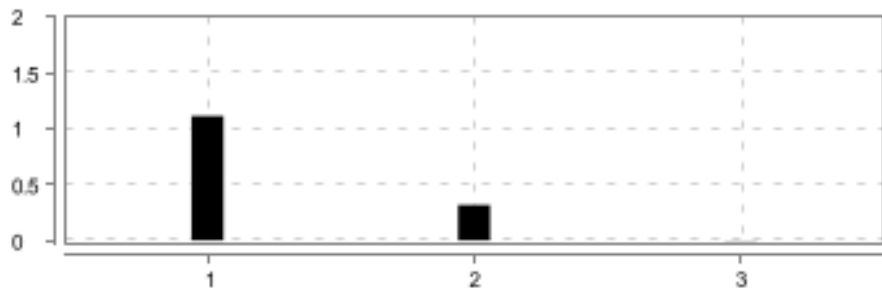

### Verify that user receives error when click on Run button without entering code in Binary Search Trees TryEditor page



|   |                               |   |   |  |
|---|-------------------------------|---|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 1.316 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:38:37.726 PM // 11:38:39.042 PM /</div> |                               |   |   |  |
| <div>Tree Datastructure</div>                     |                               |   |   |  |
| <div>@Regression @Tree61</div>                    |                               |   |   |  |

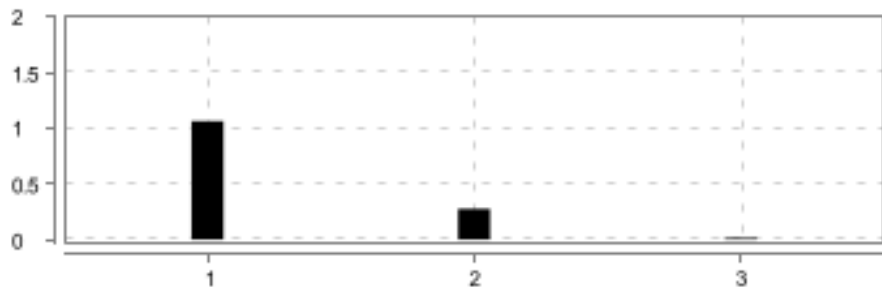

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the TryEditor page for Binary Search Trees            | PASSED | 1.124 s  |
| 2 | When The user clicks the Run button without entering code in the TryEditor | PASSED | 0.180 s  |
| 3 | Then The user should see an error message in a pop-up alert box            | PASSED | 0.003 s  |

### Verify that user receives error for invalid python code in Binary Search Trees TryEditor page

|   |   |   |  |
|---|---|---|--|
| <div>PASSED</div> <div>DURATION - 1.436 s</div>   | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:38:39.051 PM // 11:38:40.487 PM /</div> |   |   |  |
| <div>Tree Datastructure</div>                     |   |   |  |
| <div>@Regression @Tree62</div>                    |   |   |  |

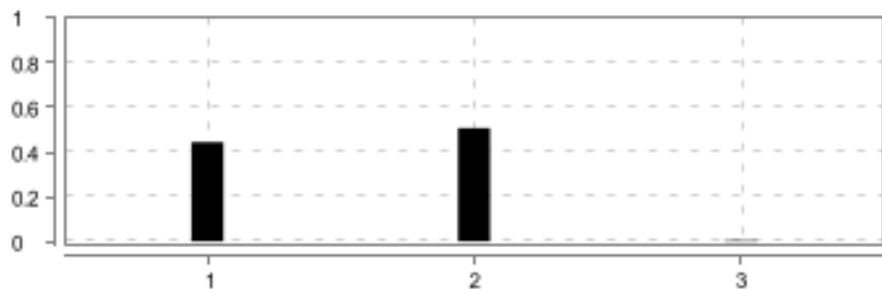

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the TryEditor page for Binary Search Trees  | PASSED | 1.115 s  |
| 2 | When The user reads the invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks on Run button for Tree Tryeditor | PASSED | 0.316 s  |
| 3 | Then The user should see an error message in a pop-up alert box  | PASSED | 0.003 s  |

### Verify that user is able to see output for valid python code in Binary Search Trees TryEditor page

|   |                               |   |   |  |
|---|-------------------------------|---|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 1.355 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:38:40.494 PM // 11:38:41.849 PM /</div> |                               |   |   |  |
| <div>Tree Datastructure</div>                     |                               |   |   |  |
| <div>@Regression @Tree63</div>                    |                               |   |   |  |

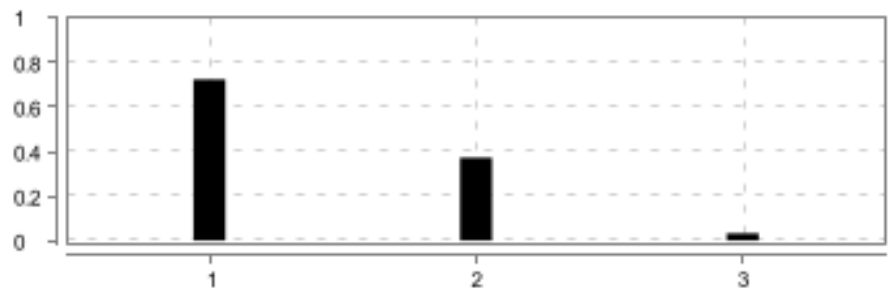

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the TryEditor page for Binary Search Trees  | PASSED | 1.064 s  |
| 2 | When The user reads the valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks on Run button for Tree Tryeditor | PASSED | 0.276 s  |
| 3 | Then The user should see output in the Output console  | PASSED | 0.014 s  |

### Verify that user is able to navigate to Implementation Of BST page

|   |                               |  |   |  |
|---|-------------------------------|--|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 0.959 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:38:41.853 PM // 11:38:42.812 PM /</div> |                               |  |   |  |
| <div>Tree Datastructure</div>                     |                               |  |   |  |
| <div>@Regression @Tree64</div>                    |                               |  |   |  |

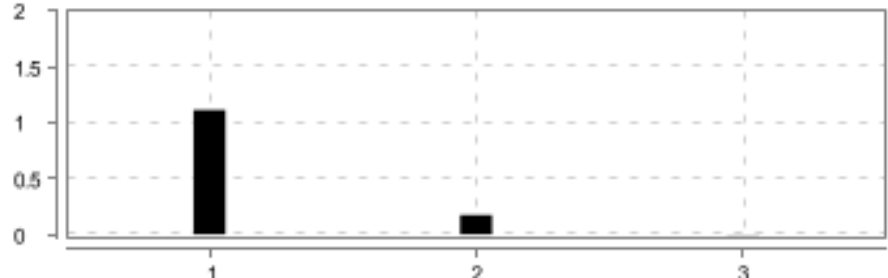
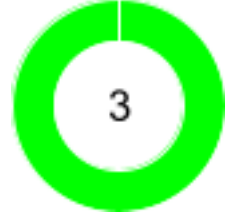
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the Tree data structure page after sign in      | PASSED | 0.444 s  |
| 2 | When The user clicks the Implementation Of BST link                  | PASSED | 0.507 s  |
| 3 | Then The user should be redirected to the Implementation Of BST page | PASSED | 0.005 s  |

### Verify that user is able to navigate to try Editor page for Implementation Of BST page

|   |                               |   |   |  |
|---|-------------------------------|---|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 1.131 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:38:42.820 PM // 11:38:43.951 PM /</div> |                               |   |   |  |
| <div>Tree Datastructure</div>                     |                               |   |   |  |
| <div>@Tree65 @Regression</div>                    |                               |   |   |  |

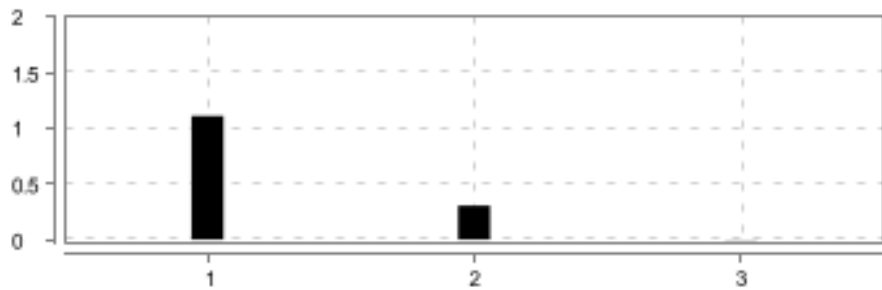

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Implementation Of BST page                              | PASSED | 0.725 s  |
| 2 | When The user clicks the Try Here button   | PASSED | 0.373 s  |
| 3 | Then The user should be redirected to a TryEditor page with a Run button to test | PASSED | 0.032 s  |

**Verify that user receives error when click on Run button without entering code in Implementation Of BST TryEditor page**

|  |  |                    |  |   |   |  |
|--|--|--------------------|--|---|---|--|
| PASSED                                 |  | DURATION - 1.291 s |  |  | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> |  |
| / 11:38:43.956 PM // 11:38:45.247 PM / |  |                    |  |   |   |  |
| Tree Datastructure                     |  |                    |  |   |   |  |
| @Tree66 @Regression                    |  |                    |  |   |   |  |

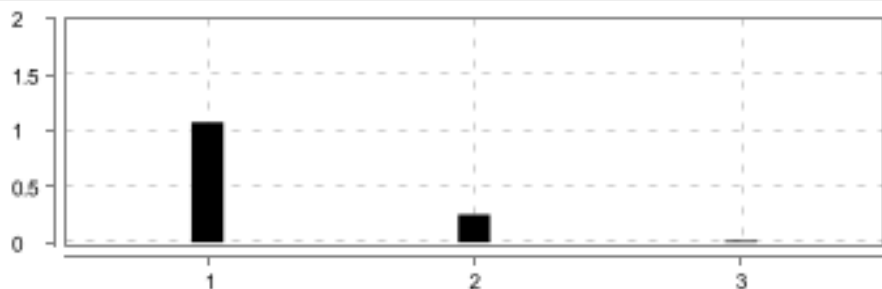

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the TryEditor page for Implementation Of BST          | PASSED | 1.113 s  |
| 2 | When The user clicks the Run button without entering code in the TryEditor | PASSED | 0.174 s  |
| 3 | Then The user should see an error message in a pop-up alert box            | PASSED | 0.003 s  |

**Verify that user receives error for invalid python code in Implementation Of BST TryEditor page**

|   |                               |   |   |  |
|---|-------------------------------|---|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 1.422 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:38:45.254 PM // 11:38:46.676 PM /</div> |                               |   |   |  |
| <div>Tree Datastructure</div>                     |                               |   |   |  |
| <div>@Tree67 @Regression</div>                    |                               |   |   |  |

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the TryEditor page for Implementation Of BST  | PASSED | 1.111 s  |
| 2 | When The user reads the invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks on Run button for Tree Tryeditor | PASSED | 0.306 s  |
| 3 | Then The user should see an error message in a pop-up alert box  | PASSED | 0.003 s  |

### Verify that user is able to see output for valid python code in Implementation Of BST TryEditor page

|   |                               |  |   |  |
|---|-------------------------------|--|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 1.342 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 11:38:46.683 PM // 11:38:48.025 PM /</div> |                               |  |   |  |
| <div>Tree Datastructure</div>                     |                               |  |   |  |
| <div>@Tree68 @Regression</div>                    |                               |  |   |  |

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the TryEditor page for Implementation Of BST  | PASSED | 1.076 s  |
| 2 | When The user reads the valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks on Run button for Tree Tryeditor | PASSED | 0.250 s  |
| 3 | Then The user should see output in the Output console  | PASSED | 0.014 s  |

### Verify that user able to logout from the Tree data structure

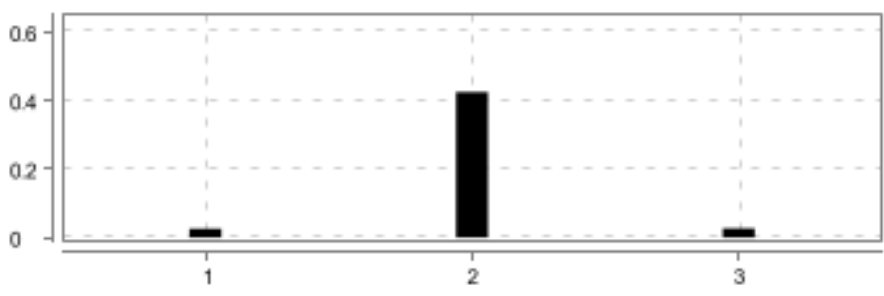
PASSED

DURATION - 0.480 s

/ 11:38:48.029 PM // 11:38:48.509 PM /

Tree Datastructure

@Tree69 @Regression




Steps

Total - 3

Pass - 3

Fail - 0

Skip - 0



| # | Step / Hook Details                                    | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the Tree data structure page      | PASSED | 0.026 s  |
| 2 | When The User clicks signout button from the Tree page | PASSED | 0.425 s  |
| 3 | Then The user should Logged out successfully           | PASSED | 0.027 s  |