

# Cucumber Report

Dec 27, 2023, 5:22:50 PM

**Start : Dec 27, 5:19:19.324 PM**

**End : Dec 27, 5:22:48.365 PM**

**Duration : 3 m 29.041 s**

Features

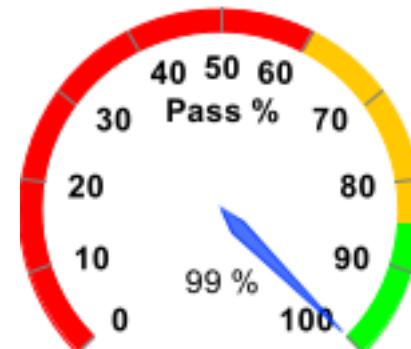
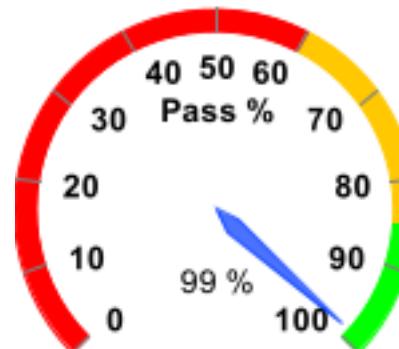
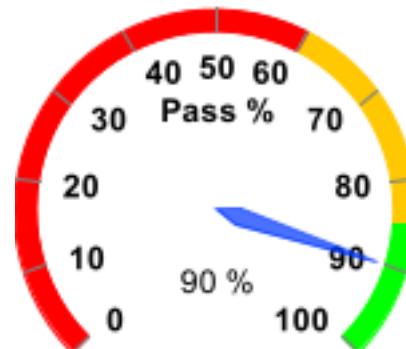
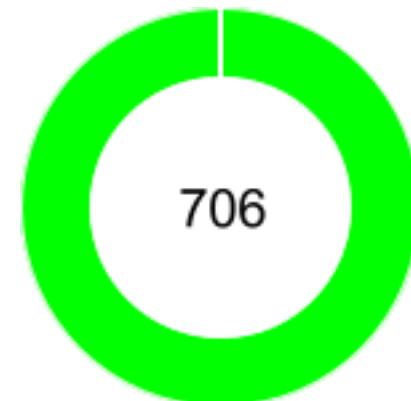
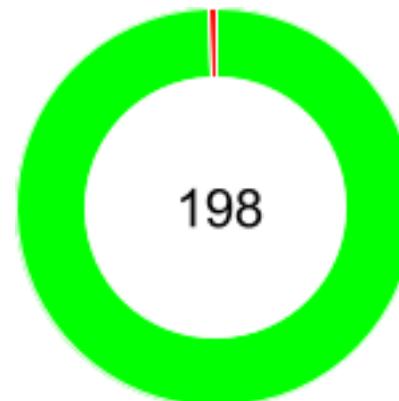
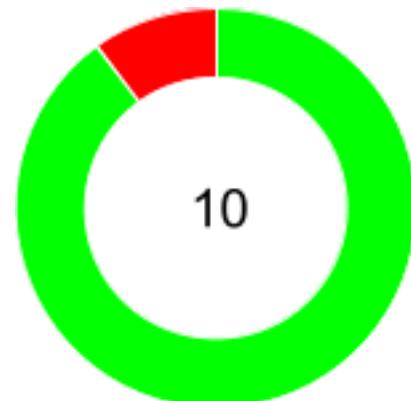
PASSED - 9  
FAILED - 1  
SKIPPED - 0

Scenarios

PASSED - 197  
FAILED - 1  
SKIPPED - 0

Steps

PASSED - 705  
FAILED - 1  
SKIPPED - 0



| <b>Feature</b>  |                 | <b>Scenario</b> |          |          |          | <b>Step</b> |          |          |          |
|---|-----------------|-----------------|----------|----------|----------|-------------|----------|----------|----------|
| <b>Name</b>   | <b>Duration</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> |
| <u>User launch dsalgo application and test Home page</u>      | 57.875 s        | 16              | 16       | 0        | 0        | 48          | 48       | 0        | 0        |
| <u>Validating Register page</u>                               | 17.156 s        | 12              | 11       | 1        | 0        | 36          | 35       | 1        | 0        |
| <u>Validating Login page</u>                                  | 6.264 s         | 6               | 6        | 0        | 0        | 18          | 18       | 0        | 0        |
| <u>DataStructures-Introduction feature</u>                    | 7.819 s         | 6               | 6        | 0        | 0        | 23          | 23       | 0        | 0        |
| <u>Array feature</u>  | 38.744 s        | 31              | 31       | 0        | 0        | 124         | 124      | 0        | 0        |
| <u>Testing LinkedList page</u>                                | 17.819 s        | 31              | 31       | 0        | 0        | 109         | 109      | 0        | 0        |
| <u>Stack: Luanch the DS-Algo portal and test Stack module</u> | 8.011 s         | 15              | 15       | 0        | 0        | 52          | 52       | 0        | 0        |
| <u>Queue feature</u>  | 10.918 s        | 15              | 15       | 0        | 0        | 62          | 62       | 0        | 0        |
| <u>User tests the Tree page on the Ds algo application</u>    | 32.186 s        | 55              | 55       | 0        | 0        | 193         | 193      | 0        | 0        |
| <u>Graph: Luanch the DS-Algo portal and test Graph module</u> | 12.066 s        | 11              | 11       | 0        | 0        | 41          | 41       | 0        | 0        |

| # | Feature Name                    | Scenario Name   |
|---|---------------------------------|---|
| 1 | <u>Validating Register page</u> | <i>The user is presented with error message for password mismatch</i> |

| <b>TAG</b>      | <b>Name</b> | <b>Scenario</b> |          |          |          | <b>Feature</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> |
| @TS_home_01     |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @home           |             | 16              | 16       | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_home_02     |             | 7               | 7        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_home_03     |             | 6               | 6        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_home_04     |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_home_05     |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_register_01 |             | 1               | 1        | 0        | 0        | 1              | 0        | 1        | 0        |
| @register       |             | 12              | 11       | 1        | 0        | 1              | 0        | 1        | 0        |
| @TS_register_02 |             | 1               | 1        | 0        | 0        | 1              | 0        | 1        | 0        |
| @TS_register_03 |             | 1               | 1        | 0        | 0        | 1              | 0        | 1        | 0        |
| @TS_register_04 |             | 1               | 1        | 0        | 0        | 1              | 0        | 1        | 0        |
| @TS_register_05 |             | 1               | 1        | 0        | 0        | 1              | 0        | 1        | 0        |
| @TS_register_06 |             | 1               | 0        | 1        | 0        | 1              | 0        | 1        | 0        |
| @TS_register_07 |             | 1               | 1        | 0        | 0        | 1              | 0        | 1        | 0        |
| @TS_register_08 |             | 1               | 1        | 0        | 0        | 1              | 0        | 1        | 0        |
| @TS_register_09 |             | 1               | 1        | 0        | 0        | 1              | 0        | 1        | 0        |
| @TS_register_10 |             | 1               | 1        | 0        | 0        | 1              | 0        | 1        | 0        |

| <b>TAG</b>                   | <b>Name</b> | <b>Scenario</b> |          |          |          | <b>Feature</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> |
| @TS_register_11              |             | 1               | 1        | 0        | 0        | 1              | 0        | 1        | 0        |
| @TS_register_12              |             | 1               | 1        | 0        | 0        | 1              | 0        | 1        | 0        |
| @TS_signin_01                |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @signin                      |             | 6               | 6        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_signin_02                |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_signin_03                |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_signin_04                |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_signin_05                |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_signin_06                |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @DataStructures-Introduction |             | 6               | 6        | 0        | 0        | 1              | 1        | 0        | 0        |
| @DataStructures1             |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @DataStructures2             |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @DataStructures3             |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @DataStructures4             |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @DataStructures5             |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @DataStructures6             |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Array1                      |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |

| <b>TAG</b>   | <b>Name</b> | <b>Scenario</b> |          |          |          | <b>Feature</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> |
| @Array       |             | 31              | 31       | 0        | 0        | 1              | 1        | 0        | 0        |
| @Array2      |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Array3      |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Array4      |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Array5      |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Array6      |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Array7      |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Array8      |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Array9      |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Array10     |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Array11     |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Array12     |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Array13     |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Array14     |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Array15     |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Array16     |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_array_21 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |

| <b>TAG</b>   | <b>Name</b> | <b>Scenario</b> |          |          |          | <b>Feature</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> |
| @TS_array_22 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_array_23 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_array_24 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_array_25 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_array_26 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_array_27 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_array_28 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_array_29 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_array_30 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_array_31 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_array_32 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_array_33 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_array_34 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_array_35 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @linkedlist  |             | 31              | 31       | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_LL_01    |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_LL_02    |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |

| <b>TAG</b> | <b>Name</b> | <b>Scenario</b> |          |          |          | <b>Feature</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> |
| @TS_LL_03  |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_LL_04  |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_LL_05  |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_LL_06  |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_LL_07  |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_LL_08  |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_LL_09  |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_LL_10  |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_LL_11  |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_LL_12  |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_LL_13  |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_LL_14  |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_LL_15  |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_LL_16  |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_LL_17  |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_LL_18  |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_LL_19  |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |

| <b>TAG</b>   | <b>Name</b> | <b>Scenario</b> |          |          |          | <b>Feature</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> |
| @TS_II_20    |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_II_21    |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_II_22    |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_II_23    |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_II_24    |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_II_25    |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_II_26    |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_II_27    |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_II_28    |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_II_29    |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_II_30    |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_II_31    |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_stack_01 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Stack       |             | 15              | 15       | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_stack_02 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_stack_03 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_stack_04 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |

| <b>TAG</b>   | <b>Name</b> | <b>Scenario</b> |          |          |          | <b>Feature</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> |
| @TS_stack_05 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_stack_06 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_stack_07 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_stack_08 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_stack_09 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_stack_10 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_stack_11 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_stack_12 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_stack_13 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_stack_14 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TS_stack_15 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Queue1      |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Queue       |             | 15              | 15       | 0        | 0        | 1              | 1        | 0        | 0        |
| @Queue2      |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Queue3      |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Queue4      |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Queue5      |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |

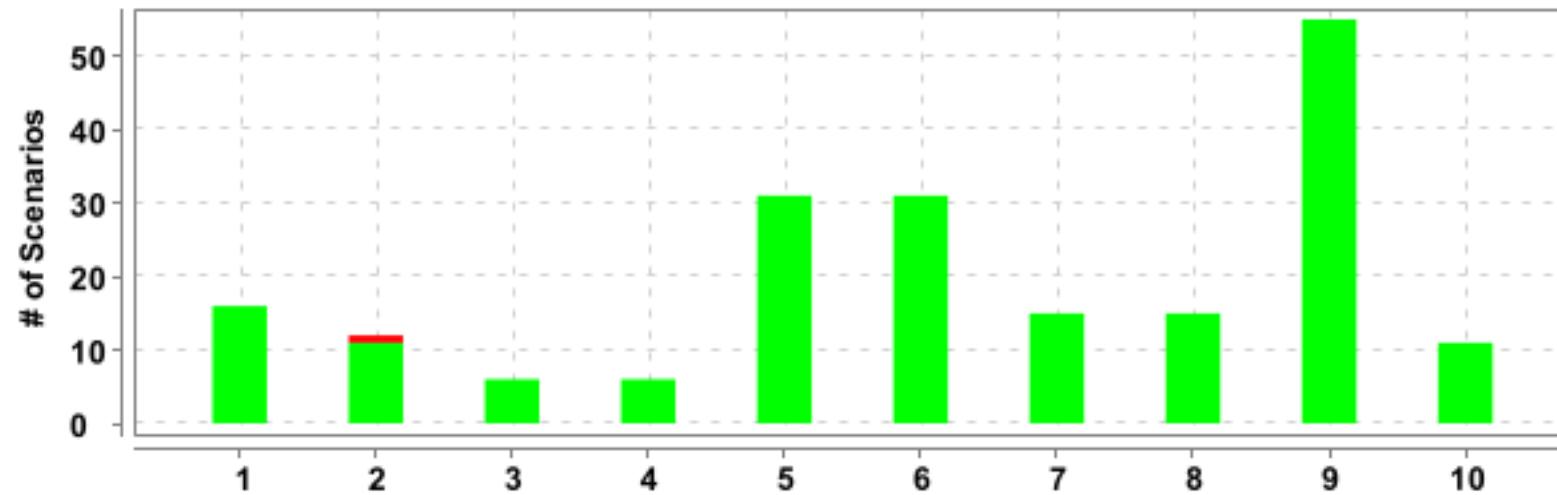
|  | <b>TAG</b>       | <b>Scenario</b> |          |          |          | <b>Feature</b> |          |          |          |
|--|------------------|-----------------|----------|----------|----------|----------------|----------|----------|----------|
|  |                  | <b>T</b>        | <b>P</b> | <b>F</b> | <b>S</b> | <b>T</b>       | <b>P</b> | <b>F</b> | <b>S</b> |
|  | <b>Name</b>      |                 |          |          |          |                |          |          |          |
|  | @Queue6          | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
|  | @Queue7          | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
|  | @Queue8          | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
|  | @Queue9          | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
|  | @Queue10         | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
|  | @Queue11         | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
|  | @Queue12         | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
|  | @Queue13         | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
|  | @Queue14         | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
|  | @Queue15         | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
|  | @tree            | 55              | 55       | 0        | 0        | 1              | 1        | 0        | 0        |
|  | @TreeScenario_01 | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
|  | @TreeScenario_02 | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
|  | @TreeScenario_03 | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
|  | @TreeScenario_04 | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
|  | @TreeScenario_05 | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
|  | @TreeScenario_06 | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |

| <b>TAG</b>       | <b>Name</b> | <b>Scenario</b> |          |          |          | <b>Feature</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> |
| @TreeScenario_07 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_08 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_09 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_10 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_11 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_12 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_13 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_14 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_15 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_16 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_17 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_18 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_19 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_20 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_21 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_22 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_23 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |

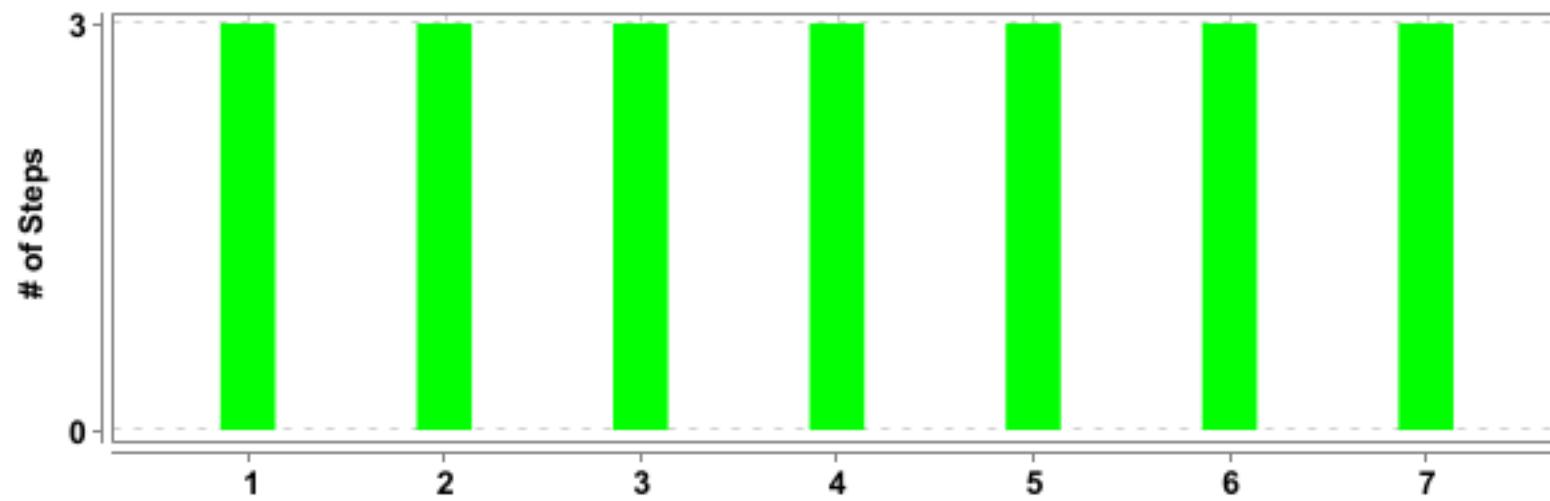
| <b>TAG</b>       | <b>Name</b> | <b>Scenario</b> |          |          |          | <b>Feature</b> |          |          |          |
|------------------|-------------|-----------------|----------|----------|----------|----------------|----------|----------|----------|
|                  |             | <b>T</b>        | <b>P</b> | <b>F</b> | <b>S</b> | <b>T</b>       | <b>P</b> | <b>F</b> | <b>S</b> |
| @TreeScenario_24 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_25 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_26 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_27 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_28 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_29 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_30 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_31 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_32 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_33 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_34 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_35 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_36 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_37 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_38 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_39 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_40 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |

| <b>TAG</b>       | <b>Name</b> | <b>Scenario</b> |          |          |          | <b>Feature</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> |
| @TreeScenario_41 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_42 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_43 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_44 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_45 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_46 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_47 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_48 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_49 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_50 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_51 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_52 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_53 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_54 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @TreeScenario_55 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @Graph           |             | 11              | 11       | 0        | 0        | 1              | 1        | 0        | 0        |
| @GraphScenario_1 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |

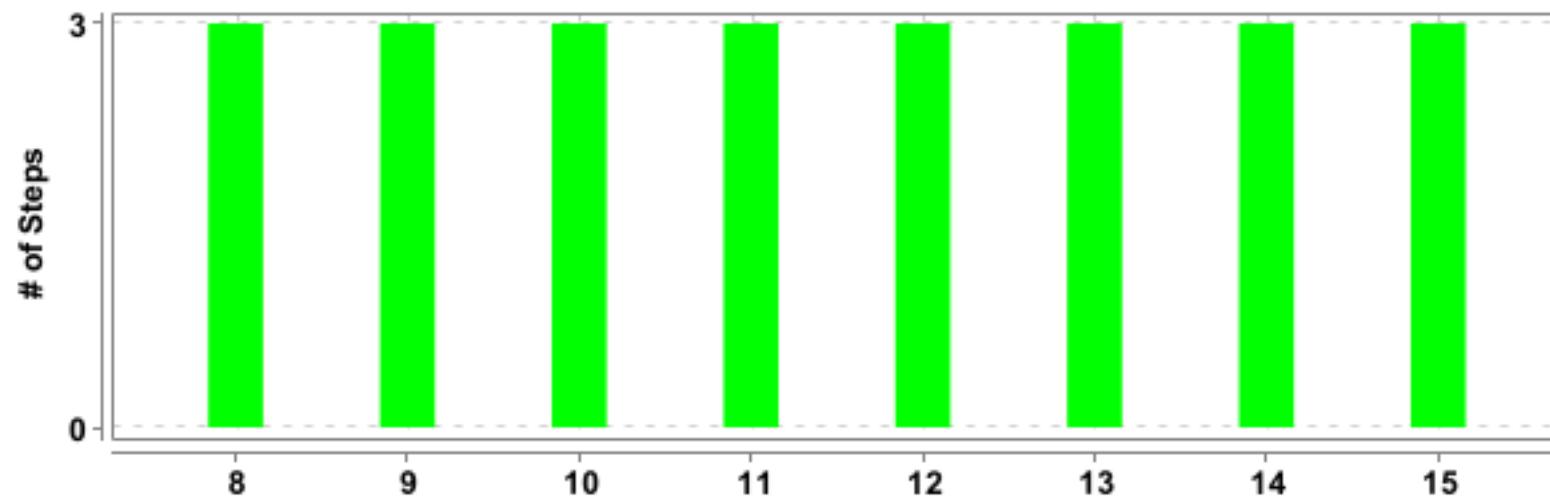
| <b>TAG</b>        | <b>Name</b> | <b>Scenario</b> |          |          |          | <b>Feature</b> |          |          |          |
|-------------------|-------------|-----------------|----------|----------|----------|----------------|----------|----------|----------|
|                   |             | <b>T</b>        | <b>P</b> | <b>F</b> | <b>S</b> | <b>T</b>       | <b>P</b> | <b>F</b> | <b>S</b> |
| @GraphScenario_2  |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @GraphScenario_3  |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @GraphScenario_4  |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @GraphScenario_5  |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @GraphScenario_6  |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @GraphScenario_7  |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @GraphScenario_8  |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @GraphScenario_9  |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @GraphScenario_10 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |
| @GraphScenario_11 |             | 1               | 1        | 0        | 0        | 1              | 1        | 0        | 0        |



| #  | Feature Name  | T  | P  | F | S | Duration |
|----|---|----|----|---|---|----------|
| 1  | <u>User launch dsalgo application and test Home page</u>      | 16 | 16 | 0 | 0 | 57.875 s |
| 2  | <u>Validating Register page</u>                               | 12 | 11 | 1 | 0 | 17.156 s |
| 3  | <u>Validating Login page</u>                                  | 6  | 6  | 0 | 0 | 6.264 s  |
| 4  | <u>DataStructures-Introduction feature</u>                    | 6  | 6  | 0 | 0 | 7.819 s  |
| 5  | <u>Array feature</u>  | 31 | 31 | 0 | 0 | 38.744 s |
| 6  | <u>Testing LinkedList page</u>                                | 31 | 31 | 0 | 0 | 17.819 s |
| 7  | <u>Stack: Luanch the DS-Algo portal and test Stack module</u> | 15 | 15 | 0 | 0 | 8.011 s  |
| 8  | <u>Queue feature</u>  | 15 | 15 | 0 | 0 | 10.918 s |
| 9  | <u>User tests the Tree page on the Ds algo application</u>    | 55 | 55 | 0 | 0 | 32.186 s |
| 10 | <u>Graph: Luanch the DS-Algo portal and test Graph module</u> | 11 | 11 | 0 | 0 | 12.066 s |

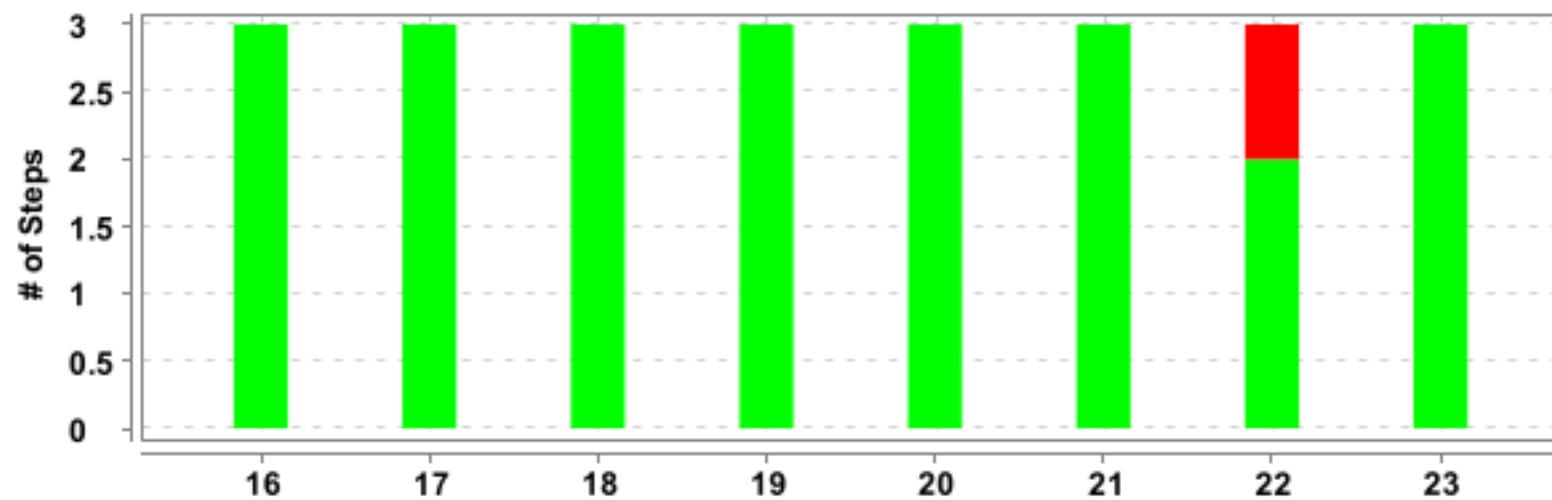


| # | Feature Name   | Scenario Name   | T | P | F | S | Duration |
|---|--|---|---|---|---|---|----------|
| 1 | <u>User launch dsalgo application and test Home page</u> | <u>User launch home page of an dsalgo project</u>   | 3 | 3 | 0 | 0 | 7.270 s  |
| 2 |  | <u>User is on Home page and click getstarted link "Datastructures" on home page without sign in</u> | 3 | 3 | 0 | 0 | 3.820 s  |
| 3 |  | <u>User is on Home page and click getstarted link "Arrays" on home page without sign in</u>         | 3 | 3 | 0 | 0 | 3.797 s  |
| 4 |  | <u>User is on Home page and click getstarted link "Linkedlist" on home page without sign in</u>     | 3 | 3 | 0 | 0 | 3.604 s  |
| 5 |  | <u>User is on Home page and click getstarted link "Stack" on home page without sign in</u>          | 3 | 3 | 0 | 0 | 3.788 s  |
| 6 |  | <u>User is on Home page and click getstarted link "Queue" on home page without sign in</u>          | 3 | 3 | 0 | 0 | 3.716 s  |
| 7 |  | <u>User is on Home page and click getstarted link "Tree" on home page without sign in</u>           | 3 | 3 | 0 | 0 | 3.537 s  |



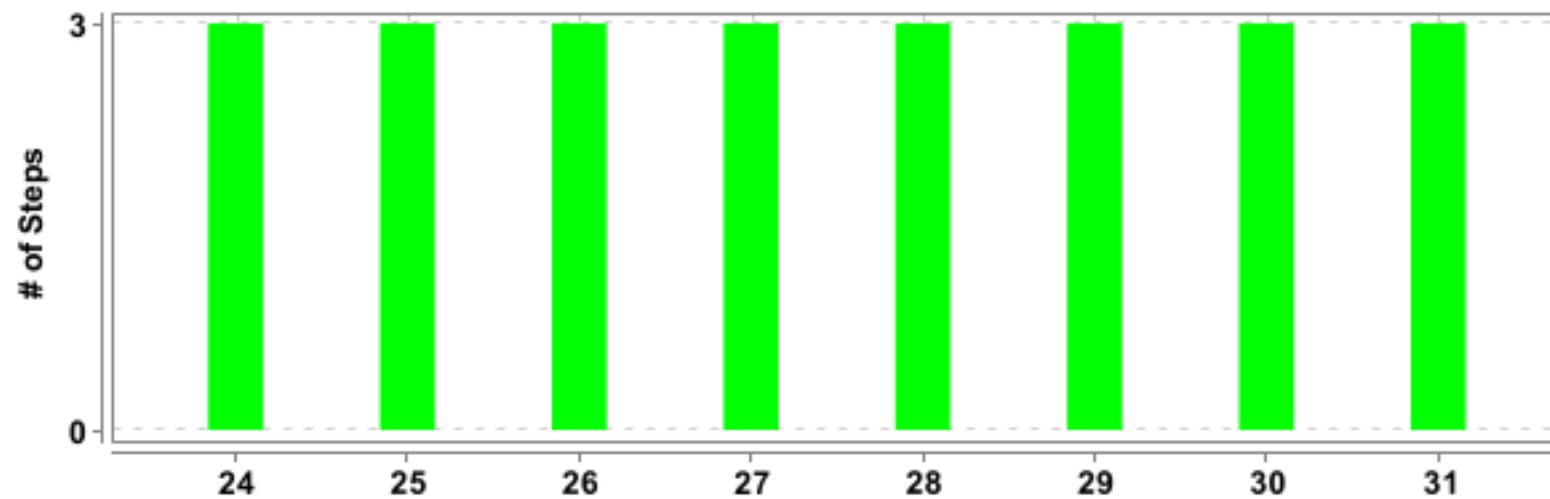
| #  | Feature Name   | Scenario Name  | T | P | F | S | Duration |
|----|--|--|---|---|---|---|----------|
| 8  | <u>User launch dsalgo application and test Home page</u> | <u>User is on Home page and click getstarted link "Graph" on home page without sign in</u> | 3 | 3 | 0 | 0 | 3.555 s  |
| 9  |  | <u>User is on Home page and click on dropdown "Arrays" without sign in</u>                 | 3 | 3 | 0 | 0 | 3.901 s  |
| 10 |  | <u>User is on Home page and click on dropdown "Linkedlist" without sign in</u>             | 3 | 3 | 0 | 0 | 3.784 s  |
| 11 |  | <u>User is on Home page and click on dropdown "Stack" without sign in</u>                  | 3 | 3 | 0 | 0 | 3.959 s  |
| 12 |  | <u>User is on Home page and click on dropdown "Queue" without sign in</u>                  | 3 | 3 | 0 | 0 | 3.522 s  |
| 13 |  | <u>User is on Home page and click on dropdown "Tree" without sign in</u>                   | 3 | 3 | 0 | 0 | 3.479 s  |
| 14 |  | <u>User is on Home page and click on dropdown "Graph" without sign in</u>                  | 3 | 3 | 0 | 0 | 3.549 s  |

| #  | Feature Name | Scenario Name                                    | T | P | F | S | Duration |
|----|--------------|--|---|---|---|---|----------|
| 15 |              | <u>User is on Home page and click on sign in</u> | 3 | 3 | 0 | 0 | 0.444 s  |



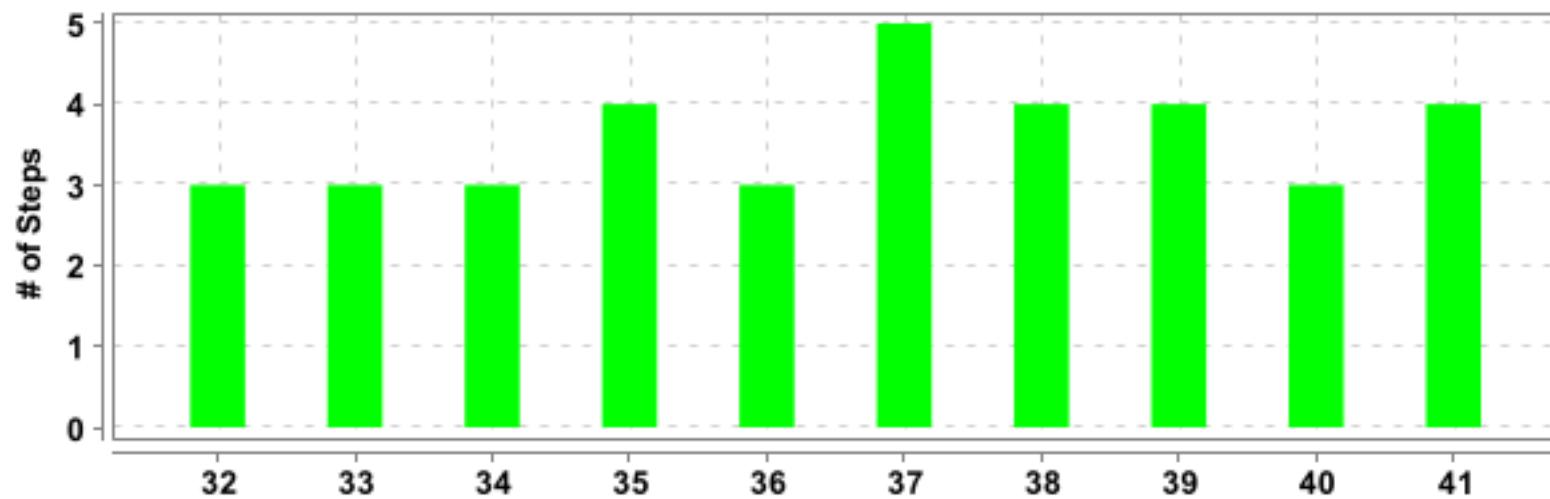
| #  | Feature Name                                      | Scenario Name  | T | P | F | S | Duration |
|----|---|--|---|---|---|---|----------|
| 16 | User launch dsalgo application and test Home page | User is on Home page and click on Register   | 3 | 3 | 0 | 0 | 0.383 s  |
| 17 | Validating Register page                          | User launch home page of an dsalgo project   | 3 | 3 | 0 | 0 | 6.339 s  |
| 18 |   | The user is presented with error message for empty fields below Username textbox         | 3 | 3 | 0 | 0 | 0.454 s  |
| 19 |   | The user is presented with error message for empty fields below Password textbox         | 3 | 3 | 0 | 0 | 0.783 s  |
| 20 |   | The user is presented with error message for empty fields below confirm Password textbox | 3 | 3 | 0 | 0 | 0.791 s  |
| 21 |   | The user is presented with error message for invalid username                            | 3 | 3 | 0 | 0 | 1.018 s  |
| 22 |   | The user is presented with error message for password mismatch                           | 3 | 2 | 1 | 0 | 1.004 s  |

| #  | <b>Feature Name</b> | <b>Scenario Name</b>  | <b>T</b> | <b>P</b> | <b>F</b> | <b>S</b> | <b>Duration</b> |
|----|---------------------|---|----------|----------|----------|----------|-----------------|
| 23 |                     | <u><i>The user is presented with error message for password with characters less than eight</i></u> | 3        | 3        | 0        | 0        | 0.996 s         |



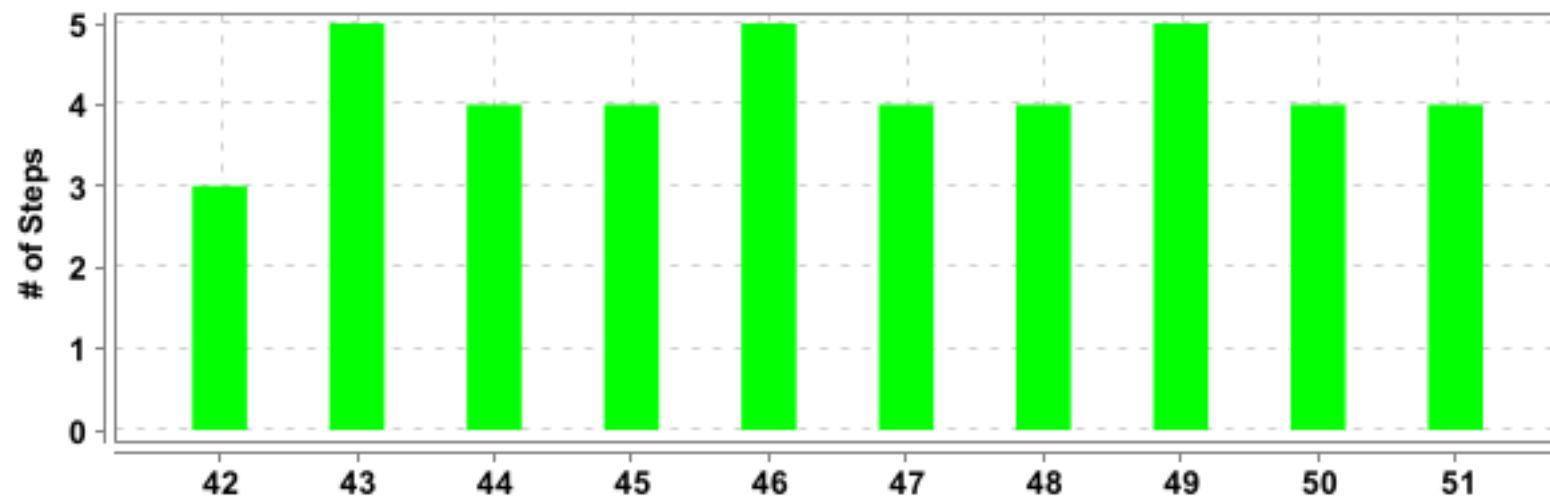
| #  | Feature Name                    | Scenario Name   | T | P | F | S | Duration |
|----|---------------------------------|---|---|---|---|---|----------|
| 24 | <u>Validating Register page</u> | <u>The user is presented with error message for password with only numbers</u>                              | 3 | 3 | 0 | 0 | 1.239 s  |
| 25 |                                 | <u>The user is presented with error message for password too similar to your other personal information</u> | 3 | 3 | 0 | 0 | 0.888 s  |
| 26 |                                 | <u>The user is presented with error message for commonly used password</u>                                  | 3 | 3 | 0 | 0 | 1.130 s  |
| 27 |                                 | <u>The user redirected to Homepage with valid details</u>   | 3 | 3 | 0 | 0 | 1.328 s  |
| 28 |                                 | <u>The user is presented with error message for existing username</u>                                       | 3 | 3 | 0 | 0 | 0.998 s  |
| 29 |                                 | <u>User on login page and login with empty username and valid password</u>                                  | 3 | 3 | 0 | 0 | 0.595 s  |
| 30 |                                 | <u>User on login page and login with valid username and empty password</u>                                  | 3 | 3 | 0 | 0 | 1.190 s  |

| #  | Feature Name | Scenario Name  | T | P | F | S | Duration |
|----|--------------|--|---|---|---|---|----------|
| 31 |              | <u>User on login page and login with invalid username and invalid password</u> | 3 | 3 | 0 | 0 | 0.966 s  |



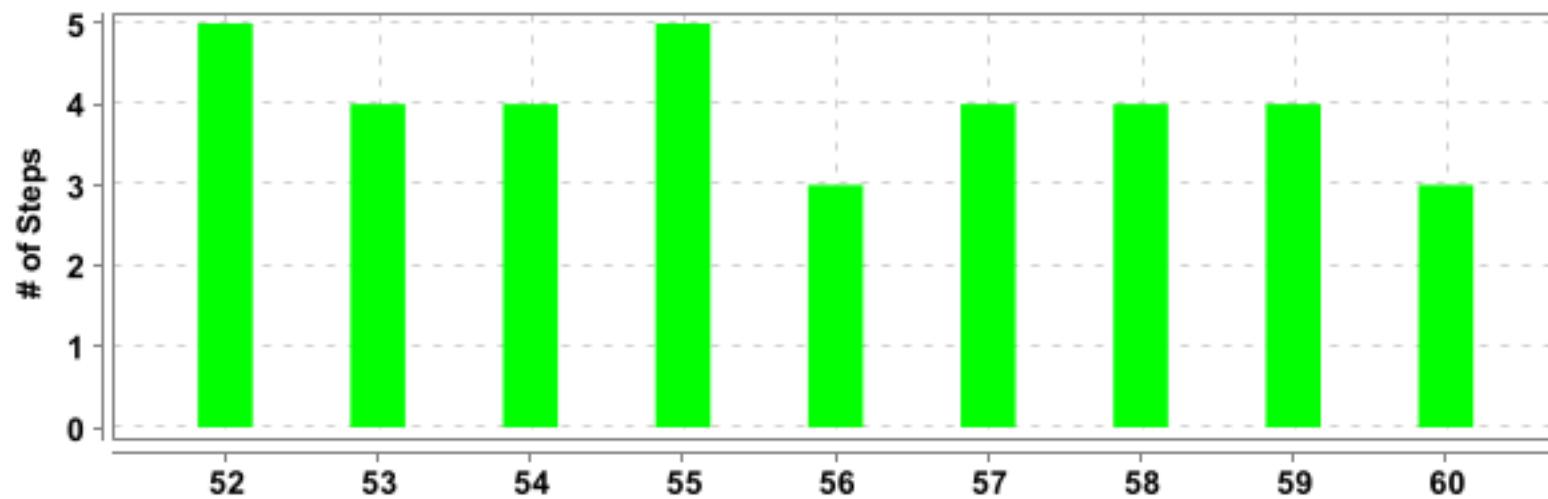
| #  | Feature Name                               | Scenario Name   | T | P | F | S | Duration |
|----|--|---|---|---|---|---|----------|
| 32 | <u>Validating Login page</u>               | <u>User on login page and login with valid username and invalid password</u>              | 3 | 3 | 0 | 0 | 0.784 s  |
| 33 |  | <u>User on login page and login with valid username and valid password</u>                | 3 | 3 | 0 | 0 | 1.104 s  |
| 34 |  | <u>Sign-Out scenario</u>  | 3 | 3 | 0 | 0 | 1.510 s  |
| 35 | <u>DataStructures-Introduction feature</u> | <u>The user is logged in to DS Algo portal</u>  | 4 | 4 | 0 | 0 | 1.117 s  |
| 36 |  | <u>Navigating to DataStructures-Introduction page</u>                                     | 3 | 3 | 0 | 0 | 0.479 s  |
| 37 |  | <u>Navigating DataStructures-Introduction page</u>  | 5 | 5 | 0 | 0 | 1.605 s  |
| 38 |  | <u>The user is able to run code in Editor for Graph page</u>                              | 4 | 4 | 0 | 0 | 1.949 s  |
| 39 |  | <u>The user is presented with error message for invalid code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 1.106 s  |
| 40 |  | <u>The user is able to click and navigate to Practice Questions</u>                       | 3 | 3 | 0 | 0 | 1.466 s  |

| #  | <b>Feature Name</b>  | <b>Scenario Name</b>                           | <i>T</i> | <i>P</i> | <i>F</i> | <i>S</i> | <b>Duration</b> |
|----|----------------------|--|----------|----------|----------|----------|-----------------|
| 41 | <u>Array feature</u> | <u>The user is logged in to DS Algo portal</u> | 4        | 4        | 0        | 0        | 1.101 s         |



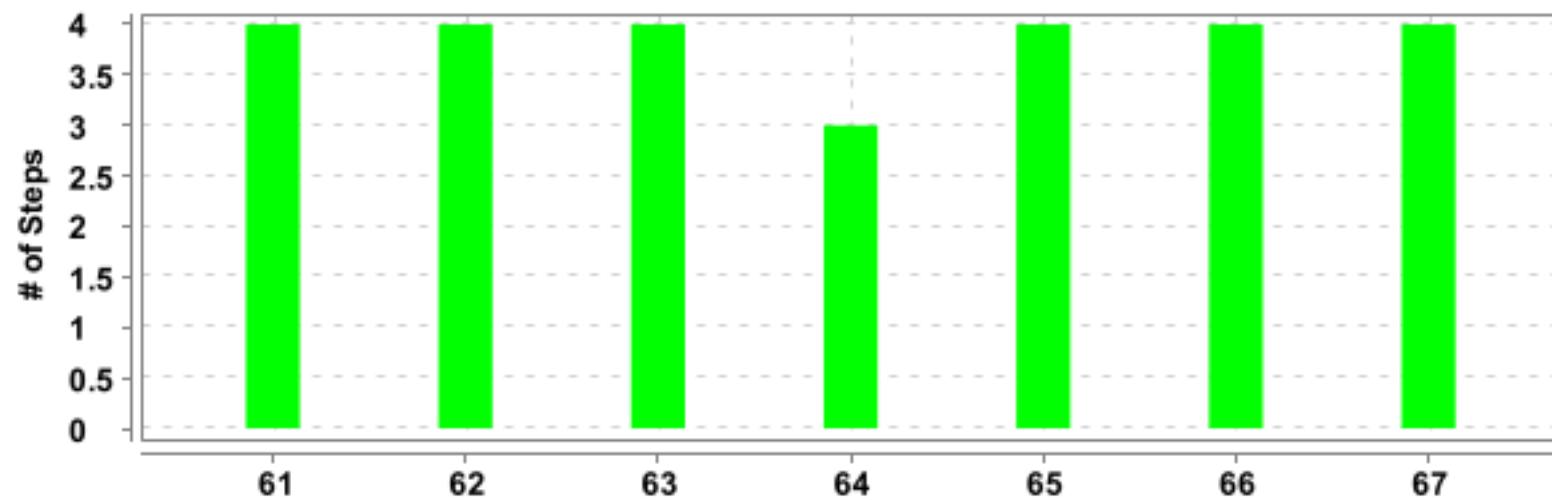
| #  | Feature Name         | Scenario Name   | T | P | F | S | Duration |
|----|----------------------|---|---|---|---|---|----------|
| 42 | <u>Array feature</u> | <u>Navigating to Array page</u>   | 3 | 3 | 0 | 0 | 0.661 s  |
| 43 |                      | <u>Navigating Arrays in Python page</u>   | 5 | 5 | 0 | 0 | 1.912 s  |
| 44 |                      | <u>The user is able to run code in Editor for Graph page</u>                              | 4 | 4 | 0 | 0 | 0.774 s  |
| 45 |                      | <u>The user is presented with error message for invalid code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.756 s  |
| 46 |                      | <u>Navigating Arrays Using List page</u>  | 5 | 5 | 0 | 0 | 1.847 s  |
| 47 |                      | <u>The user is able to run code in Editor for Graph page</u>                              | 4 | 4 | 0 | 0 | 1.310 s  |
| 48 |                      | <u>The user is presented with error message for invalid code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.662 s  |
| 49 |                      | <u>Navigating Basic Operations in Lists page</u>  | 5 | 5 | 0 | 0 | 1.489 s  |
| 50 |                      | <u>The user is able to run code in Editor for Graph page</u>                              | 4 | 4 | 0 | 0 | 0.766 s  |

| #  | <b>Feature Name</b> | <b>Scenario Name</b>   | <b>T</b> | <b>P</b> | <b>F</b> | <b>S</b> | <b>Duration</b> |
|----|---------------------|--|----------|----------|----------|----------|-----------------|
| 51 |                     | <u><i>The user is presented with error message for invalid code in Editor for Graph page</i></u> | 4        | 4        | 0        | 0        | 0.524 s         |



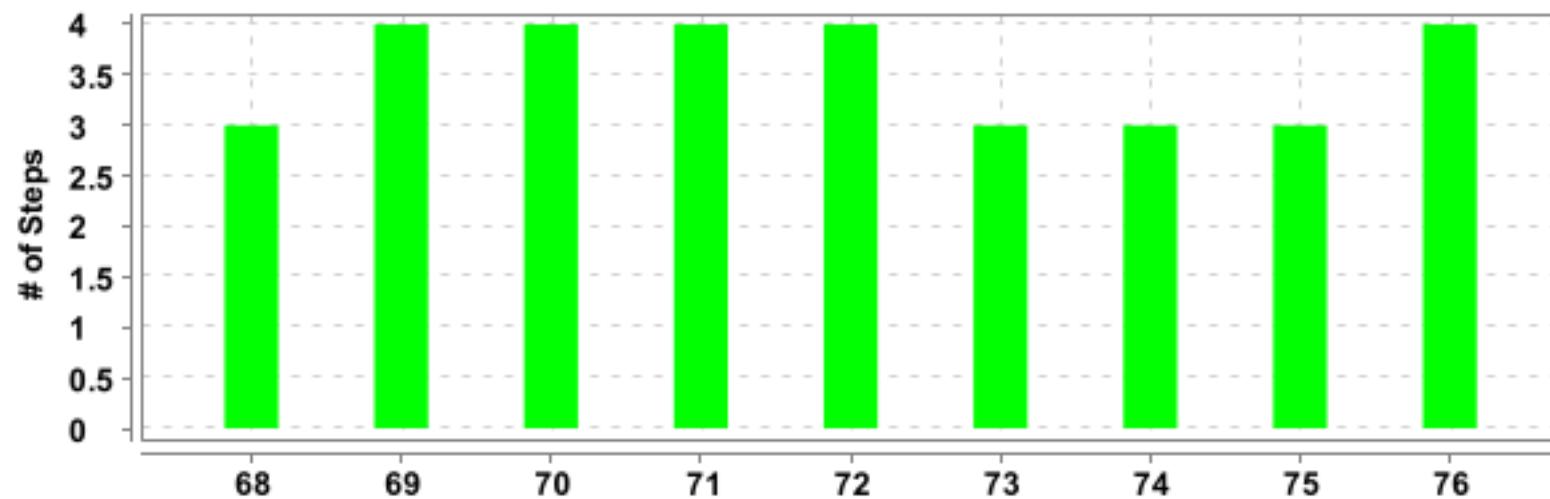
| #  | Feature Name         | Scenario Name   | T | P | F | S | Duration |
|----|----------------------|---|---|---|---|---|----------|
| 52 | <u>Array feature</u> | <u>Navigating Applications of Array page</u>  | 5 | 5 | 0 | 0 | 0.924 s  |
| 53 |                      | <u>The user is able to run code in Editor for Graph page</u>  | 4 | 4 | 0 | 0 | 0.646 s  |
| 54 |                      | <u>The user is presented with error message for invalid code in Editor for Graph page</u>                           | 4 | 4 | 0 | 0 | 0.511 s  |
| 55 |                      | <u>Navigating to Practice Questions page</u>  | 5 | 5 | 0 | 0 | 0.906 s  |
| 56 |                      | <u>The user is able to navigate to Question page from Search the array link</u>                                     | 3 | 3 | 0 | 0 | 0.552 s  |
| 57 |                      | <u>The user is able to run code in tryEditor for Search the array link</u>  | 4 | 4 | 0 | 0 | 2.677 s  |
| 58 |                      | <u>The user is able to submit code in tryEditor for Search the array link</u>                                       | 4 | 4 | 0 | 0 | 2.302 s  |
| 59 |                      | <u>The user is presented with error message for code with invalid syntax in tryEditor for Search the array link</u> | 4 | 4 | 0 | 0 | 0.554 s  |

| #  | Feature Name | Scenario Name  | T | P | F | S | Duration |
|----|--------------|--|---|---|---|---|----------|
| 60 |              | <u>The user is able to navigate to Question page from Max Consecutive Ones</u> | 3 | 3 | 0 | 0 | 0.455 s  |



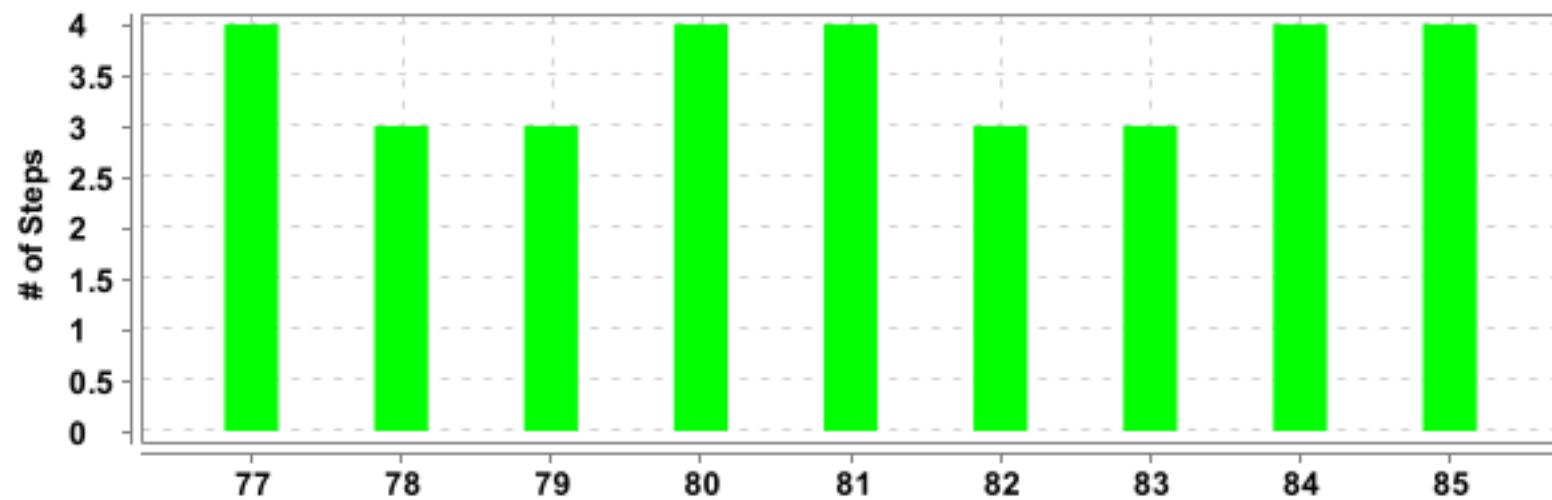
| #  | Feature Name         | Scenario Name  | T | P | F | S | Duration |
|----|----------------------|--|---|---|---|---|----------|
| 61 | <u>Array feature</u> | <u>The user is able to run code in tryEditor for Max Consecutive Ones</u>  | 4 | 4 | 0 | 0 | 2.166 s  |
| 62 |                      | <u>The user is able to submit code in tryEditor for Max Consecutive Ones</u>   | 4 | 4 | 0 | 0 | 2.634 s  |
| 63 |                      | <u>The user is presented with error message for invalid code in tryEditor for Max Consecutive Ones</u>                 | 4 | 4 | 0 | 0 | 0.443 s  |
| 64 |                      | <u>The user is able to navigate to Question page from Find Numbers with Even Number of Digits</u>                      | 3 | 3 | 0 | 0 | 0.388 s  |
| 65 |                      | <u>The user is able to run code in tryEditor for Find Numbers with Even Number of Digits</u>                           | 4 | 4 | 0 | 0 | 1.740 s  |
| 66 |                      | <u>The user is able to submit code in tryEditor for Find Numbers with Even Number of Digits</u>                        | 4 | 4 | 0 | 0 | 2.287 s  |
| 67 |                      | <u>The user is presented with error message for code with invalid syntax in tryEditor for Find Numbers with Even *</u> | 4 | 4 | 0 | 0 | 0.604 s  |

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



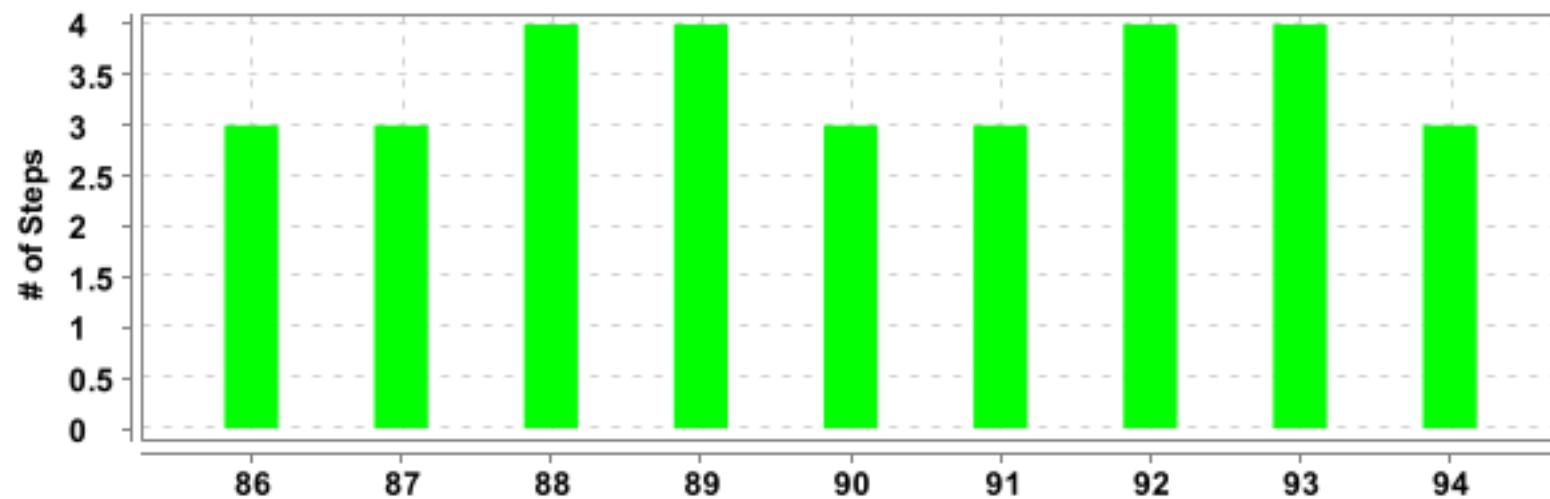
| #  | Feature Name                   | Scenario Name   | T | P | F | S | Duration |
|----|--------------------------------|---|---|---|---|---|----------|
| 68 | <u>Array feature</u>           | <u>The user is able to navigate to Question page from Squares of a Sorted Array</u>                                     | 3 | 3 | 0 | 0 | 0.532 s  |
| 69 |                                | <u>The user is able to run code in tryEditor for Squares of a Sorted Array</u>  | 4 | 4 | 0 | 0 | 2.964 s  |
| 70 |                                | <u>The user is able to submit code in tryEditor for Squares of a Sorted Array</u>                                       | 4 | 4 | 0 | 0 | 2.674 s  |
| 71 |                                | <u>The user is presented with error message for code with invalid syntax in tryEditor for Squares of a Sorted Array</u> | 4 | 4 | 0 | 0 | 0.545 s  |
| 72 | <u>Testing LinkedList page</u> | <u>The user is logged in to DS Algo portal</u>  | 4 | 4 | 0 | 0 | 0.880 s  |
| 73 |                                | <u>User navigated to "linked list" page</u>   | 3 | 3 | 0 | 0 | 0.084 s  |
| 74 |                                | <u>User navigated to "Introduction" page</u>  | 3 | 3 | 0 | 0 | 0.660 s  |
| 75 |                                | <u>User navigated to tryEditor page with Run button from Introduction page</u>  | 3 | 3 | 0 | 0 | 0.601 s  |

| #  | <b>Feature Name</b> | <b>Scenario Name</b>  | <i>T</i> | <i>P</i> | <i>F</i> | <i>S</i> | <b>Duration</b> |
|----|---------------------|---|----------|----------|----------|----------|-----------------|
| 76 |                     | <u><i>The user is able to run code in Editor for Graph page</i></u> | 4        | 4        | 0        | 0        | 1.053 s         |

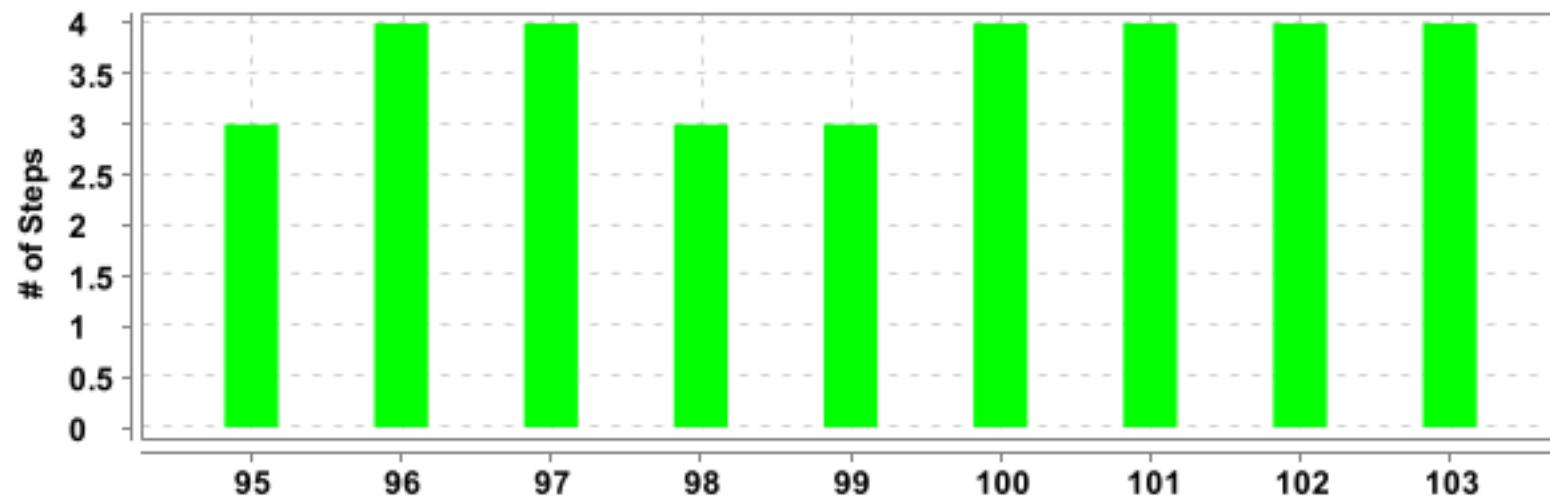


| #  | Feature Name                            | Scenario Name   | T | P | F | S | Duration |
|----|---|---|---|---|---|---|----------|
| 77 | <a href="#">Testing LinkedList page</a> | <a href="#"><u>The user is presented with error message for invalid code in Editor for Graph page</u></a> | 4 | 4 | 0 | 0 | 0.589 s  |
| 78 |   | <a href="#"><u>User navigated to "creating linked list" page</u></a>                                      | 3 | 3 | 0 | 0 | 0.504 s  |
| 79 |   | <a href="#"><u>User navigated to tryEditor page with Run button from Creating a Linked List page</u></a>  | 3 | 3 | 0 | 0 | 0.432 s  |
| 80 |   | <a href="#"><u>The user is able to run code in Editor for Graph page</u></a>                              | 4 | 4 | 0 | 0 | 0.791 s  |
| 81 |   | <a href="#"><u>The user is presented with error message for invalid code in Editor for Graph page</u></a> | 4 | 4 | 0 | 0 | 0.576 s  |
| 82 |   | <a href="#"><u>User navigated to "Types of linked list" page</u></a>                                      | 3 | 3 | 0 | 0 | 0.559 s  |
| 83 |   | <a href="#"><u>User navigated to tryEditor page with Run button from Types of Linked List</u></a>         | 3 | 3 | 0 | 0 | 0.447 s  |
| 84 |   | <a href="#"><u>The user is able to run code in Editor for Graph page</u></a>                              | 4 | 4 | 0 | 0 | 0.616 s  |

| #  | <b>Feature Name</b> | <b>Scenario Name</b>   | <b>T</b> | <b>P</b> | <b>F</b> | <b>S</b> | <b>Duration</b> |
|----|---------------------|--|----------|----------|----------|----------|-----------------|
| 85 |                     | <u><i>The user is presented with error message for invalid code in Editor for Graph page</i></u> | 4        | 4        | 0        | 0        | 0.522 s         |

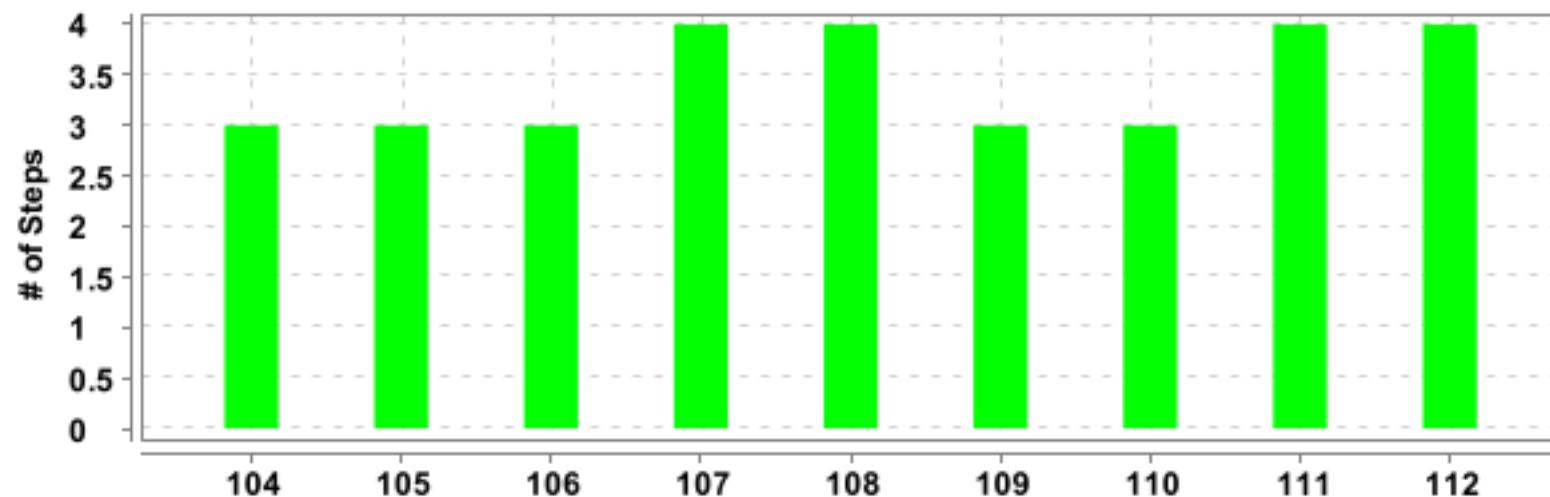


| #  | Feature Name                            | Scenario Name  | T | P | F | S | Duration |
|----|---|--|---|---|---|---|----------|
| 86 | <a href="#">Testing LinkedList page</a> | <a href="#">user navigated to "Implementation linked list in python" page</a>                              | 3 | 3 | 0 | 0 | 0.466 s  |
| 87 |   | <a href="#">User navigated to tryEditor page with Run button from Implement Linked List in Python page</a> | 3 | 3 | 0 | 0 | 0.391 s  |
| 88 |   | <a href="#">The user is able to run code in Editor for Graph page</a>                                      | 4 | 4 | 0 | 0 | 0.714 s  |
| 89 |   | <a href="#">The user is presented with error message for invalid code in Editor for Graph page</a>         | 4 | 4 | 0 | 0 | 0.556 s  |
| 90 |   | <a href="#">user navigated to "Traversal" page</a>   | 3 | 3 | 0 | 0 | 0.526 s  |
| 91 |   | <a href="#">User navigated to tryEditor page with Run button from Traversal page</a>                       | 3 | 3 | 0 | 0 | 0.464 s  |
| 92 |   | <a href="#">The user is able to run code in Editor for Graph page</a>                                      | 4 | 4 | 0 | 0 | 0.717 s  |
| 93 |   | <a href="#">The user is presented with error message for invalid code in Editor for Graph page</a>         | 4 | 4 | 0 | 0 | 0.620 s  |
| 94 |   | <a href="#">user navigated to "Insertion" page</a>   | 3 | 3 | 0 | 0 | 0.498 s  |



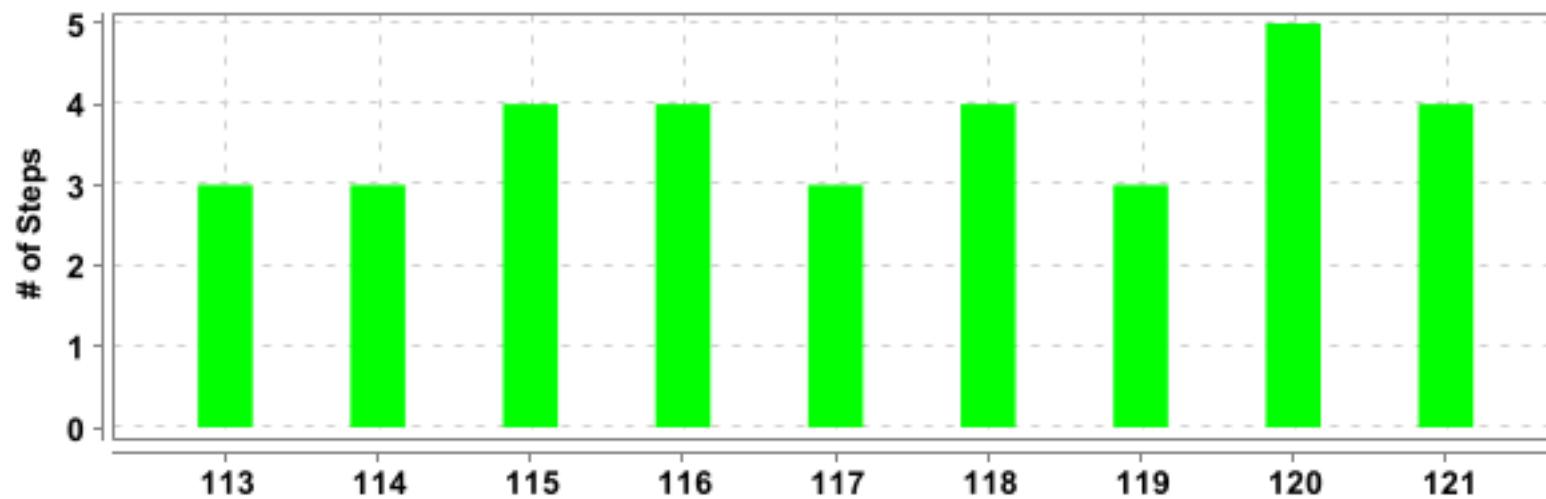
| #    | Feature Name                   | Scenario Name   | T | P | F | S | Duration |
|------|--------------------------------|---|---|---|---|---|----------|
| 95   | <u>Testing LinkedList page</u> | <u>User navigated to tryEditor page with Run button from Insertion page</u>               | 3 | 3 | 0 | 0 | 0.411 s  |
| 96   |                                | <u>The user is able to run code in Editor for Graph page</u>                              | 4 | 4 | 0 | 0 | 0.587 s  |
| 97   |                                | <u>The user is presented with error message for invalid code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.479 s  |
| 98   |                                | <u>user navigated to "Deletion" page</u>  | 3 | 3 | 0 | 0 | 0.458 s  |
| 99   |                                | <u>User navigated to tryEditor page with Run button from Deletion page</u>                | 3 | 3 | 0 | 0 | 0.409 s  |
| 10-0 |                                | <u>The user is able to run code in Editor for Graph page</u>                              | 4 | 4 | 0 | 0 | 0.600 s  |
| 10-1 |                                | <u>The user is presented with error message for invalid code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.494 s  |
| 10-2 |                                | <u>The user validating "Practice Questions" page</u>                                      | 4 | 4 | 0 | 0 | 0.676 s  |

| #    | <b>Feature Name</b>   | <b>Scenario Name</b>                           | <b>T</b> | <b>P</b> | <b>F</b> | <b>S</b> | <b>Duration</b> |
|------|---|--|----------|----------|----------|----------|-----------------|
| 10-3 | <u>Stack: Launch the DS-Algo portal and test Stack module</u> | <u>The user is logged in to DS Algo portal</u> | 4        | 4        | 0        | 0        | 0.818 s         |



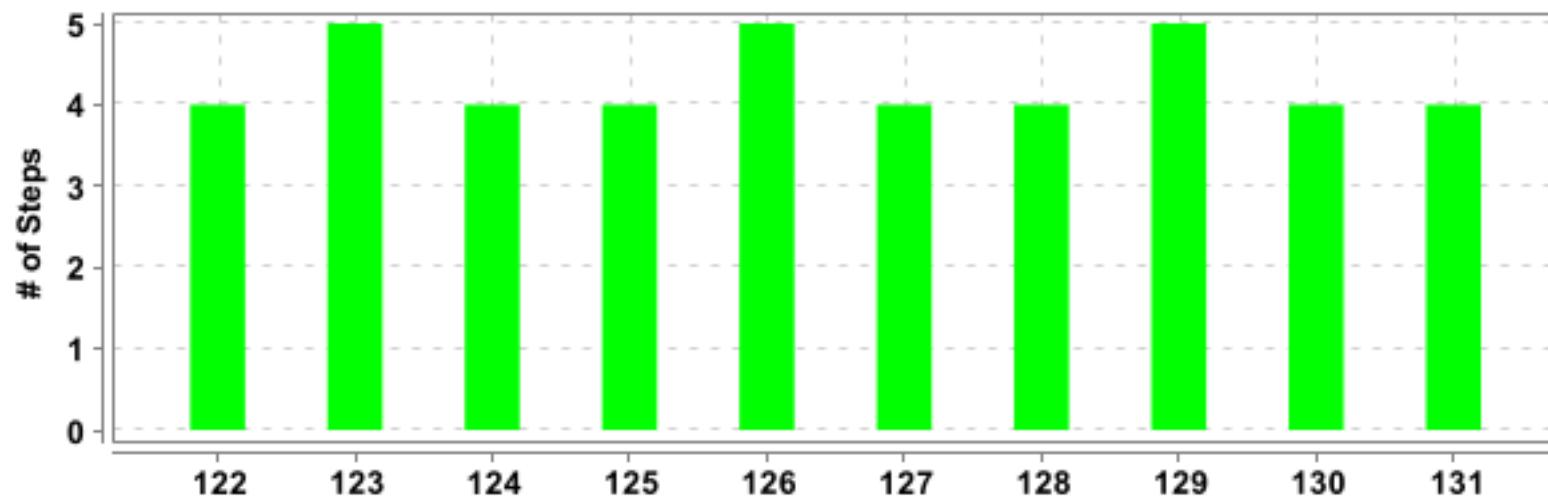
| #    | Feature Name  | Scenario Name   | T | P | F | S | Duration |
|------|---|---|---|---|---|---|----------|
| 10-4 | <u>Stack: Luanch the DS-Algo portal and test Stack module</u> | <u>The user is directed to "Stack" Page</u>   | 3 | 3 | 0 | 0 | 0.511 s  |
| 10-5 |   | <u>The user is able to navigate to "Operations in Stack" page</u>                               | 3 | 3 | 0 | 0 | 0.519 s  |
| 10-6 |   | <u>The user is able to navigate to a page having an tryEditor from Operations in Stack page</u> | 3 | 3 | 0 | 0 | 0.497 s  |
| 10-7 |   | <u>The user is able to run code in Editor for Graph page</u>                                    | 4 | 4 | 0 | 0 | 0.679 s  |
| 10-8 |   | <u>The user is presented with error message for invalid code in Editor for Graph page</u>       | 4 | 4 | 0 | 0 | 0.470 s  |
| 10-9 |   | <u>The user is able to navigate to "Implementation" Page</u>                                    | 3 | 3 | 0 | 0 | 0.442 s  |
| 11-0 |   | <u>The user is able to navigate to Implementation page having an tryEditor</u>                  | 3 | 3 | 0 | 0 | 0.347 s  |
| 11-1 |   | <u>The user is able to run code in Editor for Graph page</u>                                    | 4 | 4 | 0 | 0 | 0.579 s  |

| #    | <b>Feature Name</b> | <b>Scenario Name</b>   | <b>T</b> | <b>P</b> | <b>F</b> | <b>S</b> | <b>Duration</b> |
|------|---------------------|--|----------|----------|----------|----------|-----------------|
| 11-2 |                     | <u><i>The user is presented with error message for invalid code in Editor for Graph page</i></u> | 4        | 4        | 0        | 0        | 0.487 s         |



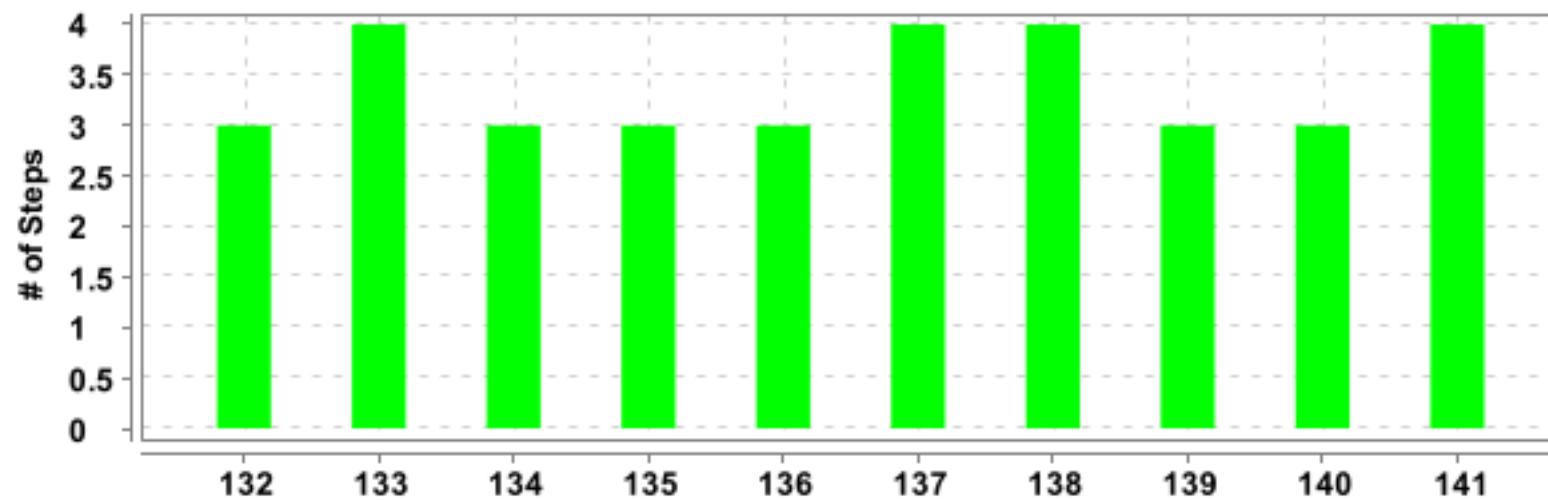
| #    | Feature Name  | Scenario Name   | T | P | F | S | Duration |
|------|---|---|---|---|---|---|----------|
| 11-3 | <u>Stack: Luanch the DS-Algo portal and test Stack module</u> | <u>The user is able to navigate to "Applications" in stack Page</u>                       | 3 | 3 | 0 | 0 | 0.417 s  |
| 11-4 |   | <u>The user is able to navigate to Applications page having an tryEditor</u>              | 3 | 3 | 0 | 0 | 0.351 s  |
| 11-5 |   | <u>The user is able to run code in Editor for Graph page</u>                              | 4 | 4 | 0 | 0 | 0.579 s  |
| 11-6 |   | <u>The user is presented with error message for invalid code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.517 s  |
| 11-7 |   | <u>The user is able to navigate to "Practice Questions" in stack Page</u>                 | 3 | 3 | 0 | 0 | 0.610 s  |
| 11-8 | <u>Queue feature</u>  | <u>The user is logged in to DS Algo portal</u>  | 4 | 4 | 0 | 0 | 0.712 s  |
| 11-9 |   | <u>Navigating to Queue page</u>   | 3 | 3 | 0 | 0 | 0.403 s  |
| 12-0 |   | <u>Navigating Implementation of Queue in Python page</u>                                  | 5 | 5 | 0 | 0 | 0.920 s  |

| #    | <b>Feature Name</b> | <b>Scenario Name</b>   | <b>T</b> | <b>P</b> | <b>F</b> | <b>S</b> | <b>Duration</b> |
|------|---------------------|--|----------|----------|----------|----------|-----------------|
| 12-1 |                     | <u><a href="#">The user is able to run code in Editor for Graph page</a></u> | 4        | 4        | 0        | 0        | 0.621 s         |



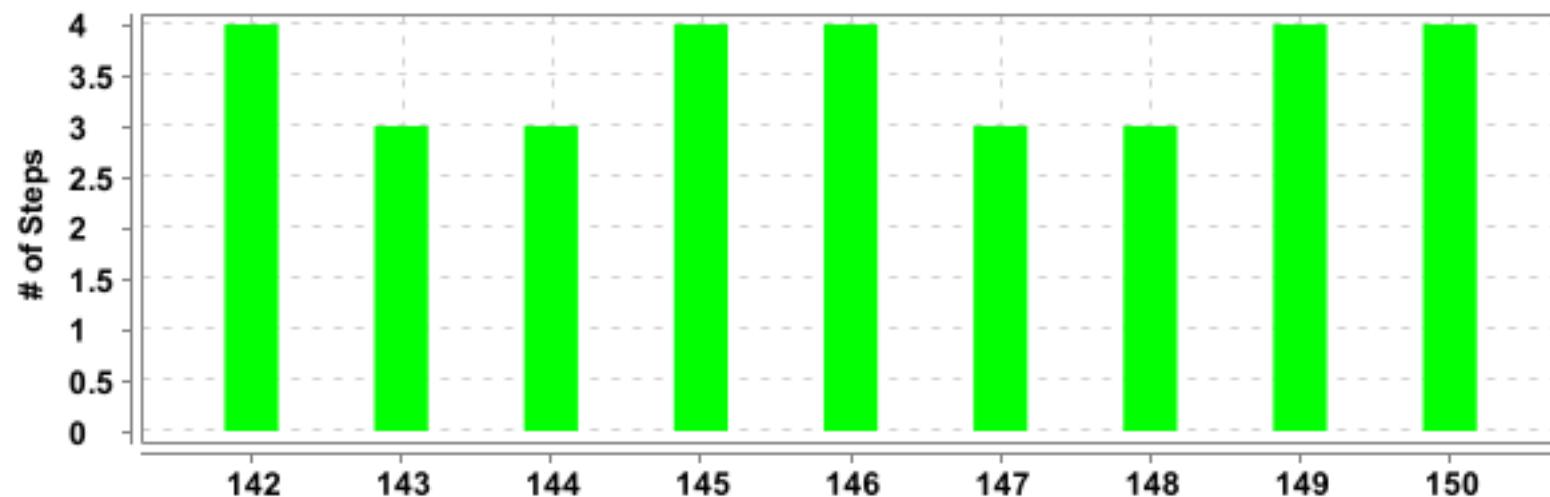
| #    | Feature Name         | Scenario Name   | T | P | F | S | Duration |
|------|----------------------|---|---|---|---|---|----------|
| 12-2 | <u>Queue feature</u> | <u>The user is presented with error message for invalid code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.628 s  |
| 12-3 |                      | <u>Navigating Implementation using collections.dequeue page</u>                           | 5 | 5 | 0 | 0 | 1.200 s  |
| 12-4 |                      | <u>The user is able to run code in Editor for Graph page</u>                              | 4 | 4 | 0 | 0 | 0.761 s  |
| 12-5 |                      | <u>The user is presented with error message for invalid code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.611 s  |
| 12-6 |                      | <u>Navigating Implementation using array page</u>   | 5 | 5 | 0 | 0 | 1.233 s  |
| 12-7 |                      | <u>The user is able to run code in Editor for Graph page</u>                              | 4 | 4 | 0 | 0 | 0.741 s  |
| 12-8 |                      | <u>The user is presented with error message for invalid code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.480 s  |
| 12-9 |                      | <u>Navigating Queue Operations page</u>   | 5 | 5 | 0 | 0 | 0.868 s  |

| #    | <b>Feature Name</b> | <b>Scenario Name</b>  | <b>T</b> | <b>P</b> | <b>F</b> | <b>S</b> | <b>Duration</b> |
|------|---------------------|---|----------|----------|----------|----------|-----------------|
| 13-0 |                     | <u>The user is able to run code in Editor for Graph page</u>                              | 4        | 4        | 0        | 0        | 0.575 s         |
| 13-1 |                     | <u>The user is presented with error message for invalid code in Editor for Graph page</u> | 4        | 4        | 0        | 0        | 0.489 s         |



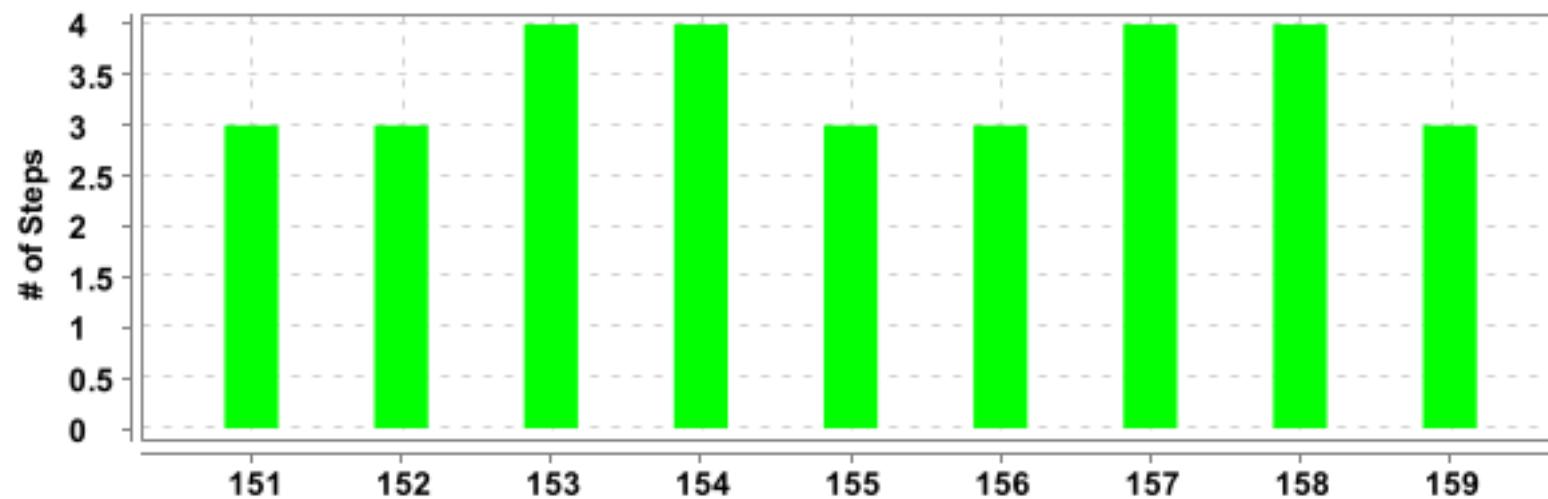
| #    | Feature Name   | Scenario Name   | T | P | F | S | Duration |
|------|--|---|---|---|---|---|----------|
| 13-2 | <u>Queue feature</u>                                       | <u>The user is able to click and navigate to Practice Questions</u>                           | 3 | 3 | 0 | 0 | 0.467 s  |
| 13-3 | <u>User tests the Tree page on the Ds algo application</u> | <u>The user is logged in to DS Algo portal</u>  | 4 | 4 | 0 | 0 | 0.691 s  |
| 13-4 |  | <u>The user is directed to "Tree" Page</u>  | 3 | 3 | 0 | 0 | 1.404 s  |
| 13-5 |  | <u>The user is able to navigate to "Overview of Trees" page</u>                               | 3 | 3 | 0 | 0 | 0.526 s  |
| 13-6 |  | <u>The user is able to navigate to a page having an tryEditor from Overview of Trees page</u> | 3 | 3 | 0 | 0 | 0.526 s  |
| 13-7 |  | <u>The user is able to run code in Editor for Graph page</u>                                  | 4 | 4 | 0 | 0 | 0.609 s  |
| 13-8 |  | <u>The user is presented with error message for invalid code in Editor for Graph page</u>     | 4 | 4 | 0 | 0 | 0.501 s  |
| 13-9 |  | <u>The user is able to navigate to "Terminologies" Page</u>                                   | 3 | 3 | 0 | 0 | 0.531 s  |

| #    | <b>Feature Name</b> | <b>Scenario Name</b>   | <b>T</b> | <b>P</b> | <b>F</b> | <b>S</b> | <b>Duration</b> |
|------|---------------------|--|----------|----------|----------|----------|-----------------|
| 14-0 |                     | <u><i>The user is able to navigate to Terminologies page having an tryEditor</i></u> | 3        | 3        | 0        | 0        | 0.387 s         |
| 14-1 |                     | <u><i>The user is able to run code in Editor for Graph page</i></u>                  | 4        | 4        | 0        | 0        | 0.587 s         |



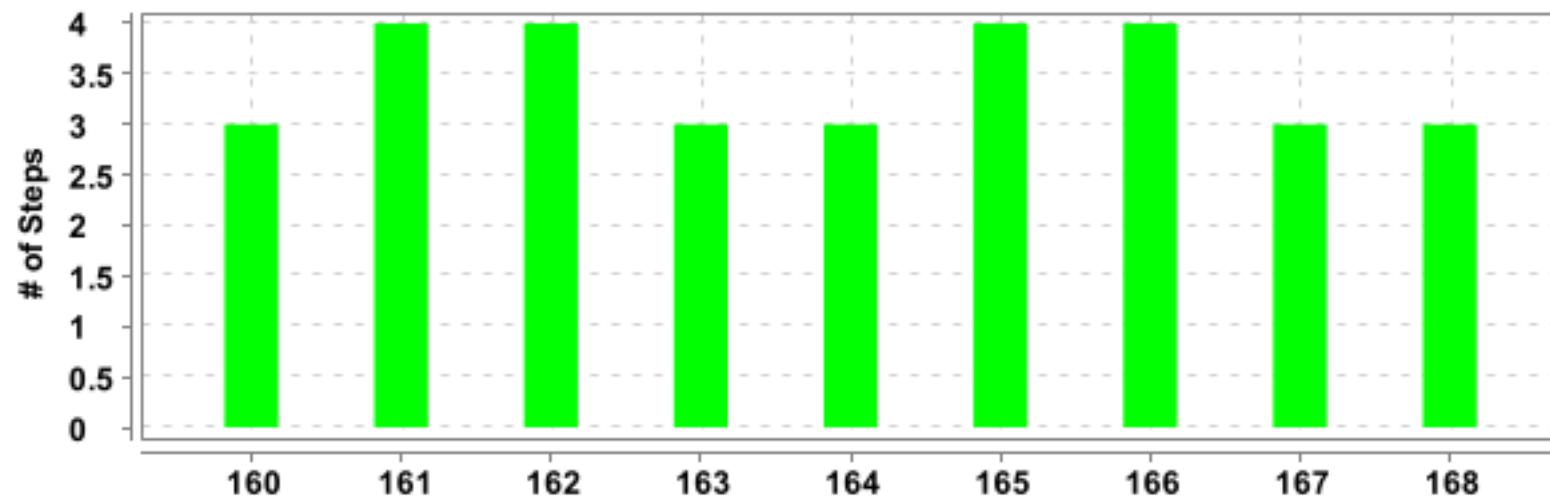
| #    | Feature Name   | Scenario Name   | T | P | F | S | Duration |
|------|--|---|---|---|---|---|----------|
| 14-2 | <u>User tests the Tree page on the Ds algo application</u> | <u>The user is presented with error message for invalid code in Editor for Graph page</u>   | 4 | 4 | 0 | 0 | 0.465 s  |
| 14-3 |  | <u>The user is able to navigate to "Types of Trees" Page</u>                                | 3 | 3 | 0 | 0 | 0.489 s  |
| 14-4 |  | <u>The user is able to navigate to a page having an tryEditor from Types of Trees page</u>  | 3 | 3 | 0 | 0 | 0.399 s  |
| 14-5 |  | <u>The user is able to run code in Editor for Graph page</u>                                | 4 | 4 | 0 | 0 | 0.745 s  |
| 14-6 |  | <u>The user is presented with error message for invalid code in Editor for Graph page</u>   | 4 | 4 | 0 | 0 | 0.710 s  |
| 14-7 |  | <u>The user is able to navigate to "Tree Traversals" Page</u>                               | 3 | 3 | 0 | 0 | 0.583 s  |
| 14-8 |  | <u>The user is able to navigate to a page having an tryEditor from Tree Traversals Page</u> | 3 | 3 | 0 | 0 | 0.438 s  |
| 14-9 |  | <u>The user is able to run code in Editor for Graph page</u>                                | 4 | 4 | 0 | 0 | 0.747 s  |

| #    | <b>Feature Name</b> | <b>Scenario Name</b>   | <b>T</b> | <b>P</b> | <b>F</b> | <b>S</b> | <b>Duration</b> |
|------|---------------------|--|----------|----------|----------|----------|-----------------|
| 15-0 |                     | <u><i>The user is presented with error message for invalid code in Editor for Graph page</i></u> | 4        | 4        | 0        | 0        | 0.551 s         |



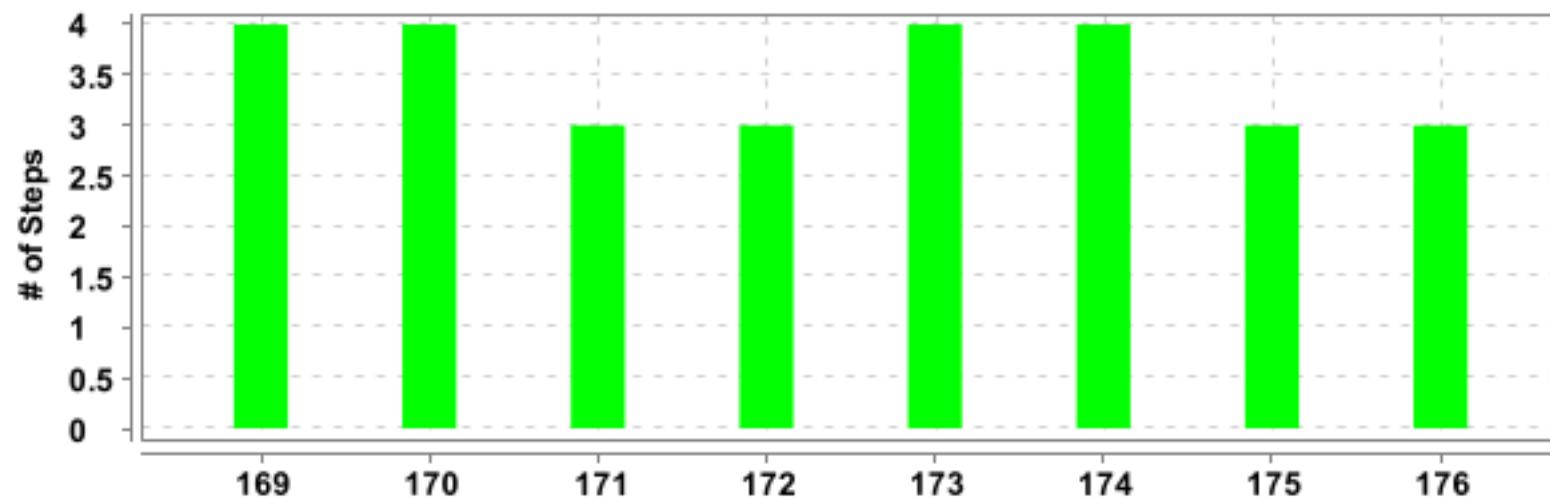
| #    | Feature Name   | Scenario Name   | T | P | F | S | Duration |
|------|--|---|---|---|---|---|----------|
| 15-1 | <u>User tests the Tree page on the Ds algo application</u> | <u>The user is able to navigate to "Traversals illustration" Page</u>                               | 3 | 3 | 0 | 0 | 0.568 s  |
| 15-2 |  | <u>The user is able to navigate to a page having an tryEditor from Traversals-Illustration Page</u> | 3 | 3 | 0 | 0 | 0.414 s  |
| 15-3 |  | <u>The user is able to run code in Editor for Graph page</u>  | 4 | 4 | 0 | 0 | 0.632 s  |
| 15-4 |  | <u>The user is presented with error message for invalid code in Editor for Graph page</u>           | 4 | 4 | 0 | 0 | 0.433 s  |
| 15-5 |  | <u>The user is able to navigate to "Binary trees" Page</u>  | 3 | 3 | 0 | 0 | 0.529 s  |
| 15-6 |  | <u>The user is able to navigate to a page having an tryEditor from Binary Trees Page</u>            | 3 | 3 | 0 | 0 | 0.420 s  |
| 15-7 |  | <u>The user is able to run code in Editor for Graph page</u>  | 4 | 4 | 0 | 0 | 0.594 s  |

| #    | <b>Feature Name</b> | <b>Scenario Name</b>   | <b>T</b> | <b>P</b> | <b>F</b> | <b>S</b> | <b>Duration</b> |
|------|---------------------|--|----------|----------|----------|----------|-----------------|
| 15-8 |                     | <u><i>The user is presented with error message for invalid code in Editor for Graph page</i></u> | 4        | 4        | 0        | 0        | 0.454 s         |
| 15-9 |                     | <u><i>The user is able to navigate to "Types of Binary trees" Page</i></u>                       | 3        | 3        | 0        | 0        | 0.667 s         |



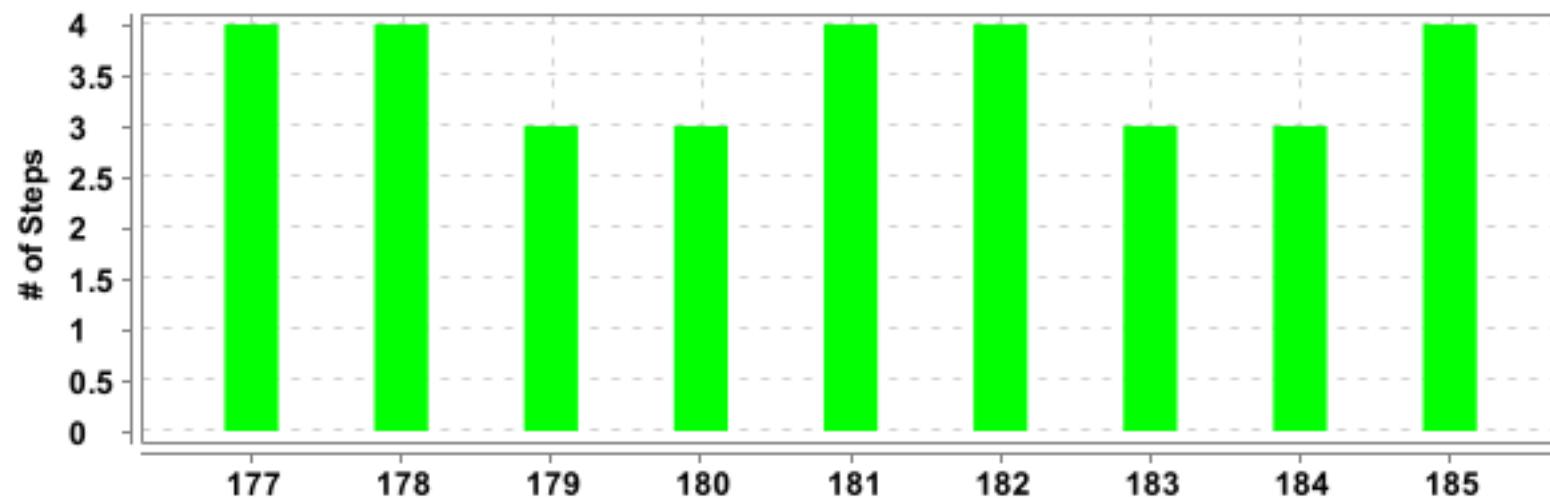
| #    | Feature Name   | Scenario Name  | T | P | F | S | Duration |
|------|--|--|---|---|---|---|----------|
| 16-0 | <u>User tests the Tree page on the Ds algo application</u> | <u>The user is able to navigate to a page having an tryEditor from Types of Binary Trees Page</u>    | 3 | 3 | 0 | 0 | 0.498 s  |
| 16-1 |  | <u>The user is able to run code in Editor for Graph page</u>   | 4 | 4 | 0 | 0 | 0.785 s  |
| 16-2 |  | <u>The user is presented with error message for invalid code in Editor for Graph page</u>            | 4 | 4 | 0 | 0 | 0.638 s  |
| 16-3 |  | <u>The user is able to navigate to Implementation in Python Page</u>                                 | 3 | 3 | 0 | 0 | 0.594 s  |
| 16-4 |  | <u>The user is able to navigate to a page having an tryEditor from Implementation in Python Page</u> | 3 | 3 | 0 | 0 | 0.385 s  |
| 16-5 |  | <u>The user is able to run code in Editor for Graph page</u>   | 4 | 4 | 0 | 0 | 0.551 s  |
| 16-6 |  | <u>The user is presented with error message for invalid code in Editor for Graph page</u>            | 4 | 4 | 0 | 0 | 0.500 s  |

| #    | <b>Feature Name</b> | <b>Scenario Name</b>  | <b>T</b> | <b>P</b> | <b>F</b> | <b>S</b> | <b>Duration</b> |
|------|---------------------|---|----------|----------|----------|----------|-----------------|
| 16-7 |                     | <u><i>The user is able to navigate to binary tree traversals Page</i></u>                                 | 3        | 3        | 0        | 0        | 0.528 s         |
| 16-8 |                     | <u><i>The user is able to navigate to a page having an tryEditor from Binary Tree Traversals page</i></u> | 3        | 3        | 0        | 0        | 0.403 s         |



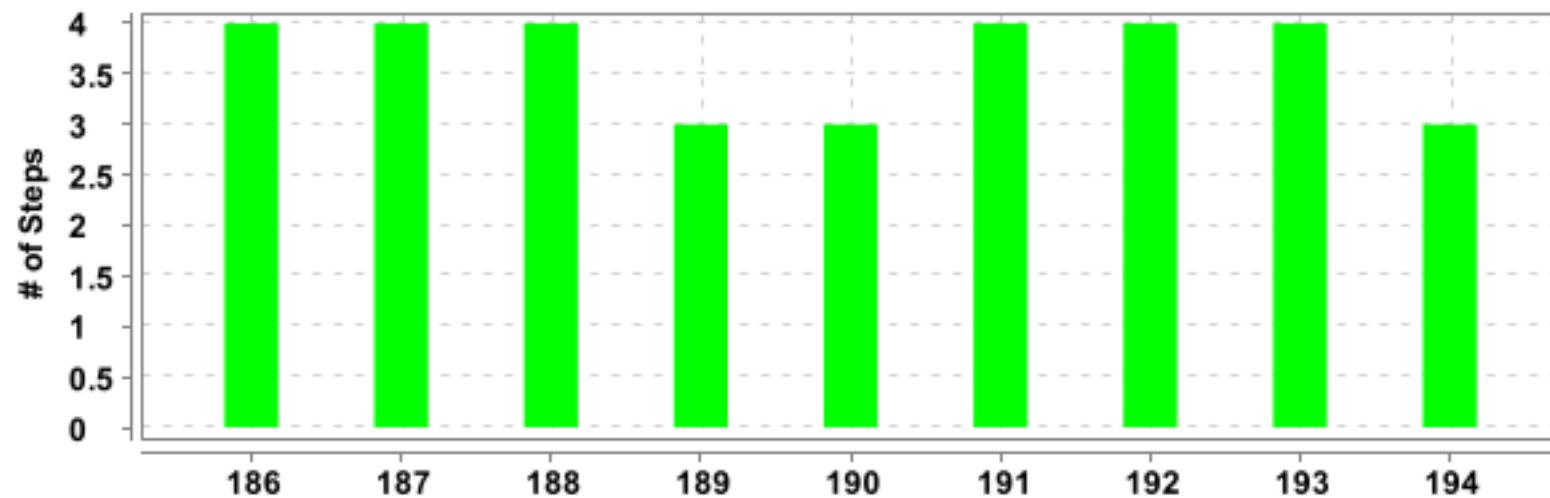
| #    | Feature Name   | Scenario Name  | T | P | F | S | Duration |
|------|--|--|---|---|---|---|----------|
| 16-9 | <u>User tests the Tree page on the Ds algo application</u> | <u>The user is able to run code in Editor for Graph page</u>   | 4 | 4 | 0 | 0 | 0.654 s  |
| 17-0 |  | <u>The user is presented with error message for invalid code in Editor for Graph page</u>                  | 4 | 4 | 0 | 0 | 0.485 s  |
| 17-1 |  | <u>The user is able to navigate to Implementation of Binary Trees Page</u>                                 | 3 | 3 | 0 | 0 | 0.522 s  |
| 17-2 |  | <u>The user is able to navigate to a page having an tryEditor from Implementation of Binary Trees Page</u> | 3 | 3 | 0 | 0 | 0.387 s  |
| 17-3 |  | <u>The user is able to run code in Editor for Graph page</u>   | 4 | 4 | 0 | 0 | 0.721 s  |
| 17-4 |  | <u>The user is presented with error message for invalid code in Editor for Graph page</u>                  | 4 | 4 | 0 | 0 | 0.616 s  |
| 17-5 |  | <u>The user is able to navigate to Applications of Binary Trees Page</u>                                   | 3 | 3 | 0 | 0 | 0.596 s  |

| #    | <b>Feature Name</b> | <b>Scenario Name</b>   | <b>T</b> | <b>P</b> | <b>F</b> | <b>S</b> | <b>Duration</b> |
|------|---------------------|--|----------|----------|----------|----------|-----------------|
| 17-6 |                     | <u><a href="#">The user is able to navigate to a page having an tryEditor from Applications of Binary trees Page</a></u> | 3        | 3        | 0        | 0        | 0.459 s         |



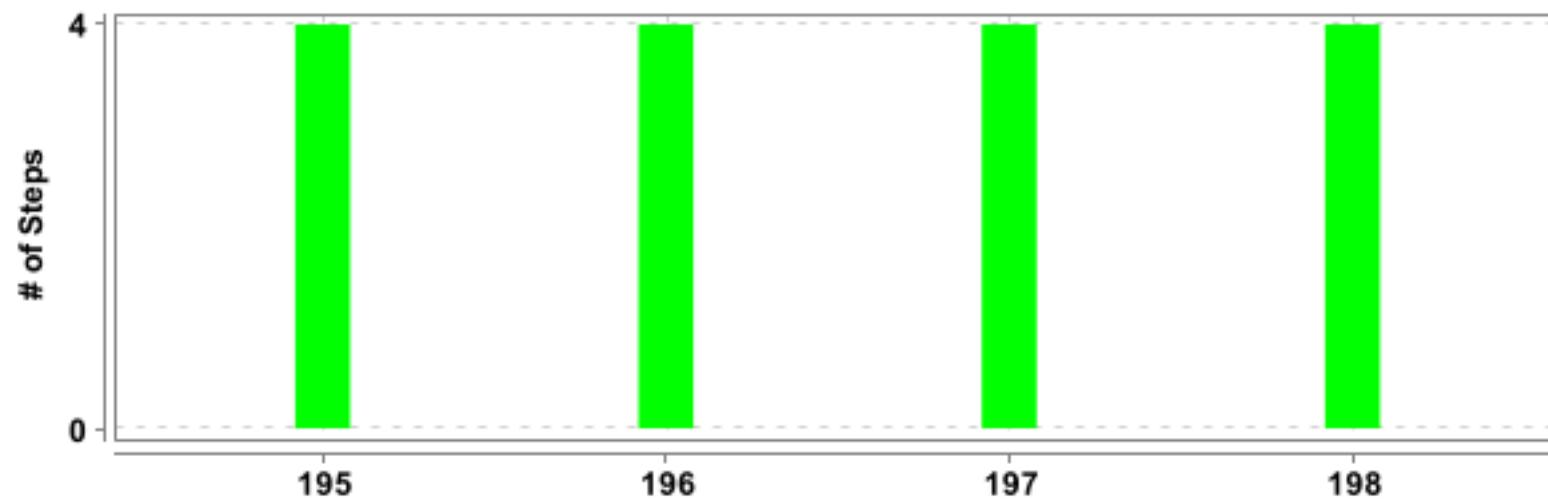
| #    | Feature Name   | Scenario Name   | T | P | F | S | Duration |
|------|--|---|---|---|---|---|----------|
| 17-7 | <u>User tests the Tree page on the Ds algo application</u> | <u>The user is able to run code in Editor for Graph page</u>                                    | 4 | 4 | 0 | 0 | 0.684 s  |
| 17-8 |  | <u>The user is presented with error message for invalid code in Editor for Graph page</u>       | 4 | 4 | 0 | 0 | 0.575 s  |
| 17-9 |  | <u>The user is able to navigate to "Binary Search Trees" Page</u>                               | 3 | 3 | 0 | 0 | 0.721 s  |
| 18-0 |  | <u>The user is able to navigate to a page having an tryEditor from Binary Search Trees Page</u> | 3 | 3 | 0 | 0 | 0.377 s  |
| 18-1 |  | <u>The user is able to run code in Editor for Graph page</u>                                    | 4 | 4 | 0 | 0 | 0.630 s  |
| 18-2 |  | <u>The user is presented with error message for invalid code in Editor for Graph page</u>       | 4 | 4 | 0 | 0 | 0.470 s  |
| 18-3 |  | <u>The user is able to navigate to "Implementation of BST" Page</u>                             | 3 | 3 | 0 | 0 | 0.523 s  |

| #    | <b>Feature Name</b> | <b>Scenario Name</b>   | <b>T</b> | <b>P</b> | <b>F</b> | <b>S</b> | <b>Duration</b> |
|------|---------------------|--|----------|----------|----------|----------|-----------------|
| 18-4 |                     | <u><i>The user is able to navigate to a page having an tryEditor from Implementation Of BST Page</i></u> | 3        | 3        | 0        | 0        | 0.471 s         |
| 18-5 |                     | <u><i>The user is able to run code in Editor for Graph page</i></u>                                      | 4        | 4        | 0        | 0        | 0.738 s         |



| #    | Feature Name  | Scenario Name  | T | P | F | S | Duration |
|------|---|--|---|---|---|---|----------|
| 18-6 | <u>User tests the Tree page on the Ds algo application</u>    | <u>The user is presented with error message for invalid code in Editor for Graph page</u>  | 4 | 4 | 0 | 0 | 0.552 s  |
| 18-7 |   | <u>The user validating "Practice Questions" page</u>                                       | 4 | 4 | 0 | 0 | 0.865 s  |
| 18-8 | <u>Graph: Luanch the DS-Algo portal and test Graph module</u> | <u>The user is logged in to DS Algo portal</u>   | 4 | 4 | 0 | 0 | 0.725 s  |
| 18-9 |   | <u>The user is able to navigate to Graph home page</u>                                     | 3 | 3 | 0 | 0 | 0.346 s  |
| 19-0 |   | <u>The user is able to navigate to Graph Graph page</u>                                    | 3 | 3 | 0 | 0 | 1.394 s  |
| 19-1 |   | <u>The user should be redirected to tryeditor page with run button to test python code</u> | 4 | 4 | 0 | 0 | 1.648 s  |
| 19-2 |   | <u>The user is able to run code in Editor for Graph page</u>                               | 4 | 4 | 0 | 0 | 0.641 s  |
| 19-3 |   | <u>The user is presented with error message for invalid code in Editor for Graph page</u>  | 4 | 4 | 0 | 0 | 0.464 s  |

| #    | <b>Feature Name</b> | <b>Scenario Name</b>  | <b>T</b> | <b>P</b> | <b>F</b> | <b>S</b> | <b>Duration</b> |
|------|---------------------|---|----------|----------|----------|----------|-----------------|
| 19-4 |                     | <u>The user is able to navigate to graph page and click on Graph Representations link</u> | 3        | 3        | 0        | 0        | 1.370 s         |

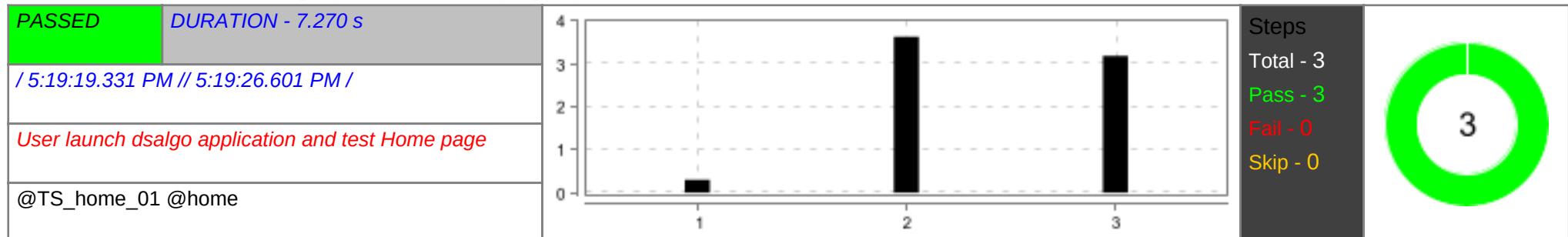


| #    | <b>Feature Name</b>   | <b>Scenario Name</b>  | <b>T</b> | <b>P</b> | <b>F</b> | <b>S</b> | <b>Duration</b> |
|------|---|---|----------|----------|----------|----------|-----------------|
| 19-5 | <u>Graph: Luanch the DS-Algo portal and test Graph module</u> | <u>The user should be redirected to tryeditor page with run button to test python code</u>                | 4        | 4        | 0        | 0        | 1.616 s         |
| 19-6 |   | <u>The user is able to run code in Editor for Graph Representations page</u>                              | 4        | 4        | 0        | 0        | 0.616 s         |
| 19-7 |   | <u>The user is presented with error message for invalid code in Editor for Graph Representations page</u> | 4        | 4        | 0        | 0        | 0.484 s         |
| 19-8 |   | <u>The user is able to navigate to graph url and click on Practice Questions</u>                          | 4        | 4        | 0        | 0        | 2.616 s         |

## User launch dsalgo application and test Home page

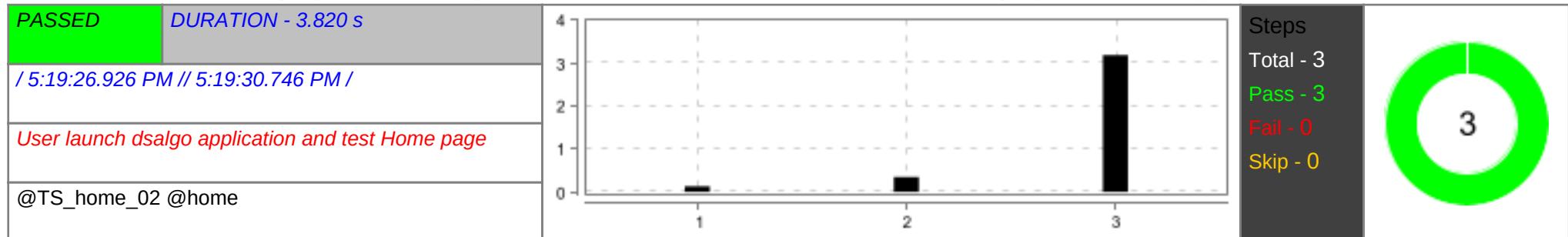


## User launch home page of an dsalgo project



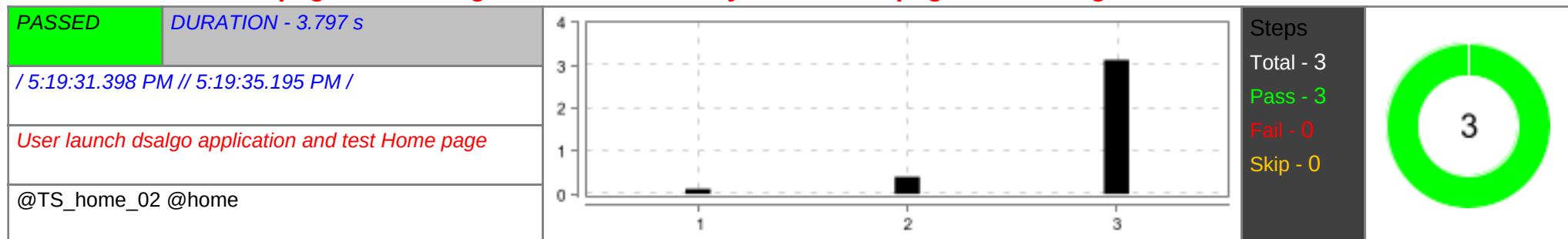
| # | Step / Hook Details                            | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user opens DS Algo portal link       | PASSED | 0.301 s  |
| 2 | When The user clicks the "Get Started" button  | PASSED | 3.631 s  |
| 3 | Then The user should be redirected to homepage | PASSED | 3.186 s  |

## User is on Home page and click getstarted link "Datastructures" on home page without sign in



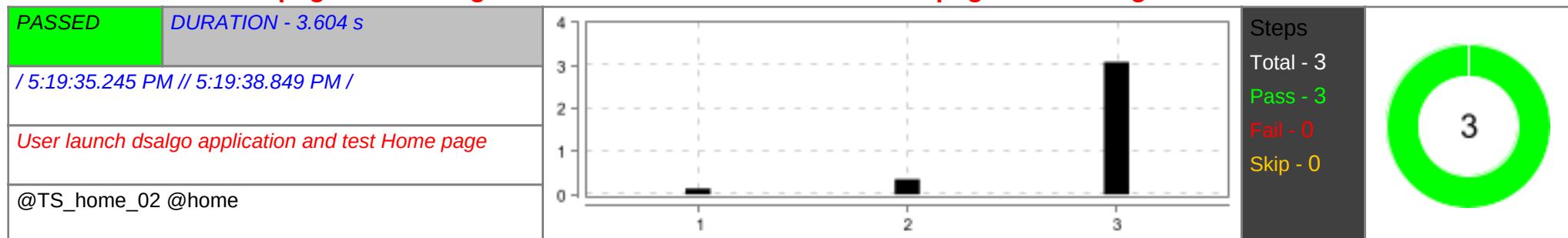
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on Home page  | PASSED | 0.127 s  |
| 2 | When The user clicks on Get Started link on homepage "Datastructures" without login | PASSED | 0.347 s  |
| 3 | Then The user get warning message "You are not logged in"                           | PASSED | 3.187 s  |

### User is on Home page and click getstarted link "Arrays" on home page without sign in



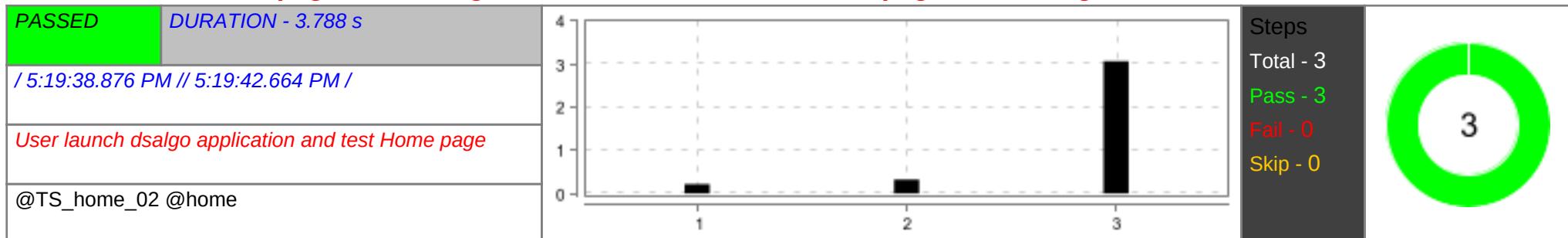
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on Home page  | PASSED | 0.117 s  |
| 2 | When The user clicks on Get Started link on homepage "Arrays" without login | PASSED | 0.399 s  |
| 3 | Then The user get warning message "You are not logged in"                   | PASSED | 3.124 s  |

### User is on Home page and click getstarted link "Linkedlist" on home page without sign in



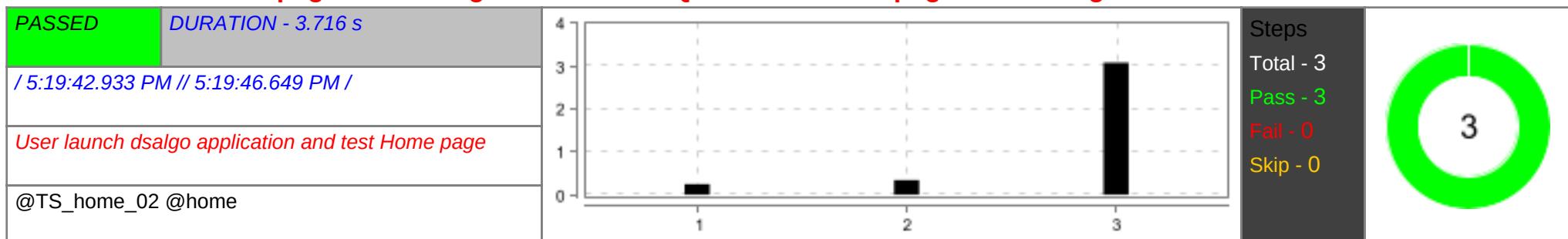
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on Home page  | PASSED | 0.136 s  |
| 2 | When The user clicks on Get Started link on homepage "Linkedlist" without login | PASSED | 0.353 s  |
| 3 | Then The user get warning message "You are not logged in"                       | PASSED | 3.081 s  |

### User is on Home page and click getstarted link "Stack" on home page without sign in



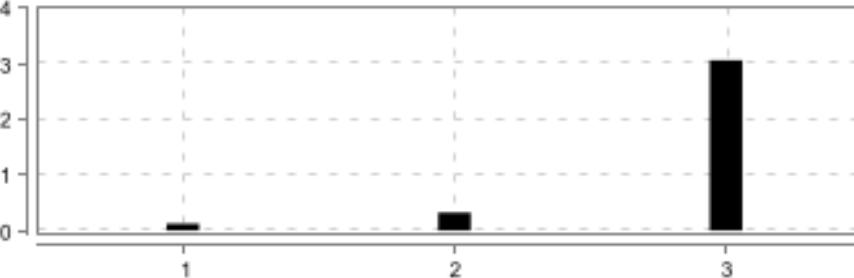
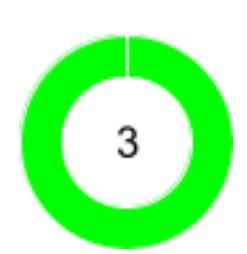
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on Home page   | PASSED | 0.219 s  |
| 2 | When The user clicks on Get Started link on homepage "Stack" without login | PASSED | 0.321 s  |
| 3 | Then The user get warning message "You are not logged in"                  | PASSED | 3.065 s  |

### User is on Home page and click getstarted link "Queue" on home page without sign in



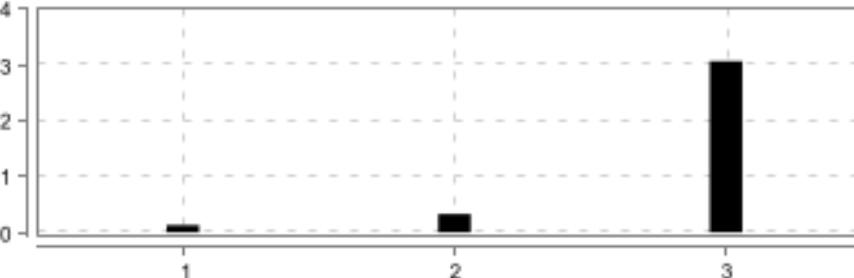
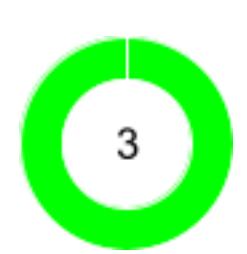
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on Home page   | PASSED | 0.247 s  |
| 2 | When The user clicks on Get Started link on homepage "Queue" without login | PASSED | 0.339 s  |
| 3 | Then The user get warning message "You are not logged in"                  | PASSED | 3.081 s  |

### User is on Home page and click getstarted link "Tree" on home page without sign in

|   |                    |  |  |   |
|---|--------------------|--|--|---|
| PASSED  | DURATION - 3.537 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 5:19:46.834 PM // 5:19:50.371 PM /              |                    |  |  |   |
| User launch dsalgo application and test Home page |                    |  |  |   |
| @TS_home_02 @home                                 |                    |  |  |   |

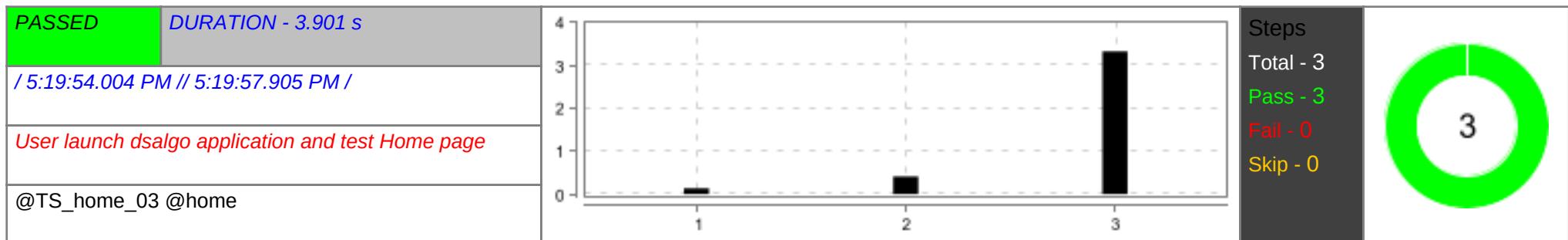
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on Home page  | PASSED | 0.121 s  |
| 2 | When The user clicks on Get Started link on homepage "Tree" without login | PASSED | 0.323 s  |
| 3 | Then The user get warning message "You are not logged in"                 | PASSED | 3.061 s  |

### User is on Home page and click getstarted link "Graph" on home page without sign in

|   |                    |  |  |   |
|---|--------------------|--|--|---|
| PASSED  | DURATION - 3.555 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 5:19:50.409 PM // 5:19:53.964 PM /              |                    |  |  |   |
| User launch dsalgo application and test Home page |                    |  |  |   |
| @TS_home_02 @home                                 |                    |  |  |   |

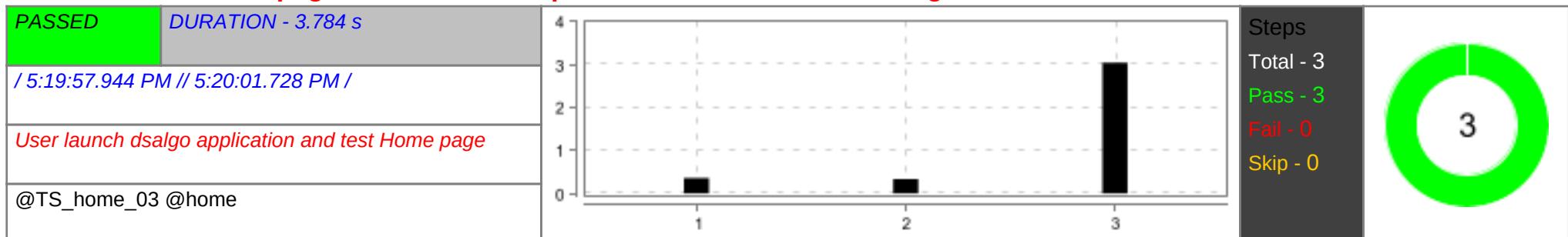
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on Home page   | PASSED | 0.130 s  |
| 2 | When The user clicks on Get Started link on homepage "Graph" without login | PASSED | 0.328 s  |
| 3 | Then The user get warning message "You are not logged in"                  | PASSED | 3.070 s  |

### User is on Home page and click on dropdown "Arrays" without sign in



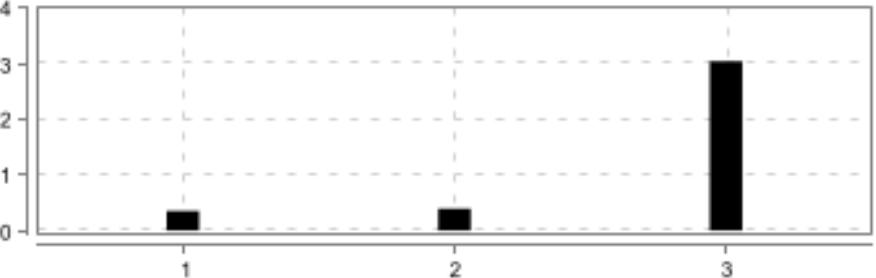
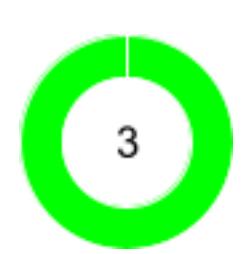
| # | Step / Hook Details                                       | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on Home page                            | PASSED | 0.135 s  |
| 2 | When The user clicks on dropdown "Arrays"                 | PASSED | 0.412 s  |
| 3 | Then The user get warning message "You are not logged in" | PASSED | 3.328 s  |

### User is on Home page and click on dropdown "Linkedlist" without sign in



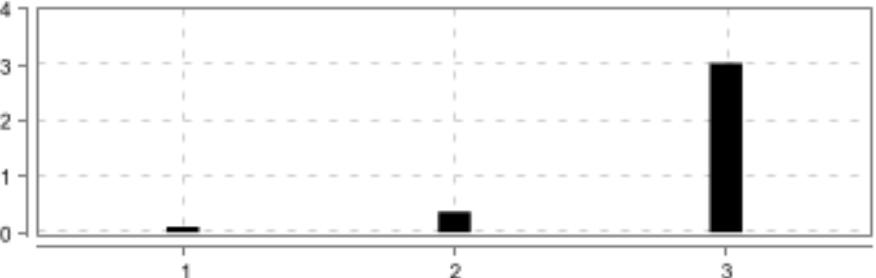
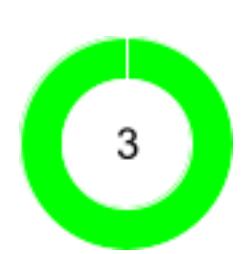
| # | Step / Hook Details                                       | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on Home page                            | PASSED | 0.360 s  |
| 2 | When The user clicks on dropdown "Linkedlist"             | PASSED | 0.335 s  |
| 3 | Then The user get warning message "You are not logged in" | PASSED | 3.041 s  |

### User is on Home page and click on dropdown "Stack" without sign in

|   |                    |  |  |   |
|---|--------------------|--|--|---|
| PASSED  | DURATION - 3.959 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 5:20:01.768 PM // 5:20:05.727 PM /              |                    |  |  |   |
| User launch dsalgo application and test Home page |                    |  |  |   |
| @TS_home_03 @home                                 |                    |  |  |   |

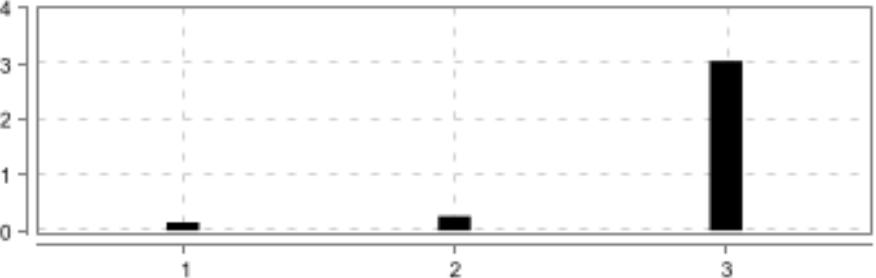
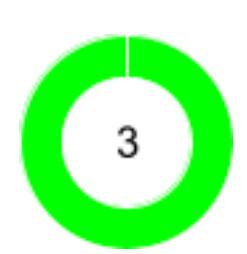
| # | Step / Hook Details                                       | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on Home page                            | PASSED | 0.351 s  |
| 2 | When The user clicks on dropdown "Stack"                  | PASSED | 0.391 s  |
| 3 | Then The user get warning message "You are not logged in" | PASSED | 3.045 s  |

### User is on Home page and click on dropdown "Queue" without sign in

|   |                    |  |  |   |
|---|--------------------|--|--|---|
| PASSED  | DURATION - 3.522 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 5:20:05.738 PM // 5:20:09.260 PM /              |                    |  |  |   |
| User launch dsalgo application and test Home page |                    |  |  |   |
| @TS_home_03 @home                                 |                    |  |  |   |

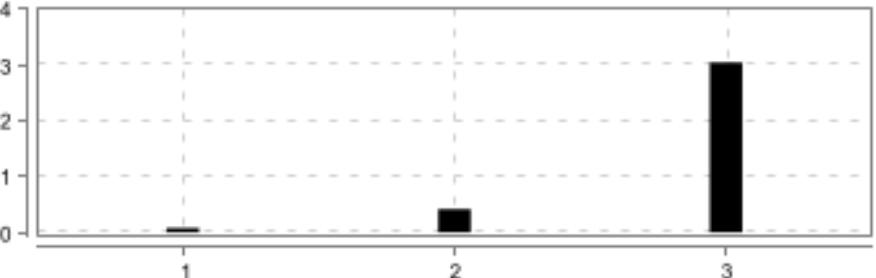
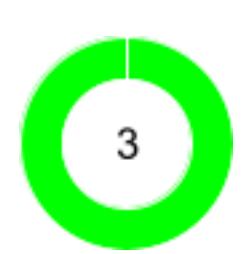
| # | Step / Hook Details                                       | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on Home page                            | PASSED | 0.098 s  |
| 2 | When The user clicks on dropdown "Queue"                  | PASSED | 0.367 s  |
| 3 | Then The user get warning message "You are not logged in" | PASSED | 3.034 s  |

### User is on Home page and click on dropdown "Tree" without sign in

|   |                    |  |  |   |
|---|--------------------|--|--|---|
| PASSED  | DURATION - 3.479 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 5:20:09.279 PM // 5:20:12.758 PM /              |                    |  |  |   |
| User launch dsalgo application and test Home page |                    |  |  |   |
| @TS_home_03 @home                                 |                    |  |  |   |

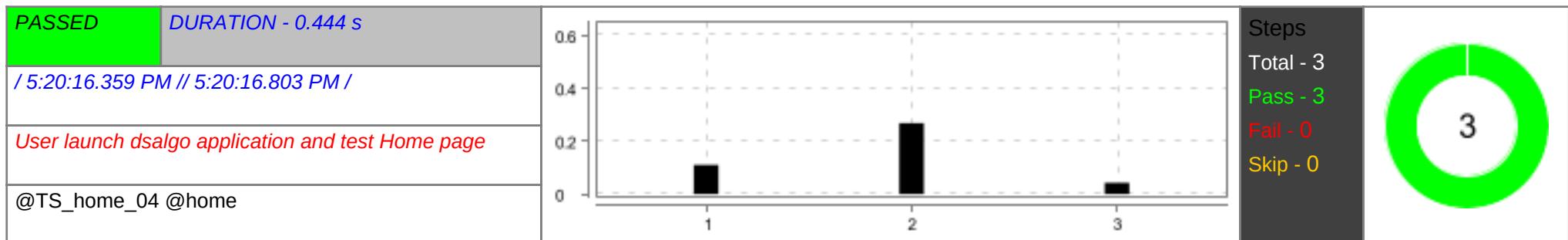
| # | Step / Hook Details                                       | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on Home page                            | PASSED | 0.147 s  |
| 2 | When The user clicks on dropdown "Tree"                   | PASSED | 0.260 s  |
| 3 | Then The user get warning message "You are not logged in" | PASSED | 3.050 s  |

### User is on Home page and click on dropdown "Graph" without sign in

|   |                    |  |  |   |
|---|--------------------|--|--|---|
| PASSED  | DURATION - 3.549 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 5:20:12.775 PM // 5:20:16.324 PM /              |                    |  |  |   |
| User launch dsalgo application and test Home page |                    |  |  |   |
| @TS_home_03 @home                                 |                    |  |  |   |

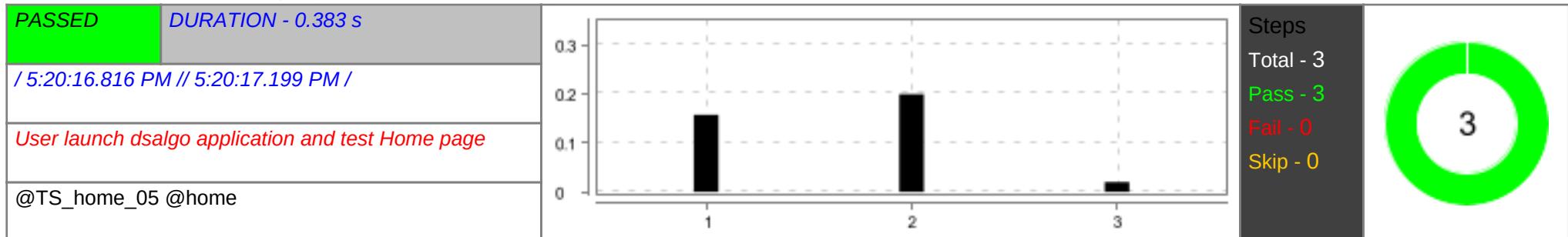
| # | Step / Hook Details                                       | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on Home page                            | PASSED | 0.075 s  |
| 2 | When The user clicks on dropdown "Graph"                  | PASSED | 0.414 s  |
| 3 | Then The user get warning message "You are not logged in" | PASSED | 3.043 s  |

### User is on Home page and click on sign in



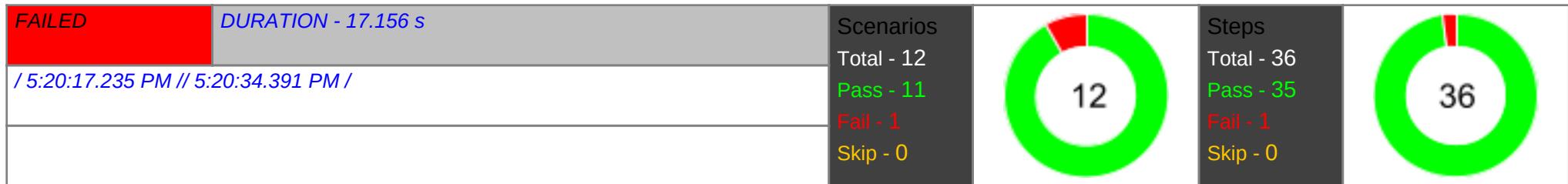
| # | Step / Hook Details                    | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on Home page         | PASSED | 0.111 s  |
| 2 | When The user clicks on signin link    | PASSED | 0.269 s  |
| 3 | Then The user redirected to login page | PASSED | 0.043 s  |

### User is on Home page and click on Register

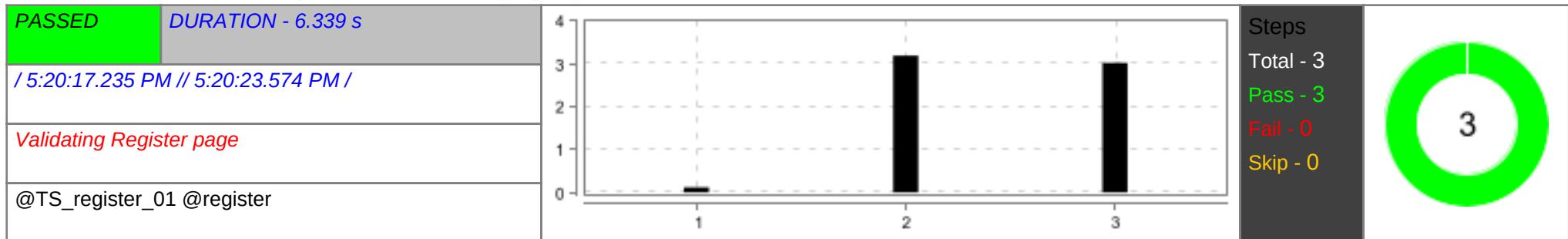


| # | Step / Hook Details                           | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on Home page                | PASSED | 0.157 s  |
| 2 | When The user clicks on register link         | PASSED | 0.199 s  |
| 3 | Then The user redirected to Registration page | PASSED | 0.020 s  |

### Validating Register page

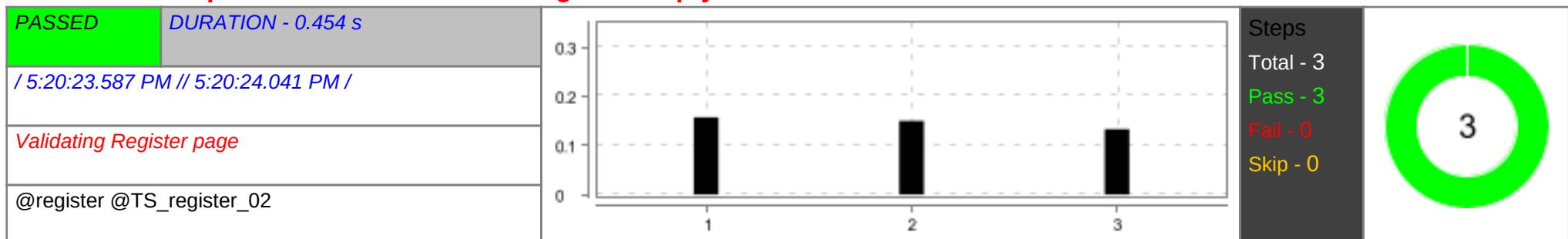


### User launch home page of an dsalgo project



| # | Step / Hook Details                            | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user opens DS Algo portal link       | PASSED | 0.117 s  |
| 2 | When The user clicks the "Get Started" button  | PASSED | 3.189 s  |
| 3 | Then The user should be redirected to homepage | PASSED | 3.019 s  |

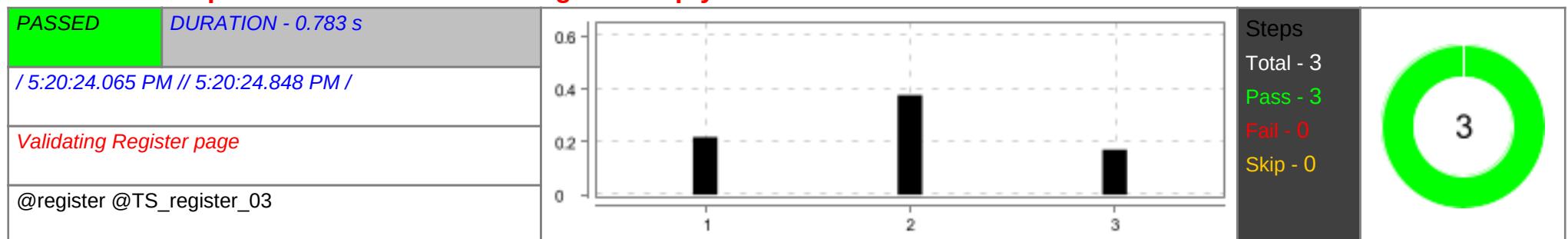
### The user is presented with error message for empty fields below Username textbox



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user opens Register Page                           | PASSED | 0.157 s  |
| 2 | When The user clicks "Register" button with all fields empty | PASSED | 0.150 s  |

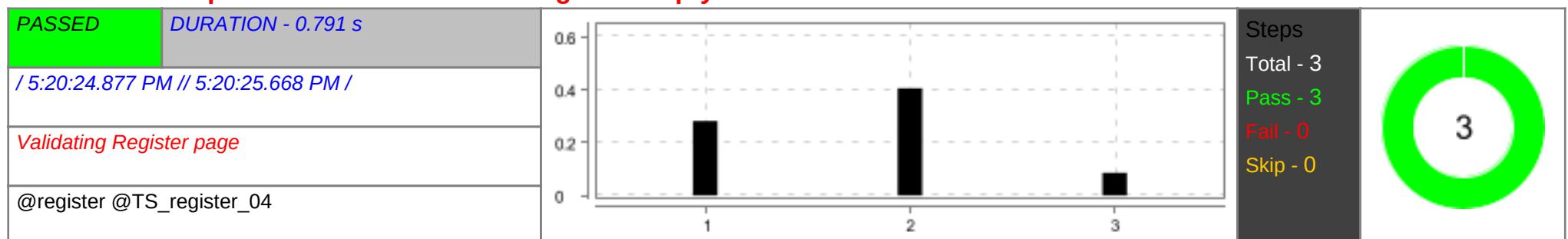
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 3 | Then It should display an error message "Please fill out this field." below Username textbox | PASSED | 0.133 s  |

### The user is presented with error message for empty fields below Password textbox



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user opens Register Page  | PASSED | 0.218 s  |
| 2 | When The user clicks "Register" button after entering username with other fields empty<br><br>username<br>numpyarsh | PASSED | 0.377 s  |
| 3 | Then It should display an error message "Please fill out this field." below Password textbox                        | PASSED | 0.171 s  |

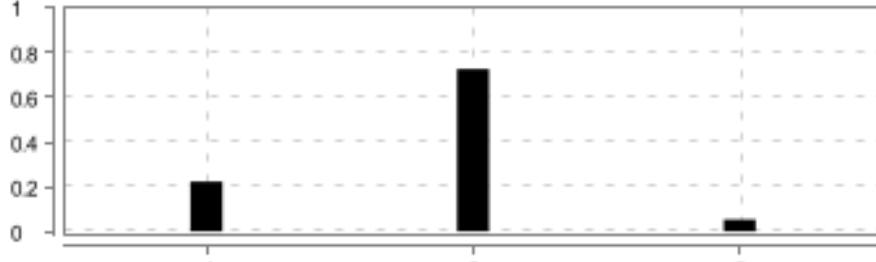
### The user is presented with error message for empty fields below confirm Password textbox



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user opens Register Page  | PASSED | 0.282 s  |
| 2 | When The user clicks "Register" button after entering "username" and "password" with Password Confirmation field empty<br><br>username<br>numpyarsh<br>password<br>testdata | PASSED | 0.406 s  |

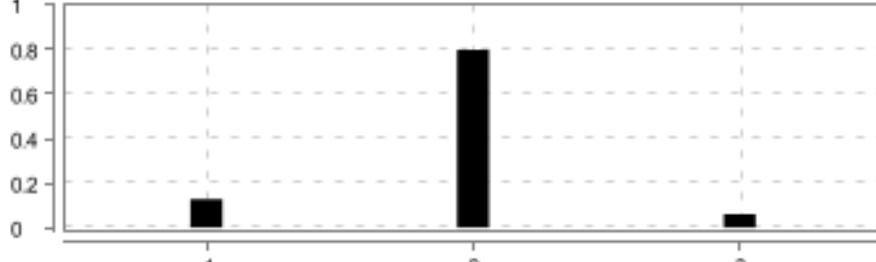
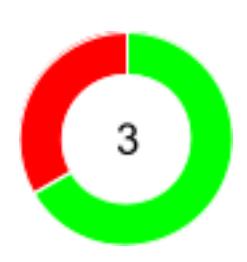
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 3 | Then It should display an error message "Please fill out this field." below Password Confirmation textbox | PASSED | 0.086 s  |

### The user is presented with error message for invalid username

|        |                    |  |   |   |
|--------|--------------------|--|---|---|
| PASSED | DURATION - 1.018 s | <br>/ 5:20:25.685 PM // 5:20:26.703 PM / | <b>Steps</b><br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
|        |                    | Validating Register page   |   |   |
|        |                    | @register @TS_register_05  |   |   |

| #        | Step / Hook Details  | Status           | Duration |                  |       |          |          |  |  |
|----------|--|------------------|----------|------------------|-------|----------|----------|--|--|
| 1        | Given The user opens Register Page   | PASSED           | 0.223 s  |                  |       |          |          |  |  |
| 2        | When The user enters a "username" with characters other than Letters, digits and @, ., +, -, _ with valid "password" and "confirm password"  | PASSED           | 0.727 s  |                  |       |          |          |  |  |
|          | <table border="1" data-bbox="190 770 628 833"> <tr> <td>username</td> <td>password</td> <td>confirm password</td> </tr> <tr> <td>***&amp;&amp;</td> <td>testdata</td> <td>testdata</td> </tr> </table> | username         | password | confirm password | ***&& | testdata | testdata |  |  |
| username | password   | confirm password |          |                  |       |          |          |  |  |
| ***&&    | testdata   | testdata         |          |                  |       |          |          |  |  |
| 3        | Then It should display an error message "Please enter a valid username"  | PASSED           | 0.053 s  |                  |       |          |          |  |  |

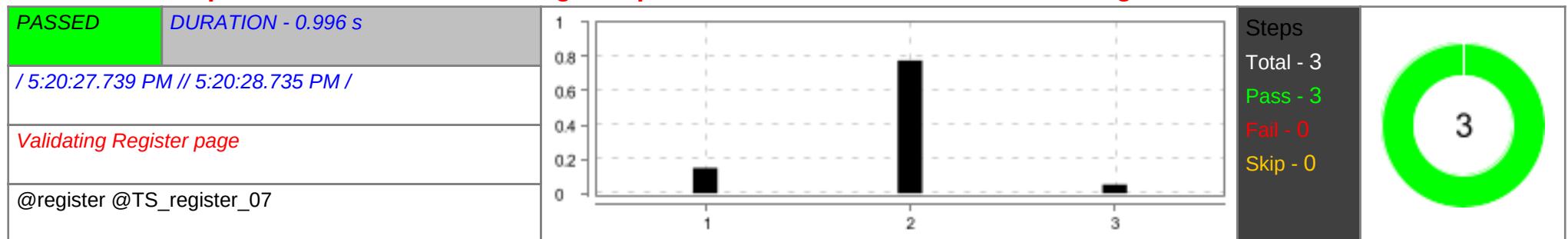
### The user is presented with error message for password mismatch

|        |                    |   |   |  |
|--------|--------------------|---|---|--|
| FAILED | DURATION - 1.004 s | <br>/ 5:20:26.721 PM // 5:20:27.725 PM / | <b>Steps</b><br>Total - 3<br>Pass - 2<br>Fail - 1<br>Skip - 0 |  |
|        |                    | Validating Register page  |   |  |
|        |                    | @register @TS_register_06   |   |  |

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user opens Register Page  | PASSED | 0.128 s  |
| 2 | When The user clicks "Register" button after entering valid "username" and different passwords in "password" and "password confirmation" fields | PASSED | 0.799 s  |

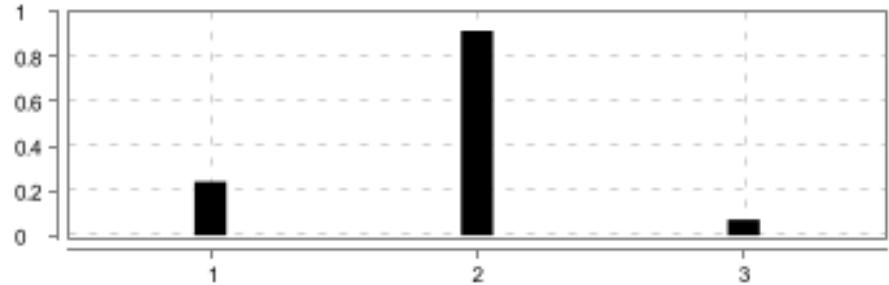
| #                            | Step / Hook Details   | Status           | Duration |                  |                              |            |               |  |  |
|------------------------------|---|------------------|----------|------------------|------------------------------|------------|---------------|--|--|
|                              | <table border="1"> <tr> <td>username</td><td>password</td><td>confirm password</td></tr> <tr> <td>numpyarshsquashers@gmail.com</td><td>ThankGmail</td><td>ThankGmail123</td></tr> </table>  | username         | password | confirm password | numpyarshsquashers@gmail.com | ThankGmail | ThankGmail123 |  |  |
| username                     | password  | confirm password |          |                  |                              |            |               |  |  |
| numpyarshsquashers@gmail.com | ThankGmail  | ThankGmail123    |          |                  |                              |            |               |  |  |
| 3                            | <p>Then It should display an error message "password_mismatch:The two password fields didn't match."</p> <pre>java.lang.AssertionError: did not expect [password_mismatch:The two password fields didn't match.] but found [password_mismatch:The two password fields didn't match.] at org.testng.Assert.fail(Assert.java:99) at org.testng.Assert.failEquals(Assert.java:1041) at org.testng.Assert.assertNotEqualsImpl(Assert.java:147) at org.testng.Assert.assertNotEquals(Assert.java:1531) at org.testng.Assert.assertNotEquals(Assert.java:1535) at stepdefinition.registerPageSD.it_should_display_an_error_message(registerPageSD.java:83) at ?.It should display an error message "password_mismatch:The two password fields didn't match."(file:///C:/Users/hvlsa/eclipse-workspace/DS_Algo_Project/src/test/resources/features/02_register.feature:46) * Not displayable characters are replaced by '?'.</pre> | FAILED           | 0.060 s  |                  |                              |            |               |  |  |
|                              | <p>AFTER_STEP - hooks.hooksForDS.afterstep(io.cucumber.java.Scenario)</p> <pre>java.lang.NullPointerException: Cannot invoke "org.openqa.selenium.TakesScreenshot.getScreenshotAs(org.openqa.selenium.OutputType)" because "hooks.hooksForDS.driver" is null at hooks.hooksForDS.afterstep(hooksForDS.java:48)</pre>  | FAILED           | 0.004 s  |                  |                              |            |               |  |  |

### The user is presented with error message for password with characters less than eight



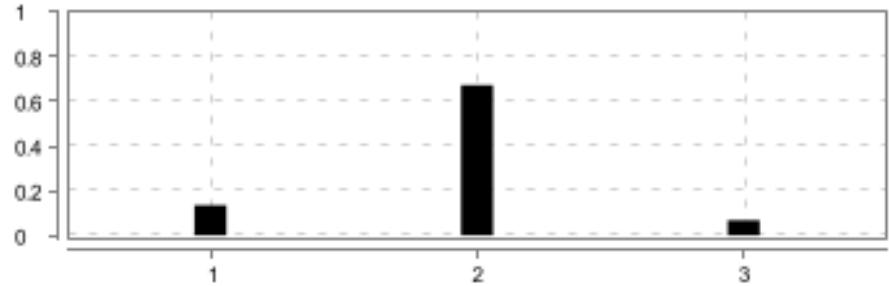
| #                            | Step / Hook Details   | Status           | Duration |                  |                              |         |         |        |         |
|------------------------------|---|------------------|----------|------------------|------------------------------|---------|---------|--------|---------|
| 1                            | Given The user opens Register Page  | PASSED           | 0.148 s  |                  |                              |         |         |        |         |
| 2                            | <p>When The user enters a valid "username" and "password" with characters less than eight</p> <table border="1"> <tr> <td>username</td><td>password</td><td>confirm password</td></tr> <tr> <td>numpyarshsquashers@gmail.com</td><td>a1b2c3d</td><td>a1b2c3d</td></tr> </table> | username         | password | confirm password | numpyarshsquashers@gmail.com | a1b2c3d | a1b2c3d | PASSED | 0.777 s |
| username                     | password  | confirm password |          |                  |                              |         |         |        |         |
| numpyarshsquashers@gmail.com | a1b2c3d   | a1b2c3d          |          |                  |                              |         |         |        |         |
| 3                            | Then It should display an error message "Password should contain at least 8 characters"   | PASSED           | 0.052 s  |                  |                              |         |         |        |         |

### The user is presented with error message for password with only numbers

|                                      |                    |  |  |   |
|--------------------------------------|--------------------|--|--|---|
| PASSED                               | DURATION - 1.239 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 5:20:28.754 PM // 5:20:29.993 PM / |                    |  |  |   |
| Validating Register page             |                    |  |  |   |
| @register @TS_register_08            |                    |  |  |   |

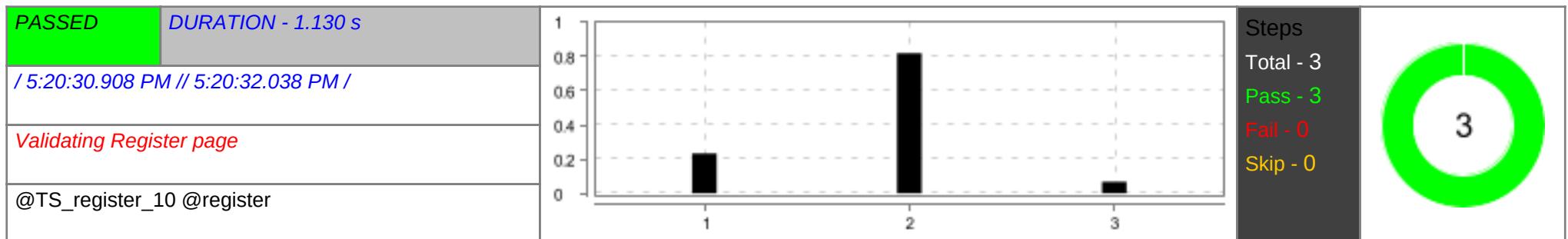
| #                            | Step / Hook Details   | Status           | Duration |                  |                              |          |          |        |         |
|------------------------------|---|------------------|----------|------------------|------------------------------|----------|----------|--------|---------|
| 1                            | Given The user opens Register Page  | PASSED           | 0.241 s  |                  |                              |          |          |        |         |
| 2                            | When The user enters a valid "username" and "password" with only numbers<br><br><table border="1" data-bbox="181 625 884 689"> <tr> <td>username</td> <td>password</td> <td>confirm password</td> </tr> <tr> <td>numpyarshsquashers@gmail.com</td> <td>12345678</td> <td>12345678</td> </tr> </table> | username         | password | confirm password | numpyarshsquashers@gmail.com | 12345678 | 12345678 | PASSED | 0.917 s |
| username                     | password  | confirm password |          |                  |                              |          |          |        |         |
| numpyarshsquashers@gmail.com | 12345678  | 12345678         |          |                  |                              |          |          |        |         |
| 3                            | Then It should display an error message "Password can't be entirely numeric."   | PASSED           | 0.071 s  |                  |                              |          |          |        |         |

### The user is presented with error message for password too similar to your other personal information

|                                      |                    |   |  |  |
|--------------------------------------|--------------------|---|--|--|
| PASSED                               | DURATION - 0.888 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 5:20:30.006 PM // 5:20:30.894 PM / |                    |   |  |  |
| Validating Register page             |                    |   |  |  |
| @TS_register_09 @register            |                    |   |  |  |

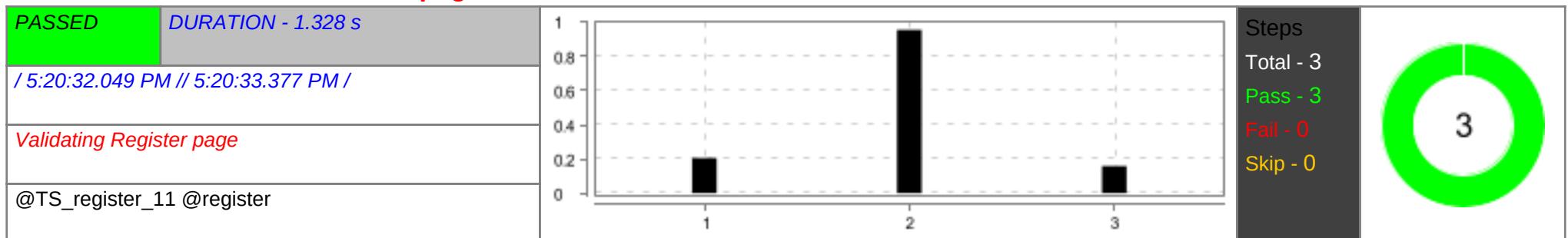
| #                            | Step / Hook Details   | Status           | Duration |                  |                              |           |           |        |         |
|------------------------------|---|------------------|----------|------------------|------------------------------|-----------|-----------|--------|---------|
| 1                            | Given The user opens Register Page  | PASSED           | 0.135 s  |                  |                              |           |           |        |         |
| 2                            | When The user enters a valid "username" and "password" similar to username<br><br><table border="1" data-bbox="181 1276 884 1340"> <tr> <td>username</td> <td>password</td> <td>confirm password</td> </tr> <tr> <td>numpyarshsquashers@gmail.com</td> <td>numpyarsh</td> <td>numpyarsh</td> </tr> </table> | username         | password | confirm password | numpyarshsquashers@gmail.com | numpyarsh | numpyarsh | PASSED | 0.673 s |
| username                     | password  | confirm password |          |                  |                              |           |           |        |         |
| numpyarshsquashers@gmail.com | numpyarsh   | numpyarsh        |          |                  |                              |           |           |        |         |
| 3                            | Then It should display an error message "password can't be too similar to your other personal information."   | PASSED           | 0.067 s  |                  |                              |           |           |        |         |

### The user is presented with error message for commonly used password



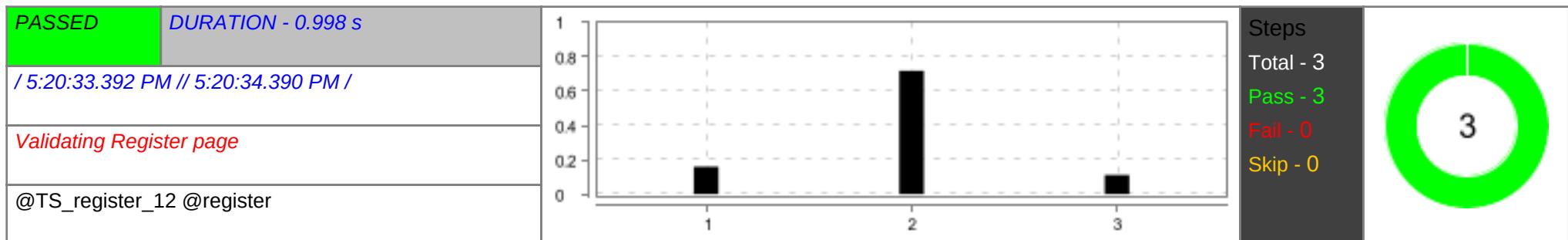
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user opens Register Page  | PASSED | 0.233 s  |
| 2 | When The user enters a valid "username" and commonly used password "password"<br>username: numpyarshsquashers@gmail.com<br>password: Welcome1<br>confirm password: Welcome1 | PASSED | 0.819 s  |
| 3 | Then It should display an error message "Password can't be commonly used password"  | PASSED | 0.068 s  |

### The user redirected to Homepage with valid details

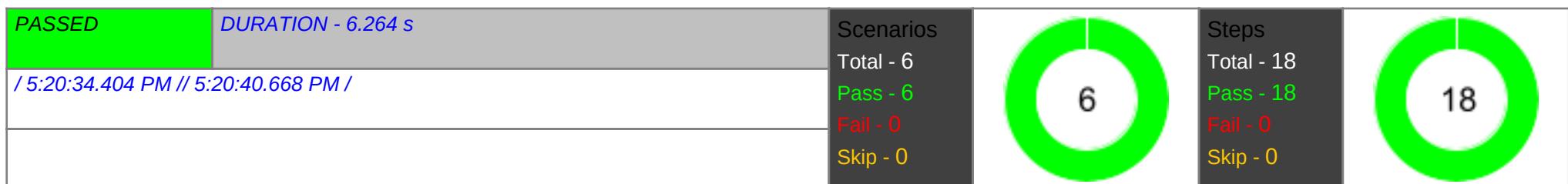
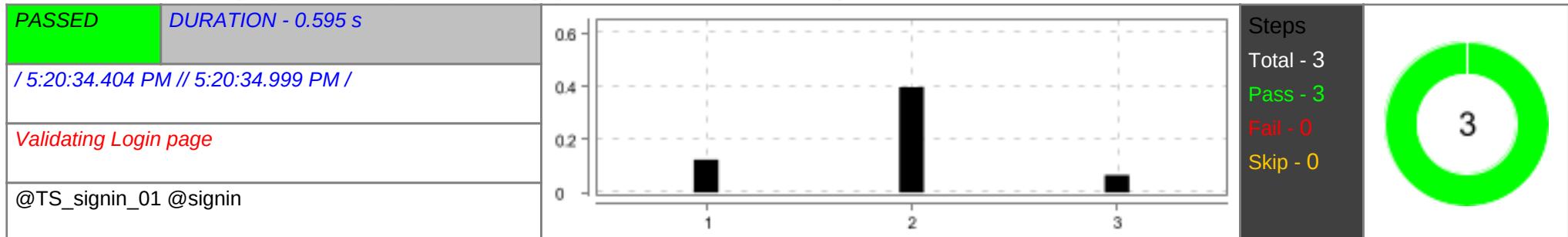


| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user opens Register Page   | PASSED | 0.206 s  |
| 2 | When The user enters a valid "username" and "password" and "password confirmation"<br>username: numpyarshsquashers@gmail.com<br>password: ThankGmail123<br>confirm password: ThankGmail123 | PASSED | 0.956 s  |
| 3 | Then The user should be redirected to Homepage with the message "New Account Created. You are logged in as <username>"   | PASSED | 0.159 s  |

### The user is presented with error message for existing username

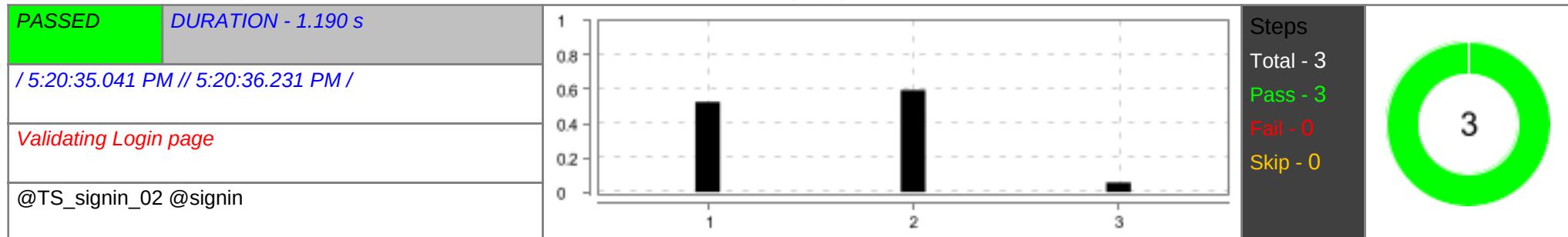
**Step / Hook Details**

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user opens Register Page   | PASSED | 0.160 s  |
| 2 | When The user enters a valid existing "username" with "password" and "password confirmation"<br><br>username: numpyarshsquashers@gmail.com   password: ThankGmail123   confirm password: ThankGmail123 | PASSED | 0.718 s  |
| 3 | Then It should display an error message "Username already exists"  | PASSED | 0.112 s  |

**Validating Login page****User on login page and login with empty username and valid password**

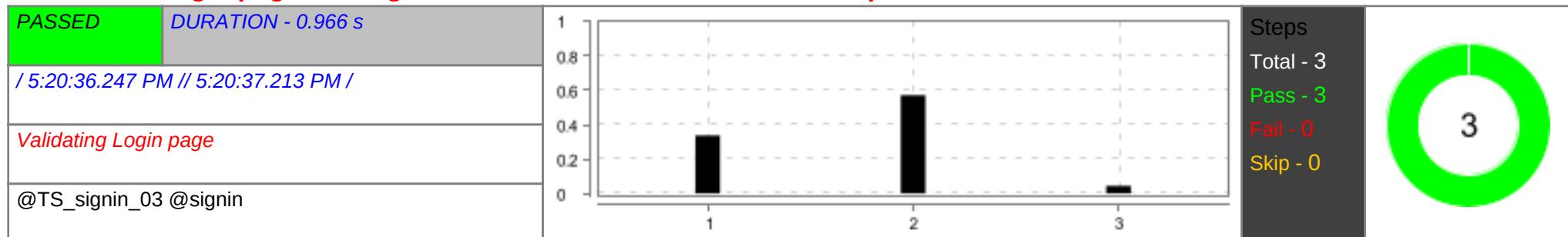
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on signin page   | PASSED | 0.124 s  |
| 2 | When The user clicks Login with empty username "" and valid password "Thankgmail123"         | PASSED | 0.397 s  |
| 3 | Then It should display an error message "Please fill out this field." below Username textbox | PASSED | 0.066 s  |

### User on login page and login with valid username and empty password



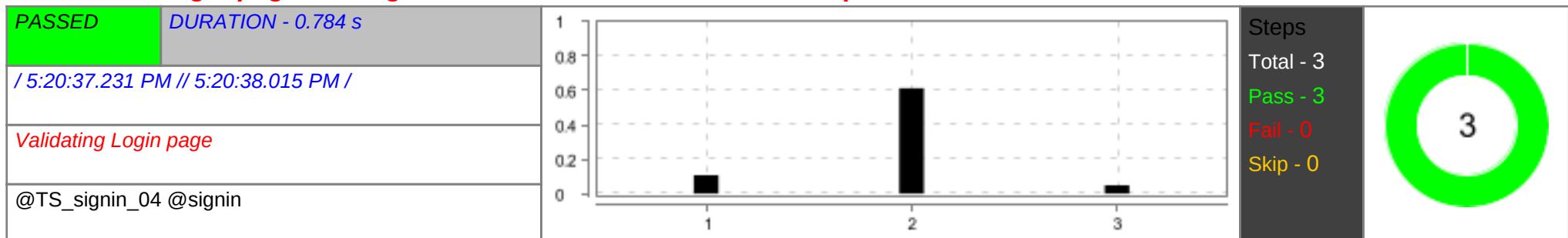
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on signin page  | PASSED | 0.527 s  |
| 2 | When The user clicks Login with username "numpyarshsquashers@gmail.com" and empty password "" | PASSED | 0.595 s  |
| 3 | Then It should display an error message "Please fill out this field." below Password textbox  | PASSED | 0.056 s  |

### User on login page and login with invalid username and invalid password



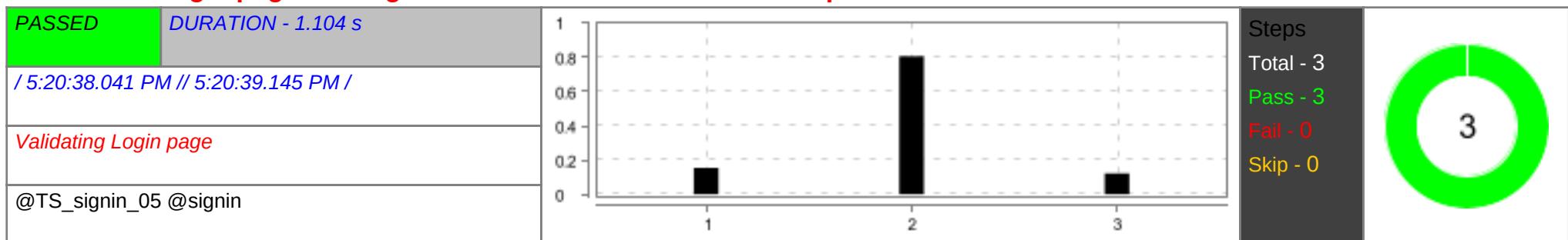
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on signin page  | PASSED | 0.337 s  |
| 2 | When The user clicks Login with invalid username "bdhgfsj" and invalid password "gsfhsgs" | PASSED | 0.572 s  |
| 3 | Then It will display an error message "Invalid Username and Password"                     | PASSED | 0.044 s  |

## User on login page and login with valid username and invalid password



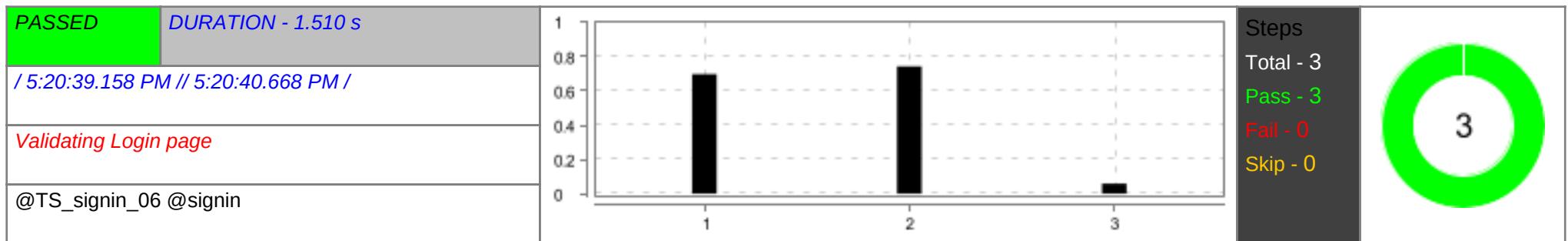
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on signin page   | PASSED | 0.107 s  |
| 2 | When The user clicks Login with valid username "numpyarshsquashers@gmail.com" and invalid password "sjdhfsjkh" | PASSED | 0.613 s  |
| 3 | Then It should display an error message "Please check your password." password not valid                       | PASSED | 0.049 s  |

## User on login page and login with valid username and valid password



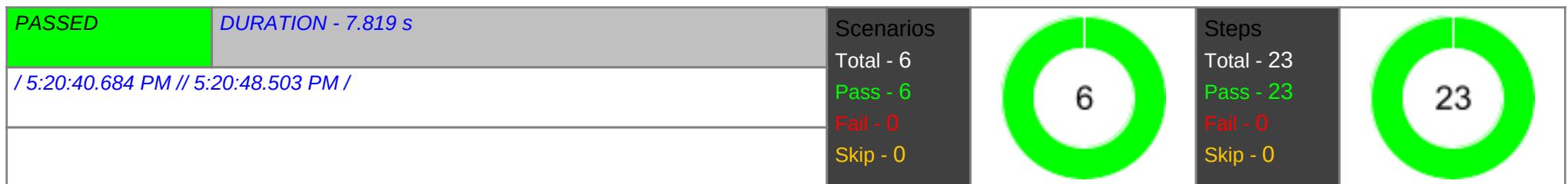
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on signin page   | PASSED | 0.154 s  |
| 2 | When The user clicks Login with valid username "arshsquashers@gmail.com" and valid password "Welcome12#" | PASSED | 0.806 s  |
| 3 | Then It should display "You are logged in" message with username in top right corner                     | PASSED | 0.122 s  |

## Sign-Out scenario

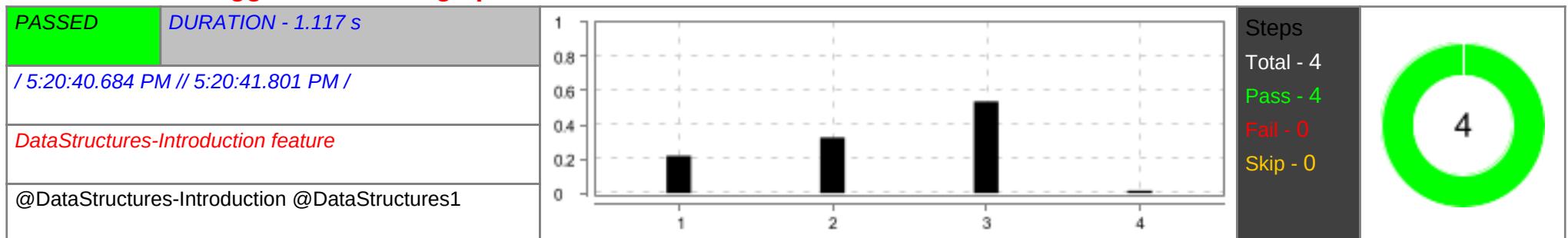


| # | Step / Hook Details                                      | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is logged in                              | PASSED | 0.698 s  |
| 2 | When The user clicks on Sign-Out link                    | PASSED | 0.743 s  |
| 3 | Then The user gets the message "Logged out successfully" | PASSED | 0.059 s  |

### DataStructures-Introduction feature



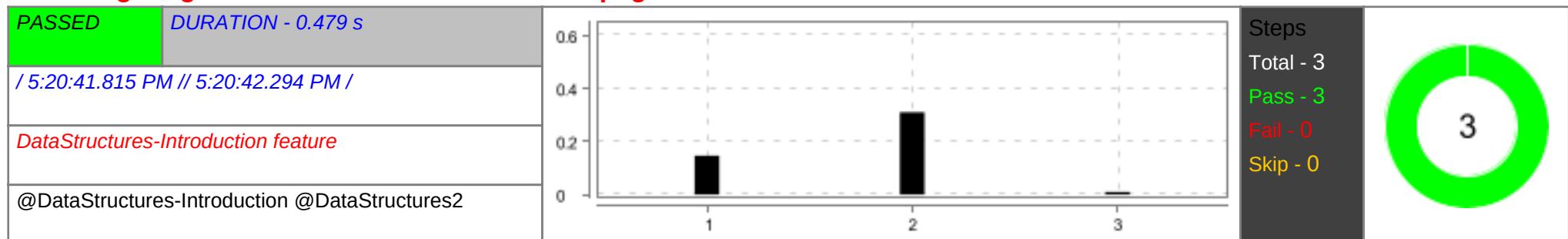
### The user is logged in to DS Algo portal



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on Signin page of DS Algo portal                   | PASSED | 0.218 s  |
| 2 | When The user enter valid "arshsquashers@gmail.com" and "Welcome12#" | PASSED | 0.325 s  |

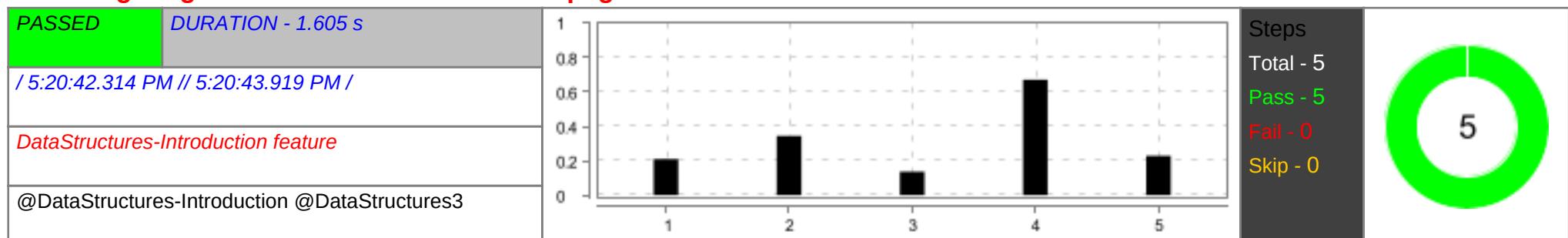
| # | Step / Hook Details                  | Status | Duration |
|---|--------------------------------------|--------|----------|
| 3 | And The user click on login button   | PASSED | 0.537 s  |
| 4 | Then The user redirected to homepage | PASSED | 0.014 s  |

### Navigating to DataStructures-Introduction page



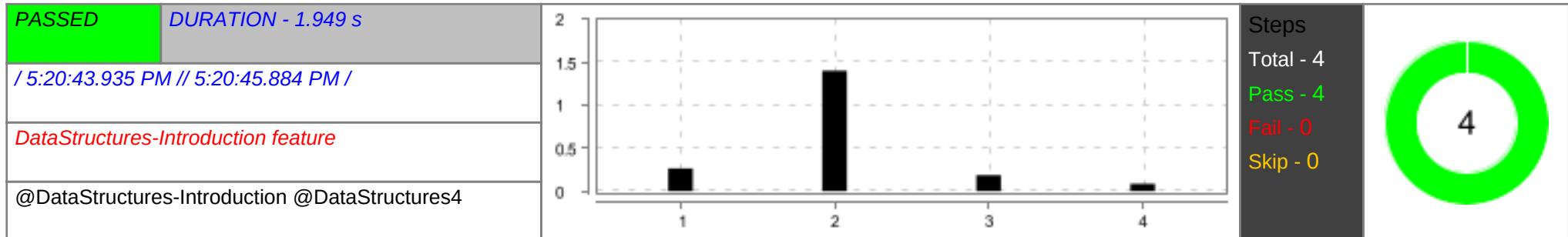
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "home page" after logged in   | PASSED | 0.147 s  |
| 2 | When The user clicks on the Get Started button on Graph or select Stack item from the drop down menu | PASSED | 0.311 s  |
| 3 | Then The user is redirected to "DataStructures-Introduction" Page                                    | PASSED | 0.010 s  |

### Navigating DataStructures-Introduction page



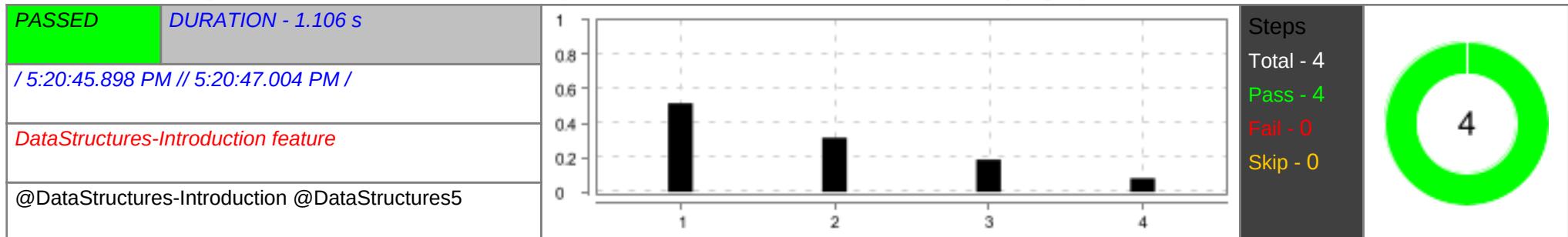
| # | Step / Hook Details                                     | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in "DataStructures-Introduction" page | PASSED | 0.210 s  |
| 2 | When The user clicks on the Time Complexity link        | PASSED | 0.344 s  |
| 3 | Then The user is redirected to "Time Complexity" page   | PASSED | 0.137 s  |
| 4 | When The user clicks the Try here link                  | PASSED | 0.671 s  |
| 5 | Then The user is redirected to "Try Editor" page        | PASSED | 0.229 s  |

### The user is able to run code in Editor for Graph page



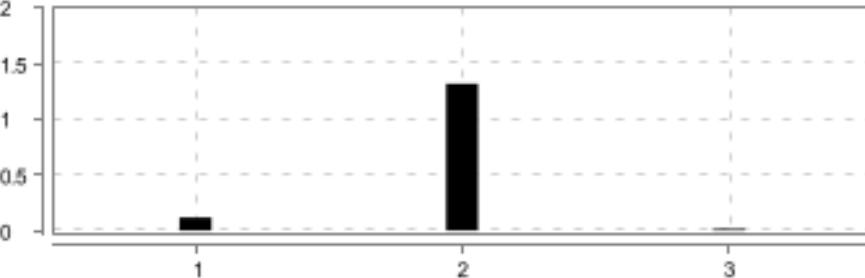
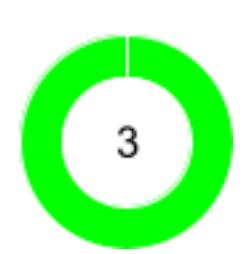
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test         | PASSED | 0.263 s  |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 1.401 s  |
| 3 | And clicks run button  | PASSED | 0.184 s  |
| 4 | Then The user is presented with the result after run button is clicked         | PASSED | 0.084 s  |

### The user is presented with error message for invalid code in Editor for Graph page



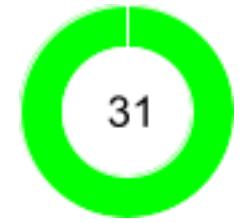
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test                    | PASSED | 0.516 s  |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1          | PASSED | 0.316 s  |
| 3 | And clicks run button   | PASSED | 0.188 s  |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.079 s  |

### The user is able to click and navigate to Practice Questions

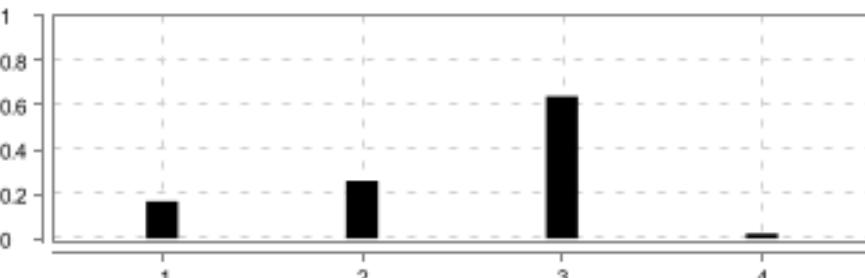
|   |                    |  |  |   |
|---|--------------------|--|--|---|
| PASSED  | DURATION - 1.466 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 5:20:47.037 PM // 5:20:48.503 PM /          |                    |  |  |   |
| <i>DataStructures-Introduction feature</i>    |                    |  |  |   |
| @DataStructures-Introduction @DataStructures6 |                    |  |  |   |

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "Time Complexity" after logged in | PASSED | 0.116 s  |
| 2 | When the user clicks on Practice Questions link            | PASSED | 1.319 s  |
| 3 | Then The user is directed to "Practice Questions" page     | PASSED | 0.015 s  |

## Array feature

|                                      |                     |  |   |  |   |
|--------------------------------------|---------------------|--|---|--|---|
| PASSED                               | DURATION - 38.744 s | Scenarios<br>Total - 31<br>Pass - 31<br>Fail - 0<br>Skip - 0 |  | Steps<br>Total - 124<br>Pass - 124<br>Fail - 0<br>Skip - 0 |  |
| / 5:20:48.541 PM // 5:21:27.285 PM / |                     |  |   |  |   |

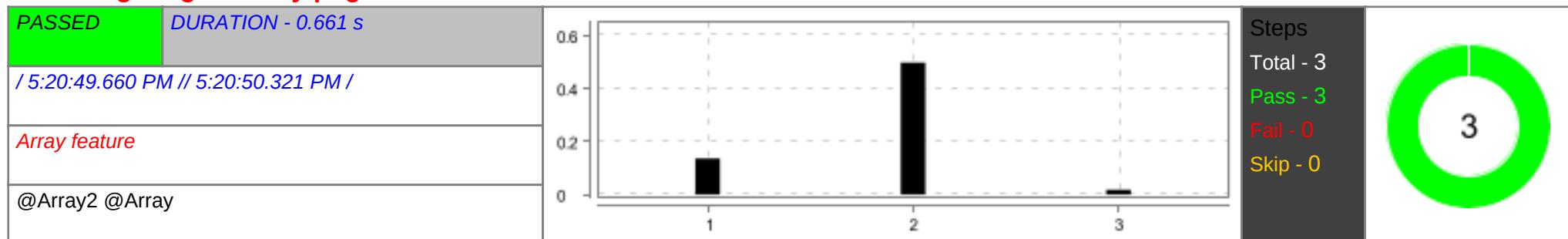
## The user is logged in to DS Algo portal

|                                      |                    |  |  |   |
|--------------------------------------|--------------------|--|--|---|
| PASSED                               | DURATION - 1.101 s |  | Steps<br>Total - 4<br>Pass - 4<br>Fail - 0<br>Skip - 0 |  |
| / 5:20:48.541 PM // 5:20:49.642 PM / |                    |  |  |   |
| <i>Array feature</i>                 |                    |  |  |   |
| @Array1 @Array                       |                    |  |  |   |

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on Signin page of DS Algo portal                   | PASSED | 0.167 s  |
| 2 | When The user enter valid "arshsquashers@gmail.com" and "Welcome12#" | PASSED | 0.259 s  |

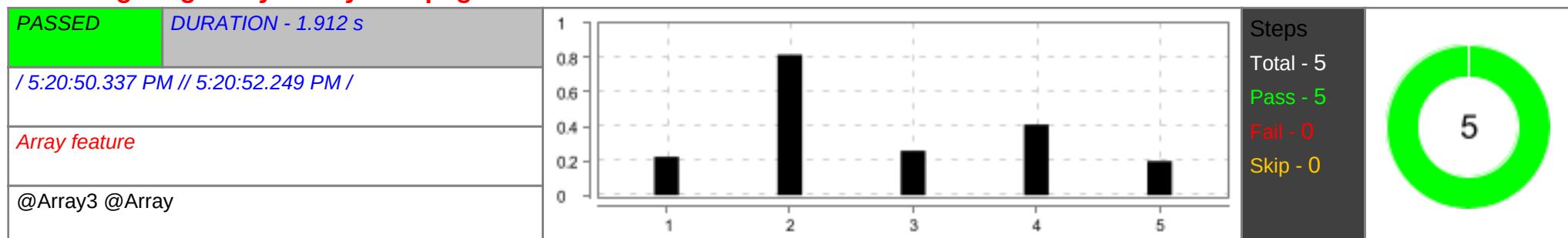
| # | Step / Hook Details                  | Status | Duration |
|---|--------------------------------------|--------|----------|
| 3 | And The user click on login button   | PASSED | 0.639 s  |
| 4 | Then The user redirected to homepage | PASSED | 0.022 s  |

### Navigating to Array page



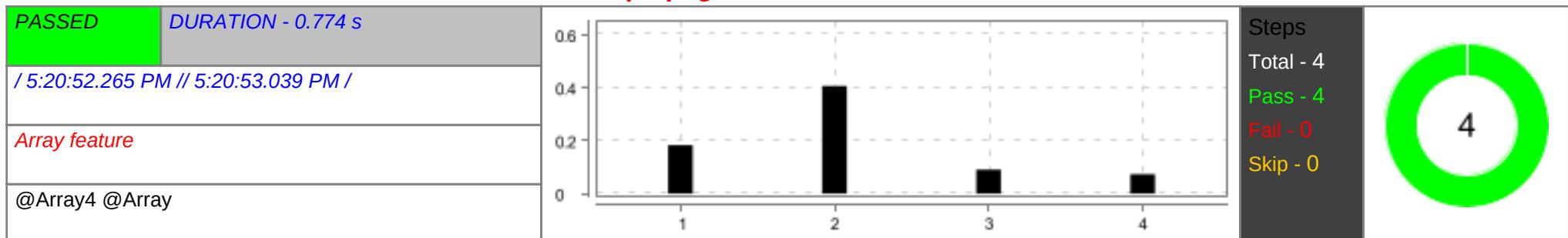
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "home page" after logged in       | PASSED | 0.136 s  |
| 2 | When The user clicks on the Get Started button below Array | PASSED | 0.498 s  |
| 3 | Then The user is redirected to "Array" Page                | PASSED | 0.018 s  |

### Navigating Arrays in Python page



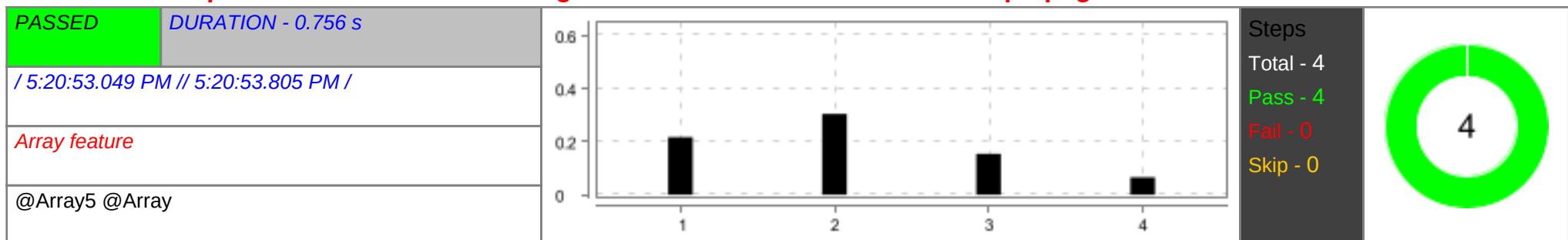
| # | Step / Hook Details                                    | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in "Array" page                      | PASSED | 0.223 s  |
| 2 | When The user clicks Arrays in Python link             | PASSED | 0.816 s  |
| 3 | Then The user is redirected to "Arrays in Python" page | PASSED | 0.258 s  |
| 4 | When The user clicks the Try here link                 | PASSED | 0.410 s  |
| 5 | Then The user is redirected to "Try Editor" page       | PASSED | 0.198 s  |

### The user is able to run code in Editor for Graph page



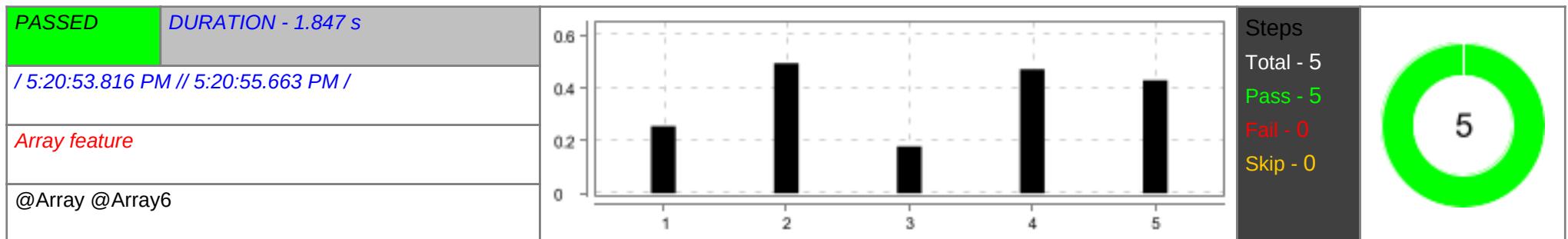
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test         | PASSED | 0.183 s  |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.407 s  |
| 3 | And clicks run button  | PASSED | 0.091 s  |
| 4 | Then The user is presented with the result after run button is clicked         | PASSED | 0.073 s  |

### The user is presented with error message for invalid code in Editor for Graph page



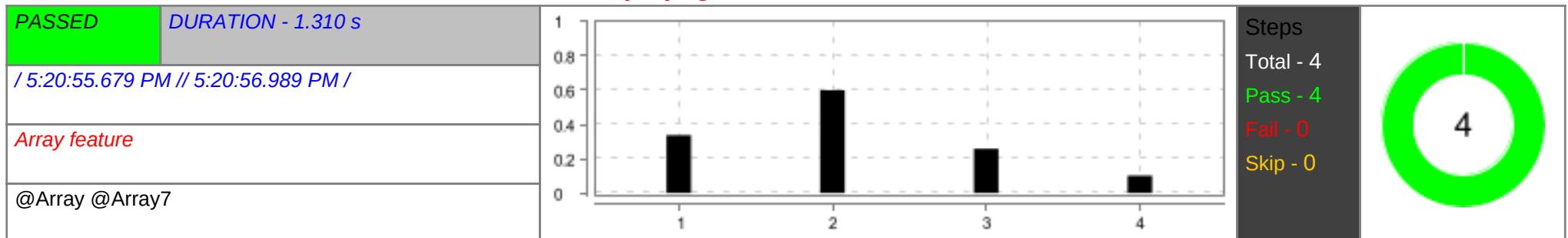
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test                    | PASSED | 0.217 s  |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1          | PASSED | 0.305 s  |
| 3 | And clicks run button   | PASSED | 0.154 s  |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.066 s  |

### Navigating Arrays Using List page



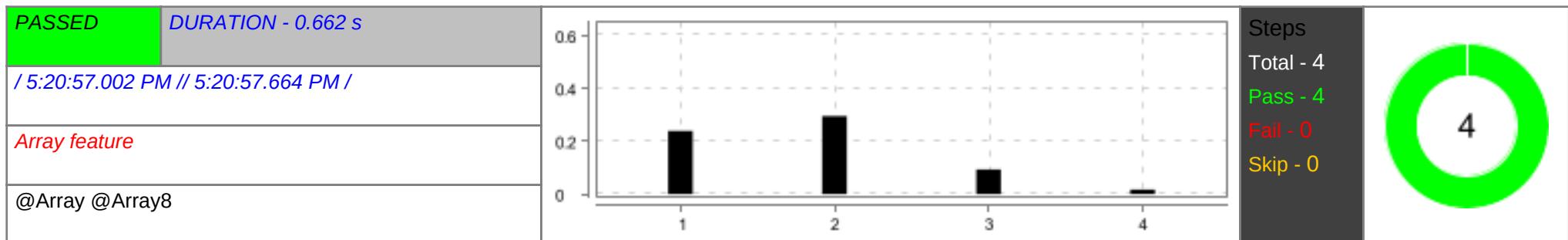
| # | Step / Hook Details                                     | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in "Array" page                       | PASSED | 0.255 s  |
| 2 | When The user clicks Arrays Using List link             | PASSED | 0.495 s  |
| 3 | Then The user is redirected to "Arrays Using List" page | PASSED | 0.178 s  |
| 4 | When The user clicks the Try here link                  | PASSED | 0.472 s  |
| 5 | Then The user is redirected to "Try Editor" page        | PASSED | 0.430 s  |

### The user is able to run code in Editor for Graph page



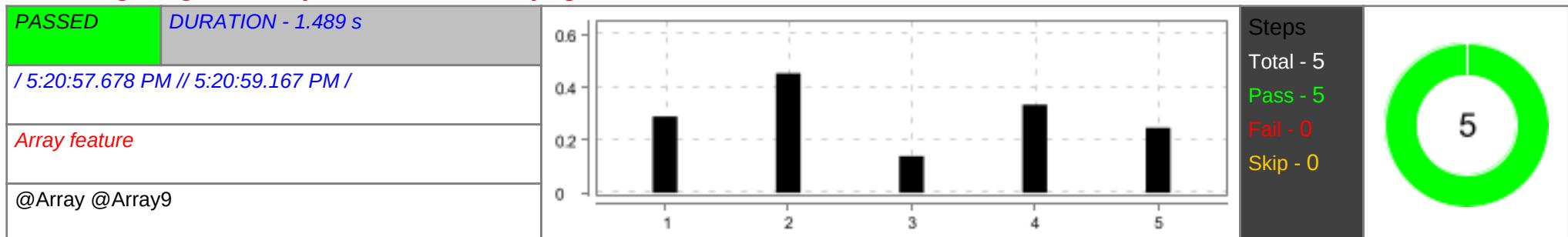
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test         | PASSED | 0.337 s  |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.599 s  |
| 3 | And clicks run button  | PASSED | 0.258 s  |
| 4 | Then The user is presented with the result after run button is clicked         | PASSED | 0.101 s  |

### The user is presented with error message for invalid code in Editor for Graph page



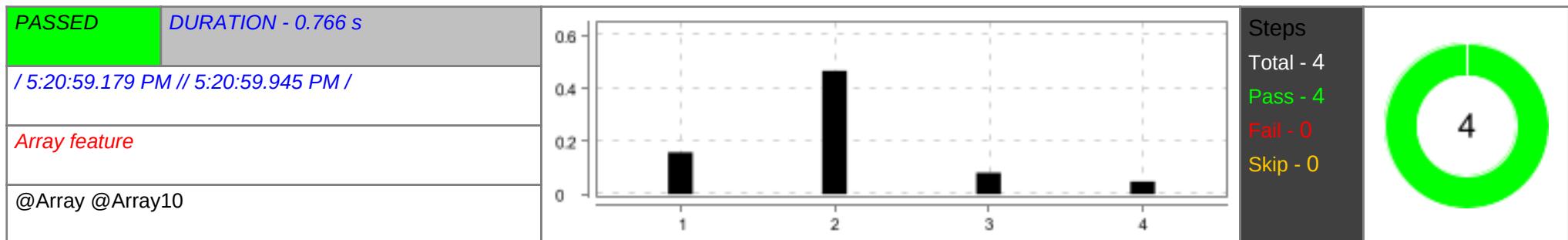
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test                    | PASSED | 0.239 s  |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1          | PASSED | 0.295 s  |
| 3 | And clicks run button   | PASSED | 0.093 s  |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.017 s  |

### Navigating Basic Operations in Lists page



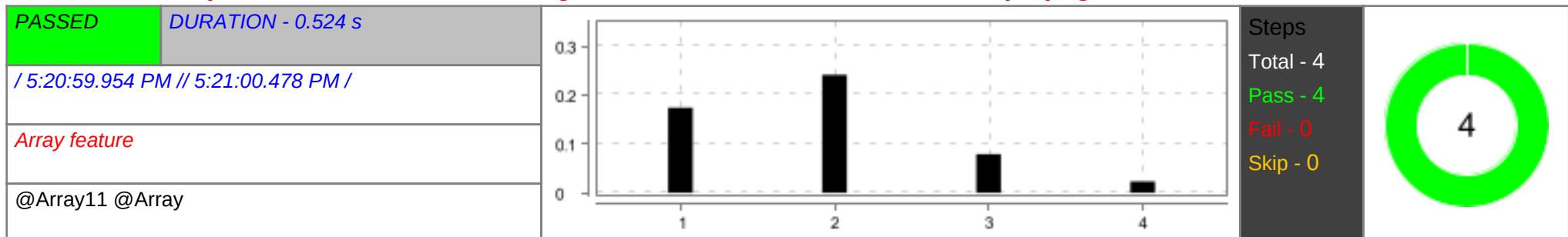
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in "Array" page                               | PASSED | 0.290 s  |
| 2 | When The user clicks Basic Operations in Lists link             | PASSED | 0.454 s  |
| 3 | Then The user is redirected to "Basic Operations in Lists" page | PASSED | 0.139 s  |
| 4 | When The user clicks the Try here link                          | PASSED | 0.335 s  |
| 5 | Then The user is redirected to "Try Editor" page                | PASSED | 0.247 s  |

The user is able to run code in Editor for Graph page



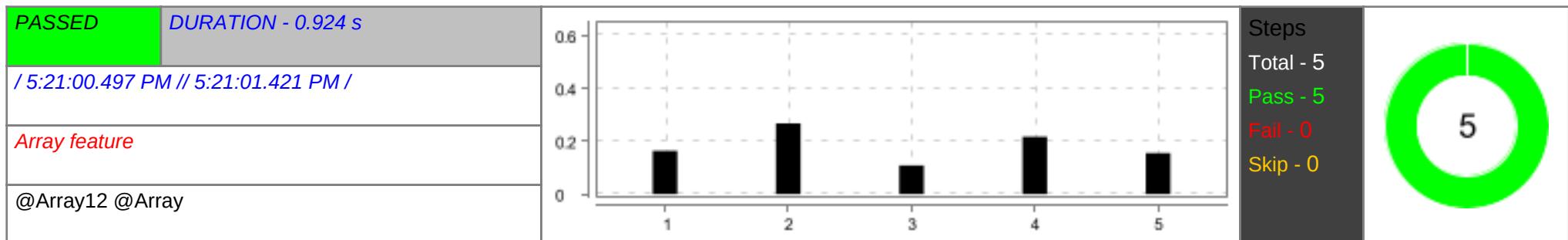
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test         | PASSED | 0.158 s  |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.467 s  |
| 3 | And clicks run button  | PASSED | 0.081 s  |
| 4 | Then The user is presented with the result after run button is clicked         | PASSED | 0.048 s  |

### The user is presented with error message for invalid code in Editor for Graph page



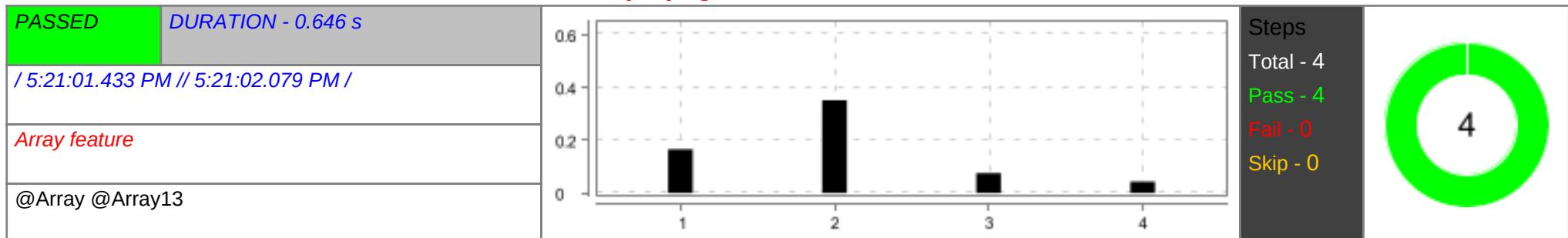
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test                    | PASSED | 0.174 s  |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1          | PASSED | 0.241 s  |
| 3 | And clicks run button   | PASSED | 0.079 s  |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.023 s  |

### Navigating Applications of Array page



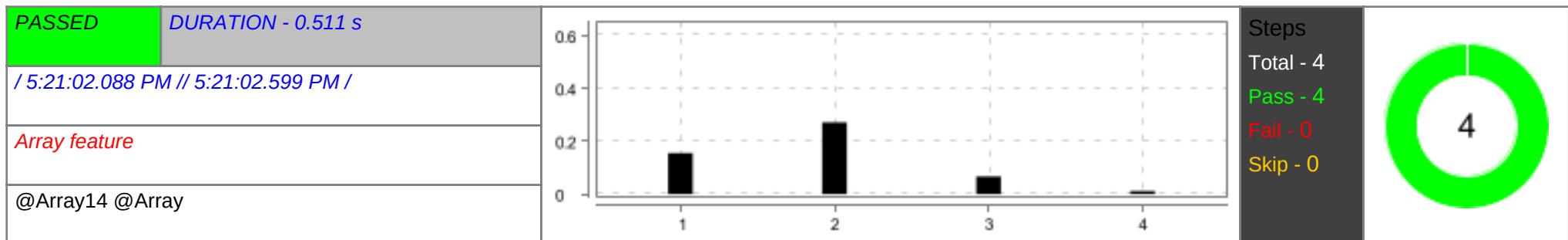
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in "Array" page                           | PASSED | 0.164 s  |
| 2 | When The user clicks Applications of Array link             | PASSED | 0.268 s  |
| 3 | Then The user is redirected to "Applications of Array" page | PASSED | 0.109 s  |
| 4 | When The user clicks the Try here link                      | PASSED | 0.217 s  |
| 5 | Then The user is redirected to "Try Editor" page            | PASSED | 0.155 s  |

### The user is able to run code in Editor for Graph page



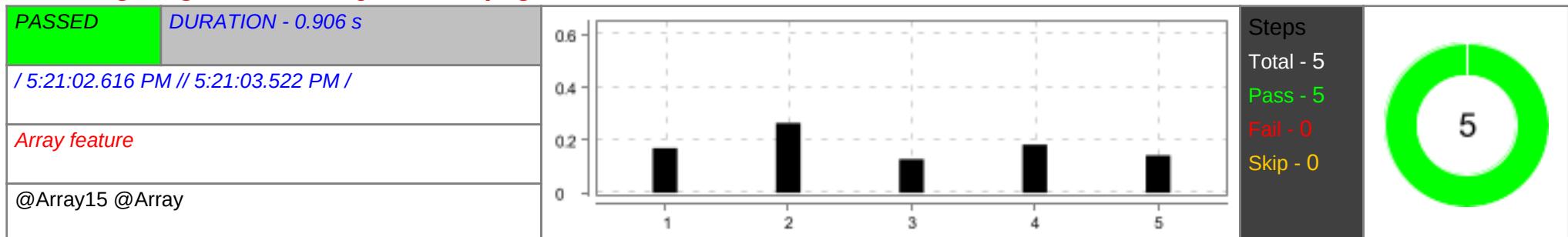
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test         | PASSED | 0.166 s  |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.352 s  |
| 3 | And clicks run button  | PASSED | 0.075 s  |
| 4 | Then The user is presented with the result after run button is clicked         | PASSED | 0.043 s  |

### The user is presented with error message for invalid code in Editor for Graph page



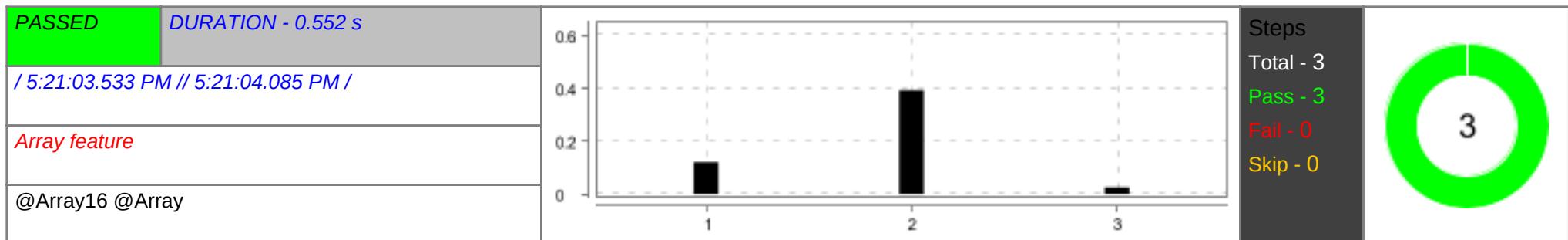
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test                    | PASSED | 0.155 s  |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1          | PASSED | 0.272 s  |
| 3 | And clicks run button   | PASSED | 0.067 s  |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.011 s  |

### Navigating to Practice Questions page



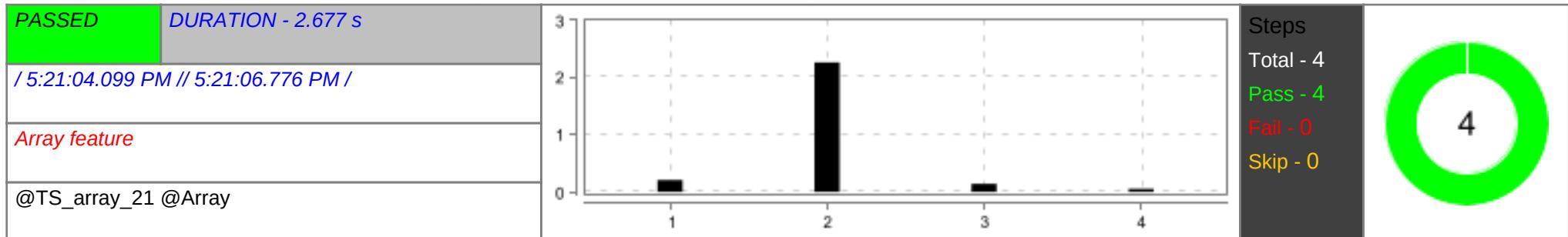
| # | Step / Hook Details                                      | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in "Array" page                        | PASSED | 0.170 s  |
| 2 | When The user clicks Applications of Array link          | PASSED | 0.265 s  |
| 3 | Then The user is redirected to "Arrays in Python" page   | PASSED | 0.128 s  |
| 4 | When The user clicks Practice Questions link             | PASSED | 0.183 s  |
| 5 | Then The user is redirected to "Practice Questions" page | PASSED | 0.142 s  |

The user is able to navigate to Question page from Search the array link



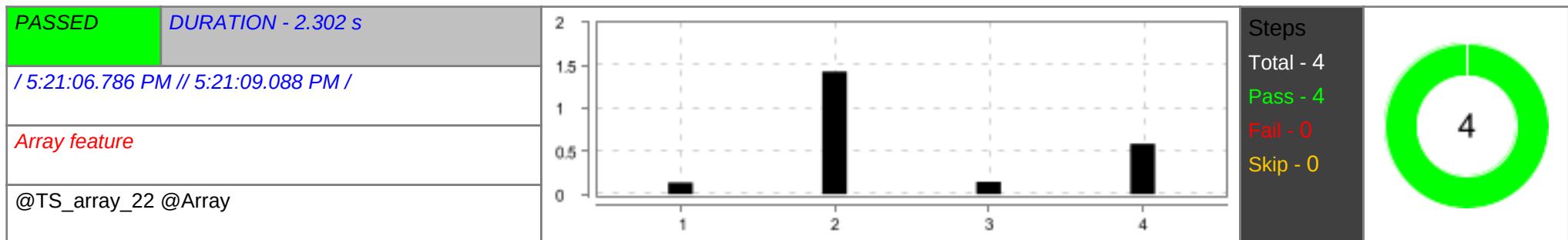
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the "Practice Questions" after logged in   | PASSED | 0.121 s  |
| 2 | When The user clicks the Search the array link  | PASSED | 0.394 s  |
| 3 | Then The user should be redirected to question page contains an tryEditor with Run and Submit buttons | PASSED | 0.026 s  |

### The user is able to run code in tryEditor for Search the array link



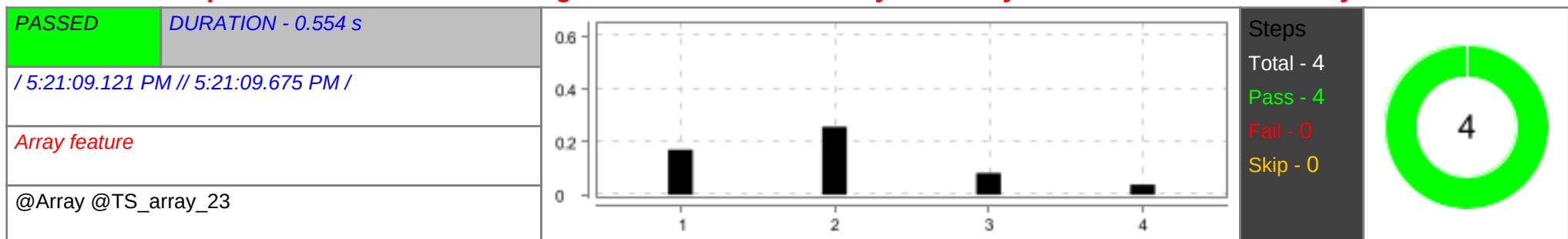
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on Question page of "Search the array" after logged in                          | PASSED | 0.205 s  |
| 2 | When The user enter valid python code in tryEditor from sheet "pythonCode" and 2 for the question | PASSED | 2.259 s  |
| 3 | And The user clicks on run button   | PASSED | 0.143 s  |
| 4 | Then The user should be presented with Run result   | PASSED | 0.054 s  |

### The user is able to submit code in tryEditor for Search the array link



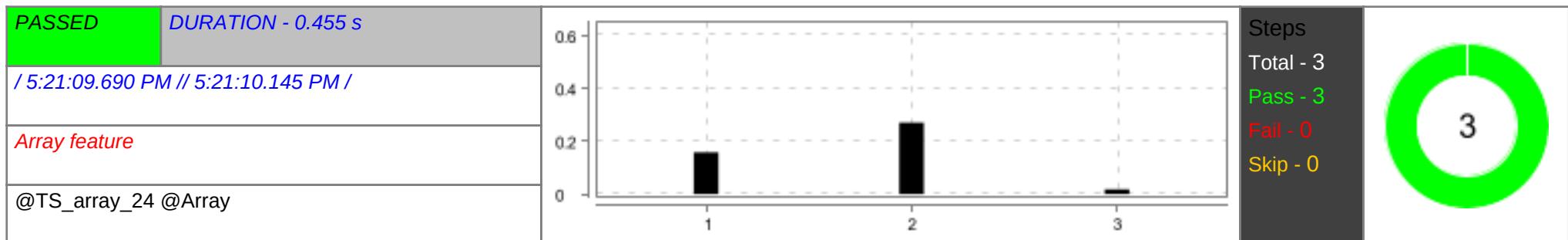
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on Question page of "Search the array" after logged in                          | PASSED | 0.134 s  |
| 2 | When The user enter valid python code in tryEditor from sheet "pythonCode" and 3 for the question | PASSED | 1.427 s  |
| 3 | And The user clicks on Submit button  | PASSED | 0.145 s  |
| 4 | Then The user should be presented with successful submission message                              | PASSED | 0.587 s  |

### The user is presented with error message for code with invalid syntax in tryEditor for Search the array link



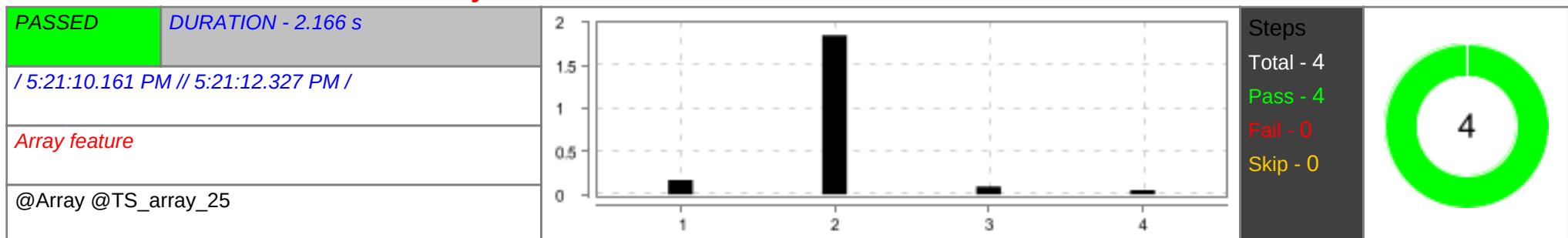
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on Question page of "Search the array" after logged in                       | PASSED | 0.171 s  |
| 2 | When The user enter python code with invalid syntax in tryEditor from sheet "pythonCode" and 1 | PASSED | 0.257 s  |
| 3 | And The user clicks on run button  | PASSED | 0.082 s  |
| 4 | Then The user should be presented with error message as "SyntaxError: bad input on line 1"     | PASSED | 0.038 s  |

### The user is able to navigate to Question page from Max Consecutive Ones



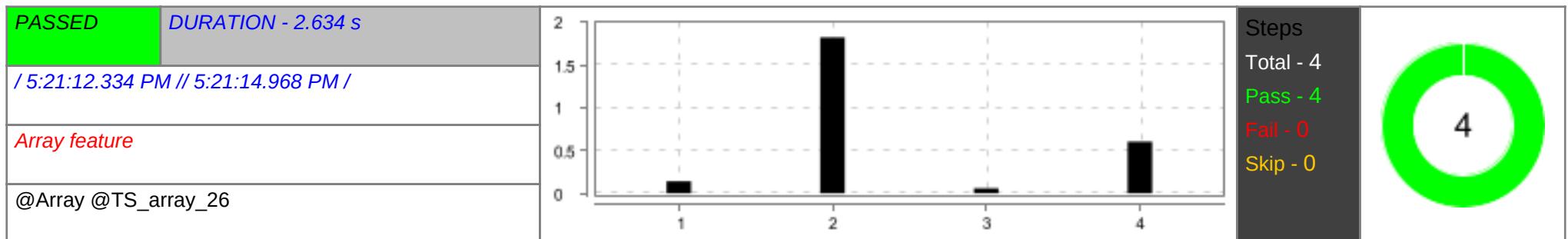
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the "Practice Questions" after logged in   | PASSED | 0.158 s  |
| 2 | When The user clicks the Max Consecutive Ones link  | PASSED | 0.271 s  |
| 3 | Then The user should be redirected to question page contains an tryEditor with Run and Submit buttons | PASSED | 0.018 s  |

### The user is able to run code in tryEditor for Max Consecutive Ones



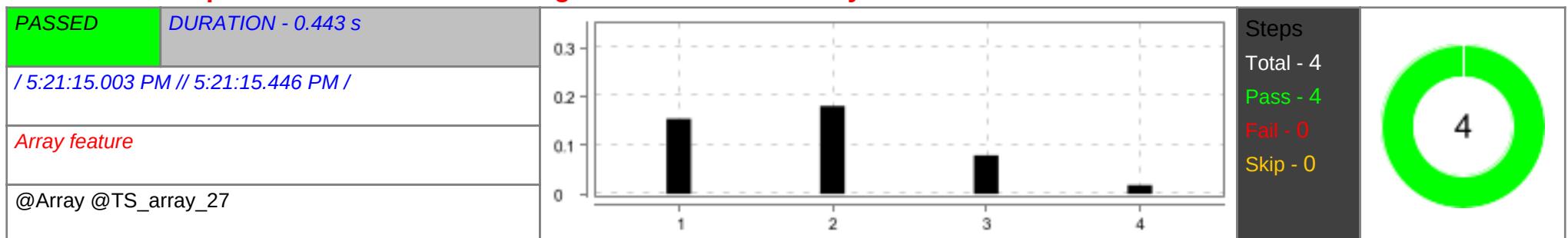
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on Question page of "Max Consecutive Ones" after logged in                      | PASSED | 0.166 s  |
| 2 | When The user enter valid python code in tryEditor from sheet "pythonCode" and 4 for the question | PASSED | 1.849 s  |
| 3 | And The user clicks on run button   | PASSED | 0.091 s  |
| 4 | Then The user should be presented with Run result   | PASSED | 0.051 s  |

### The user is able to submit code in tryEditor for Max Consecutive Ones



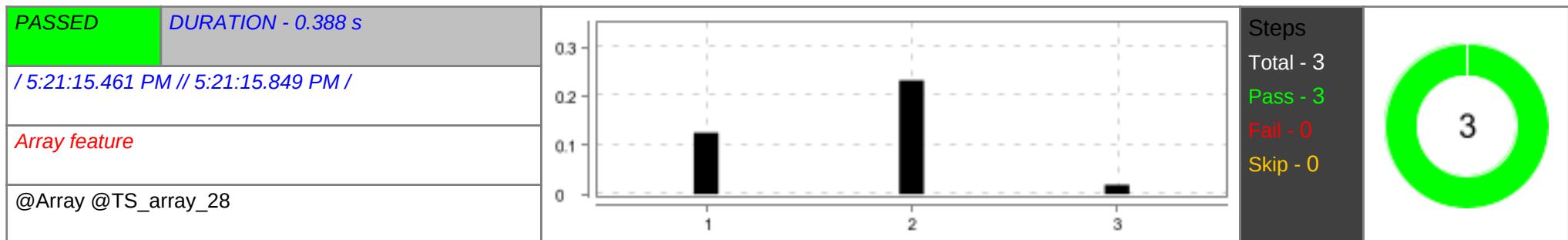
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on Question page of "Max Consecutive Ones" after logged in                      | PASSED | 0.140 s  |
| 2 | When The user enter valid python code in tryEditor from sheet "pythonCode" and 5 for the question | PASSED | 1.823 s  |
| 3 | And The user clicks on Submit button  | PASSED | 0.059 s  |
| 4 | Then The user should be presented with successful submission message                              | PASSED | 0.603 s  |

### The user is presented with error message for invalid code in tryEditor for Max Consecutive Ones



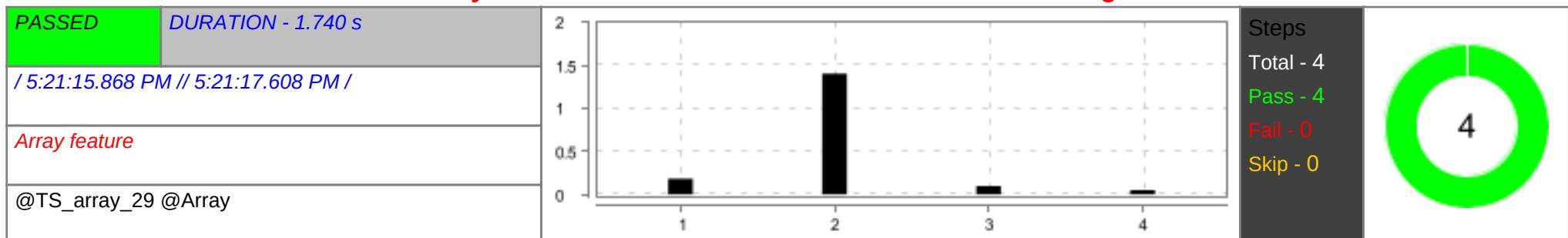
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on Question page of "Max Consecutive Ones" after logged in                   | PASSED | 0.154 s  |
| 2 | When The user enter python code with invalid syntax in tryEditor from sheet "pythonCode" and 1 | PASSED | 0.180 s  |
| 3 | And The user clicks on run button  | PASSED | 0.079 s  |
| 4 | Then The user should be presented with error message as "SyntaxError: bad input on line 1"     | PASSED | 0.018 s  |

### The user is able to navigate to Question page from Find Numbers with Even Number of Digits



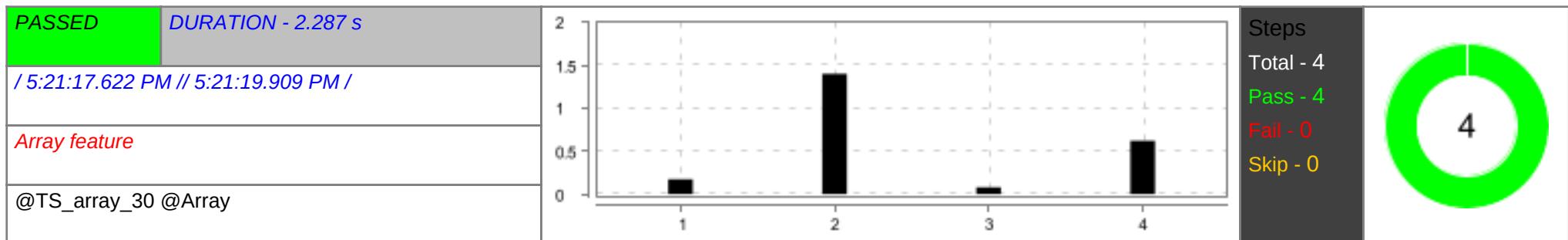
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the "Practice Questions" after logged in   | PASSED | 0.125 s  |
| 2 | When The user clicks the Find Numbers with Even Number of Digits link                                 | PASSED | 0.232 s  |
| 3 | Then The user should be redirected to question page contains an tryEditor with Run and Submit buttons | PASSED | 0.019 s  |

### The user is able to run code in tryEditor for Find Numbers with Even Number of Digits



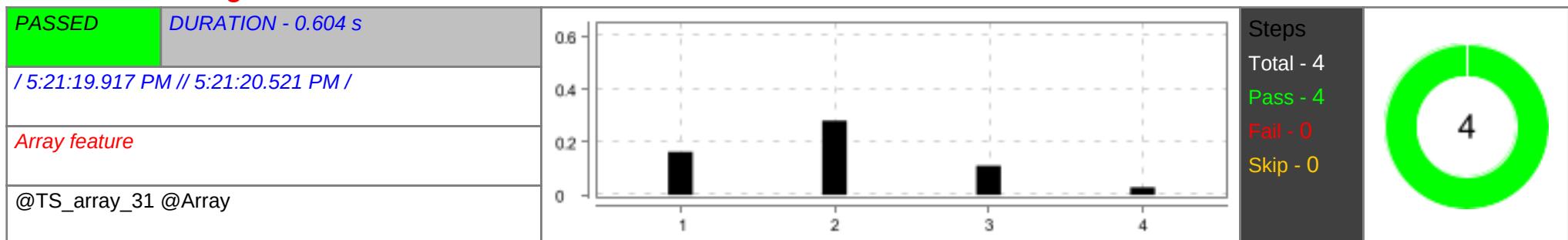
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on Question page of "Find Numbers with Even Number of Digits" after logged in   | PASSED | 0.181 s  |
| 2 | When The user enter valid python code in tryEditor from sheet "pythonCode" and 6 for the question | PASSED | 1.404 s  |
| 3 | And The user clicks on run button   | PASSED | 0.097 s  |
| 4 | Then The user should be presented with Run result   | PASSED | 0.049 s  |

### The user is able to submit code in tryEditor for Find Numbers with Even Number of Digits



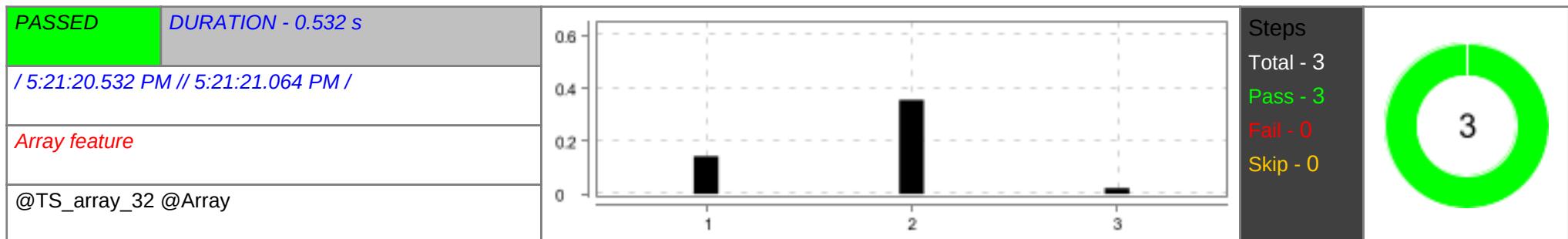
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on Question page of "Find Numbers with Even Number of Digits" after logged in   | PASSED | 0.174 s  |
| 2 | When The user enter valid python code in tryEditor from sheet "pythonCode" and 7 for the question | PASSED | 1.403 s  |
| 3 | And The user clicks on Submit button  | PASSED | 0.080 s  |
| 4 | Then The user should be presented with successful submission message                              | PASSED | 0.622 s  |

The user is presented with error message for code with invalid syntax in tryEditor for Find Numbers with Even Number of Digits



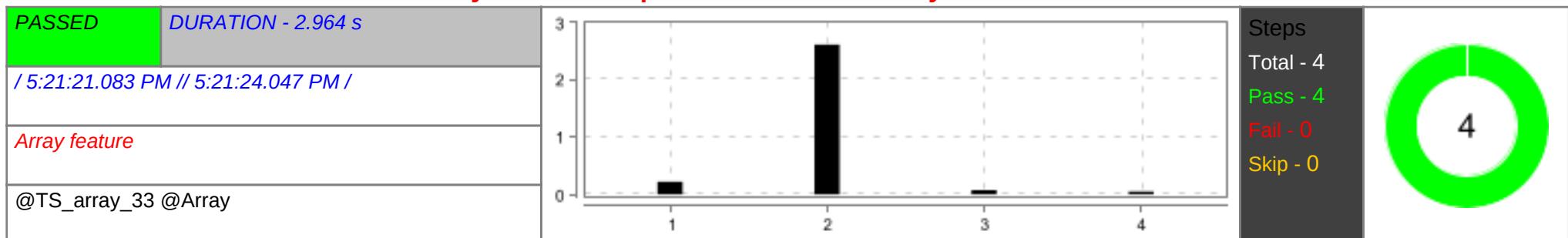
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on Question page of "Find Numbers with Even Number of Digits" after logged in | PASSED | 0.163 s  |
| 2 | When The user enter python code with invalid syntax in tryEditor from sheet "pythonCode" and 1  | PASSED | 0.281 s  |
| 3 | And The user clicks on run button   | PASSED | 0.111 s  |
| 4 | Then The user should be presented with error message as "SyntaxError: bad input on line 1"      | PASSED | 0.029 s  |

The user is able to navigate to Question page from Squares of a Sorted Array



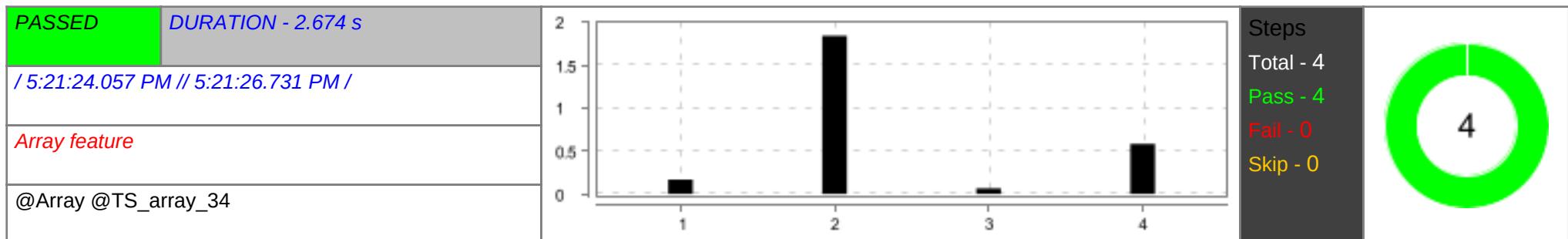
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the "Practice Questions" after logged in   | PASSED | 0.143 s  |
| 2 | When The user clicks the Squares of a Sorted Array link   | PASSED | 0.356 s  |
| 3 | Then The user should be redirected to question page contains an tryEditor with Run and Submit buttons | PASSED | 0.022 s  |

### The user is able to run code in tryEditor for Squares of a Sorted Array



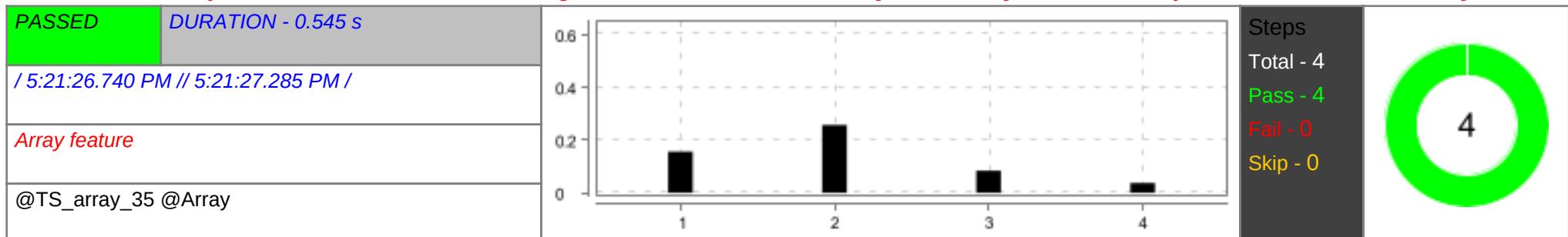
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on Question page of "Squares of a Sorted Array" after logged in                 | PASSED | 0.220 s  |
| 2 | When The user enter valid python code in tryEditor from sheet "pythonCode" and 8 for the question | PASSED | 2.612 s  |
| 3 | And The user clicks on run button   | PASSED | 0.076 s  |
| 4 | Then The user should be presented with Run result   | PASSED | 0.050 s  |

### The user is able to submit code in tryEditor for Squares of a Sorted Array



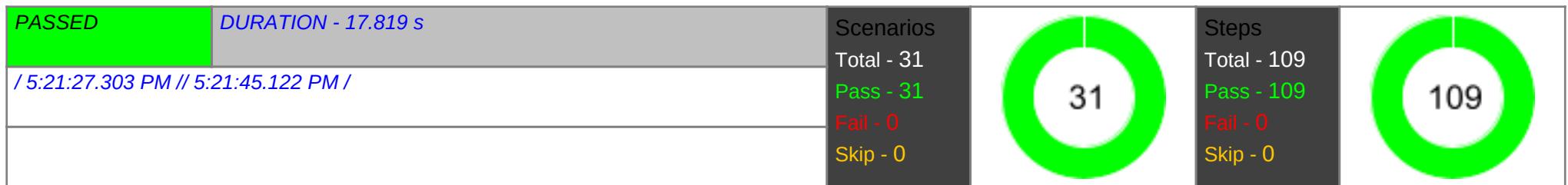
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on Question page of "Squares of a Sorted Array" after logged in                 | PASSED | 0.168 s  |
| 2 | When The user enter valid python code in tryEditor from sheet "pythonCode" and 9 for the question | PASSED | 1.844 s  |
| 3 | And The user clicks on Submit button  | PASSED | 0.066 s  |
| 4 | Then The user should be presented with successful submission message                              | PASSED | 0.585 s  |

### The user is presented with error message for code with invalid syntax in tryEditor for Squares of a Sorted Array

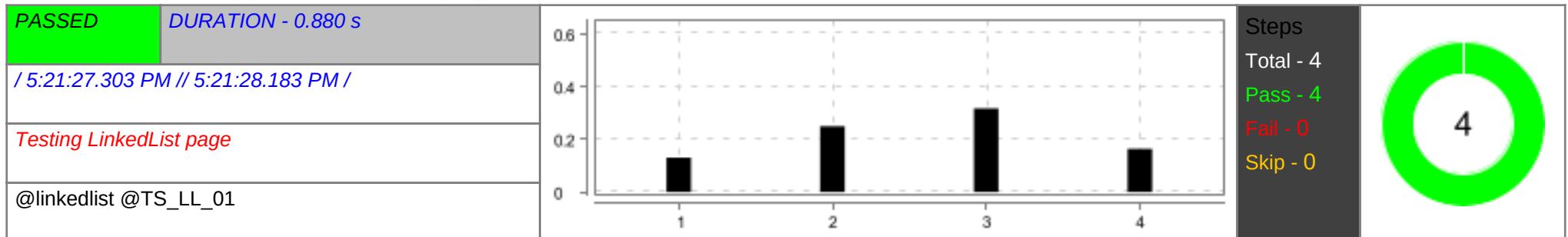


| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on Question page of "Squares of a Sorted Array" after logged in              | PASSED | 0.156 s  |
| 2 | When The user enter python code with invalid syntax in tryEditor from sheet "pythonCode" and 1 | PASSED | 0.257 s  |
| 3 | And The user clicks on run button  | PASSED | 0.084 s  |
| 4 | Then The user should be presented with error message as "SyntaxError: bad input on line 1"     | PASSED | 0.037 s  |

### Testing LinkedList page

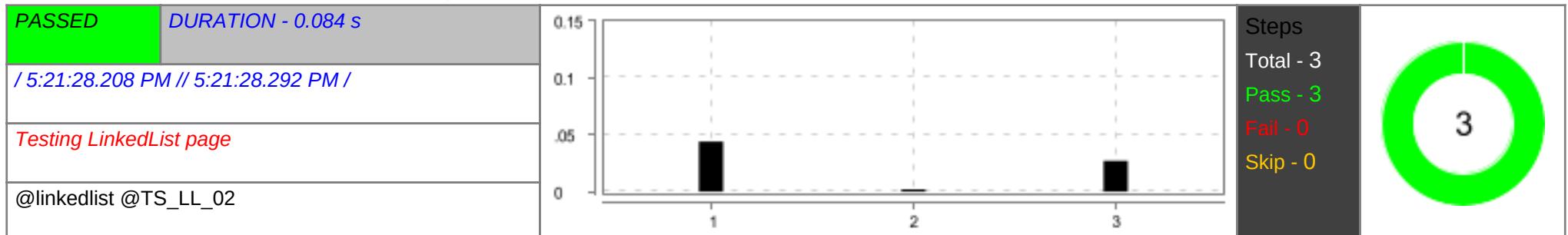


### The user is logged in to DS Algo portal



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on Signin page of DS Algo portal                   | PASSED | 0.131 s  |
| 2 | When The user enter valid "arshsquashers@gmail.com" and "Welcome12#" | PASSED | 0.250 s  |
| 3 | And The user click on login button                                   | PASSED | 0.317 s  |
| 4 | Then The user redirected to homepage                                 | PASSED | 0.164 s  |

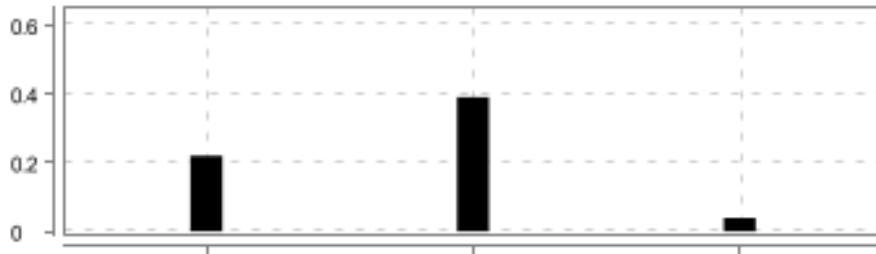
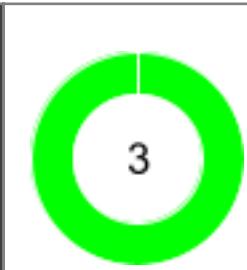
### User navigated to "linked list" page



| # | Step / Hook Details                                | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Home page after logged in | PASSED | 0.044 s  |

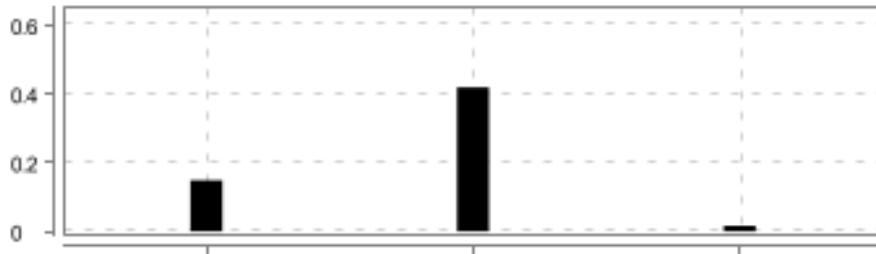
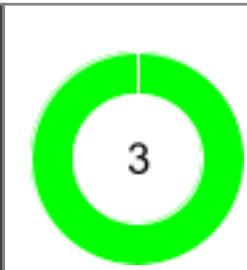
| # | Step / Hook Details                                   | Status | Duration |
|---|---|--------|----------|
| 2 | When The user clicks getstarted for LinkedList module | PASSED | 0.002 s  |
| 3 | Then The user redirected to "Linked List" Page        | PASSED | 0.027 s  |

### User navigated to "Introduction" page

|                                      |                    |  |   |   |
|--------------------------------------|--------------------|--|---|---|
| PASSED                               | DURATION - 0.660 s |  | <b>Steps</b><br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 5:21:28.305 PM // 5:21:28.965 PM / |                    |  |   |   |
| Testing LinkedList page              |                    |  |   |   |
| @linkedlist @TS_LL_03                |                    |  |   |   |

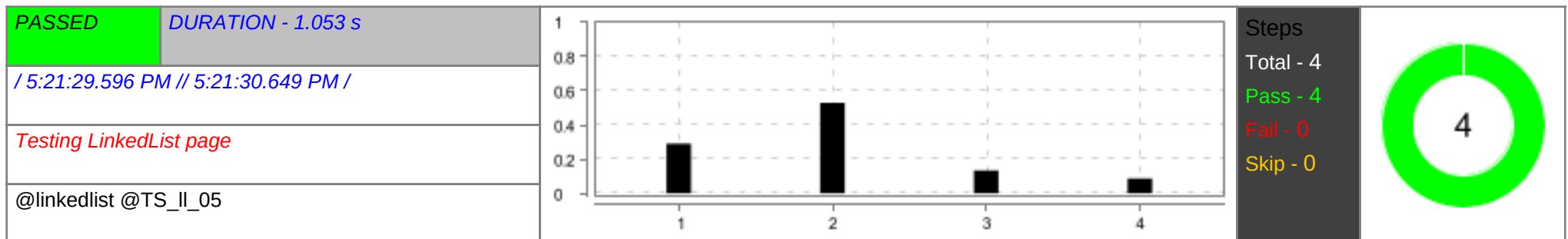
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "Linked List page" after logged in            | PASSED | 0.220 s  |
| 2 | When The user clicks Introduction link                                 | PASSED | 0.391 s  |
| 3 | Then The user should be directed to "Introduction" of Linked List Page | PASSED | 0.039 s  |

### User navigated to tryEditor page with Run button from Introduction page

|                                      |                    |   |   |  |
|--------------------------------------|--------------------|---|---|--|
| PASSED                               | DURATION - 0.601 s |  | <b>Steps</b><br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 5:21:28.977 PM // 5:21:29.578 PM / |                    |   |   |  |
| Testing LinkedList page              |                    |   |   |  |
| @linkedlist @TS_LL_04                |                    |   |   |  |

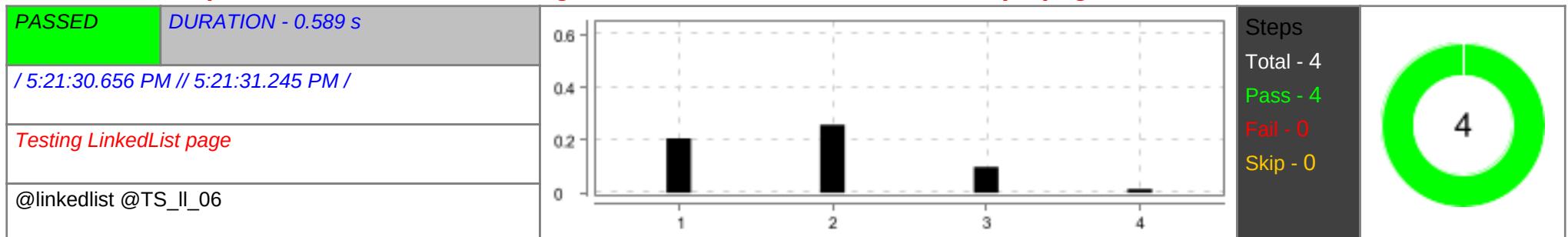
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "Introduction" after logged in                            | PASSED | 0.149 s  |
| 2 | When The user clicks "try here" button in the "introduction" page                  | PASSED | 0.419 s  |
| 3 | Then The user redirected to the page having an tryEditor with a Run button to test | PASSED | 0.016 s  |

### The user is able to run code in Editor for Graph page



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test         | PASSED | 0.290 s  |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.530 s  |
| 3 | And clicks run button  | PASSED | 0.133 s  |
| 4 | Then The user is presented with the result after run button is clicked         | PASSED | 0.087 s  |

### The user is presented with error message for invalid code in Editor for Graph page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test                    | PASSED | 0.207 s  |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1          | PASSED | 0.258 s  |
| 3 | And clicks run button   | PASSED | 0.098 s  |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.014 s  |

### User navigated to "creating linked list" page

|                                      |                    |  |  |  |
|--------------------------------------|--------------------|--|--|--|
| PASSED                               | DURATION - 0.504 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 5:21:31.259 PM // 5:21:31.763 PM / |                    |  |  |  |
| Testing LinkedList page              |                    |  |  |  |
| @linkedlist @TS_II_07                |                    |  |  |  |

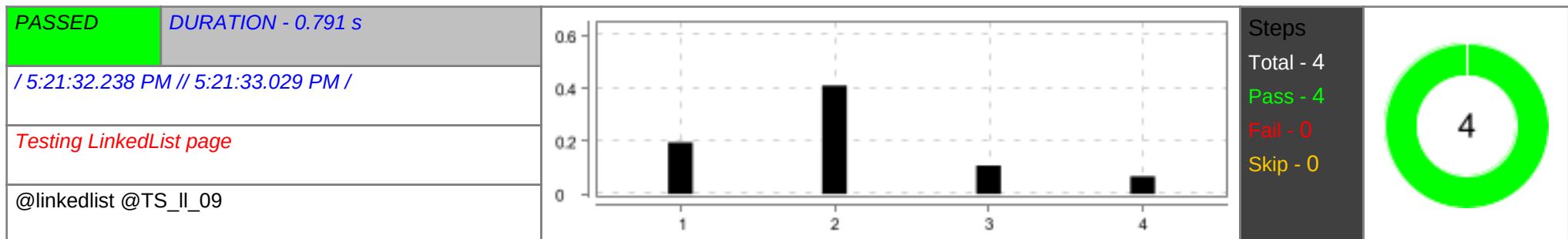
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the "Linked List page" after logged in                     | PASSED | 0.169 s  |
| 2 | When The user clicks creating linked list link                                  | PASSED | 0.305 s  |
| 3 | Then The user should be directed to "Creating Linked Llist" of Linked List Page | PASSED | 0.014 s  |

### User navigated to tryEditor page with Run button from Creating a Linked List page

|                                      |                    |  |  |  |
|--------------------------------------|--------------------|--|--|--|
| PASSED                               | DURATION - 0.432 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 5:21:31.787 PM // 5:21:32.219 PM / |                    |  |  |  |
| Testing LinkedList page              |                    |  |  |  |
| @linkedlist @TS_II_08                |                    |  |  |  |

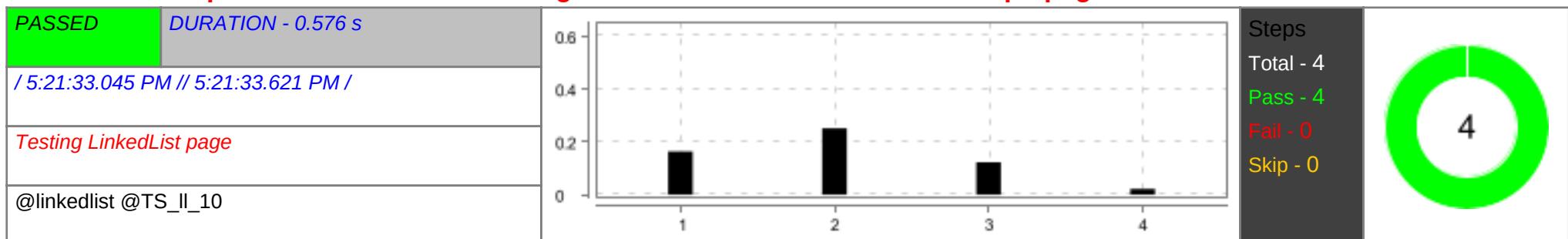
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "Creating a Linked List" after logged in                          | PASSED | 0.123 s  |
| 2 | When The user clicks "try here" button in the "creating linked list" page                  | PASSED | 0.285 s  |
| 3 | Then The user should be redirected to a page having an tryEditor with a Run button to test | PASSED | 0.010 s  |

### The user is able to run code in Editor for Graph page



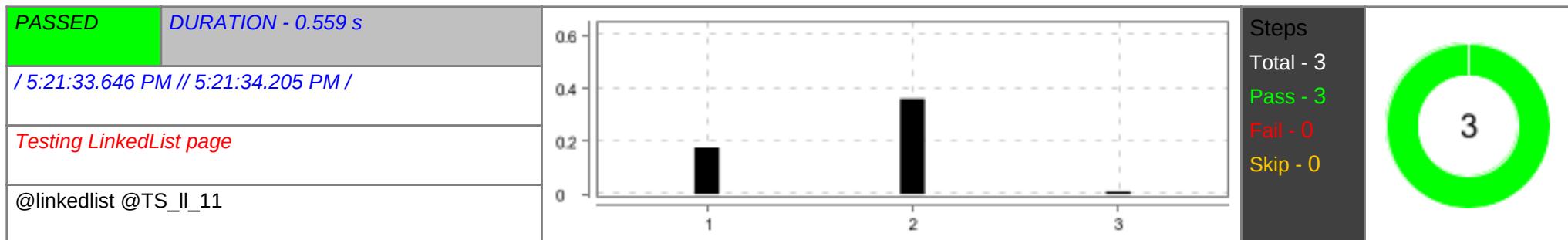
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test         | PASSED | 0.195 s  |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.411 s  |
| 3 | And clicks run button  | PASSED | 0.108 s  |
| 4 | Then The user is presented with the result after run button is clicked         | PASSED | 0.067 s  |

### The user is presented with error message for invalid code in Editor for Graph page



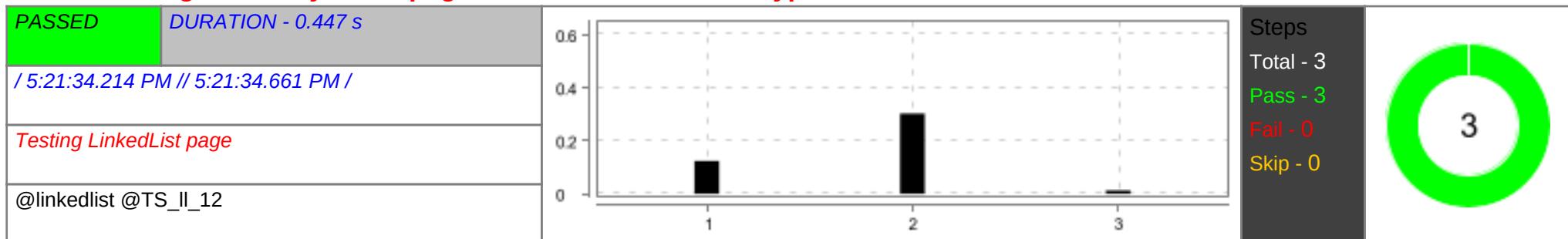
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test                    | PASSED | 0.164 s  |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1          | PASSED | 0.252 s  |
| 3 | And clicks run button   | PASSED | 0.123 s  |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.022 s  |

### User navigated to "Types of linked list" page



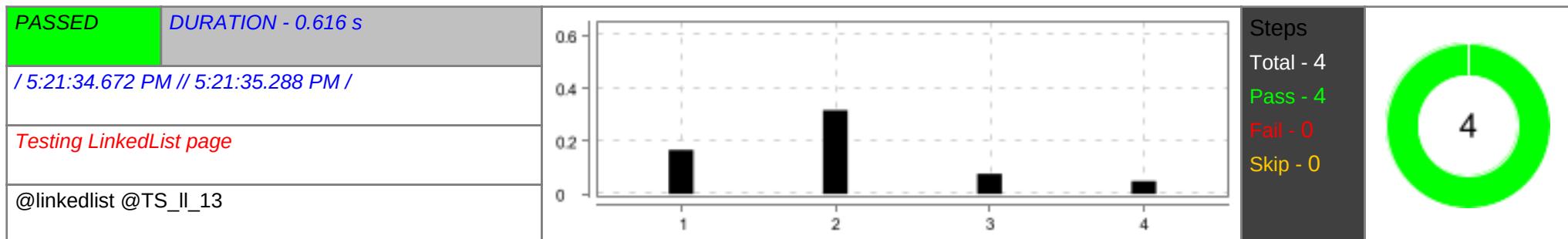
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "Linked List page" after logged in                    | PASSED | 0.176 s  |
| 2 | When The user clicks the Types of Linked List button                           | PASSED | 0.361 s  |
| 3 | Then The user should be directed to "Types of Linked List" of Linked List Page | PASSED | 0.010 s  |

### User navigated to tryEditor page with Run button from Types of Linked List



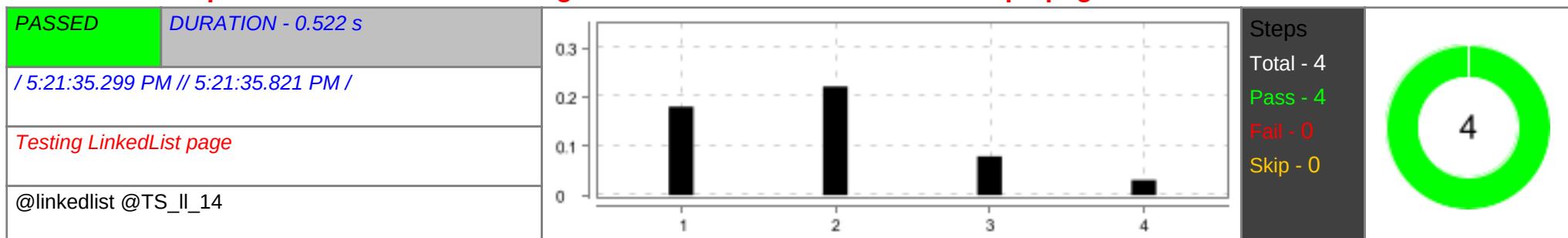
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "Types of Linked list" after logged in                            | PASSED | 0.124 s  |
| 2 | When The user clicks "Try Here" button in the "types of linked list" page                  | PASSED | 0.303 s  |
| 3 | Then The user should be redirected to a page having an tryEditor with a Run button to test | PASSED | 0.012 s  |

### The user is able to run code in Editor for Graph page



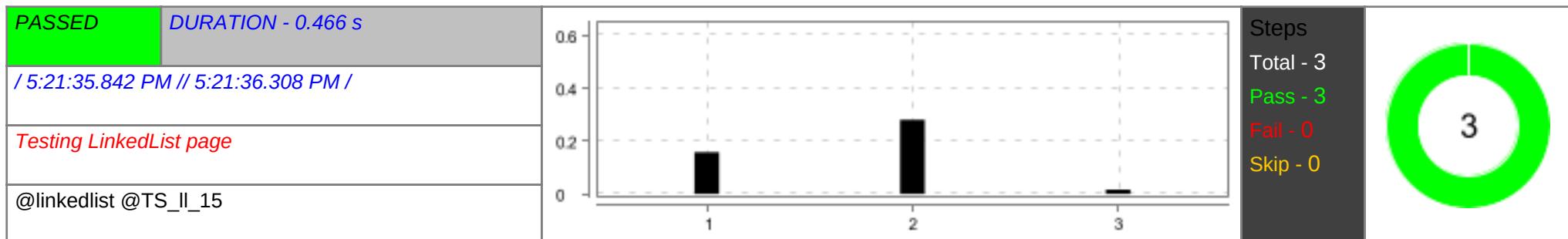
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test         | PASSED | 0.167 s  |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.317 s  |
| 3 | And clicks run button  | PASSED | 0.076 s  |
| 4 | Then The user is presented with the result after run button is clicked         | PASSED | 0.049 s  |

### The user is presented with error message for invalid code in Editor for Graph page



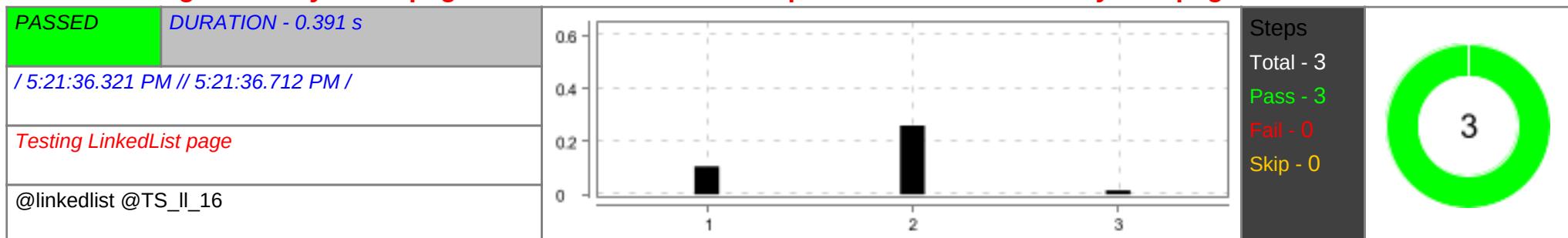
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test                    | PASSED | 0.180 s  |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1          | PASSED | 0.221 s  |
| 3 | And clicks run button   | PASSED | 0.079 s  |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.031 s  |

user navigated to "Implementation linked list in python" page



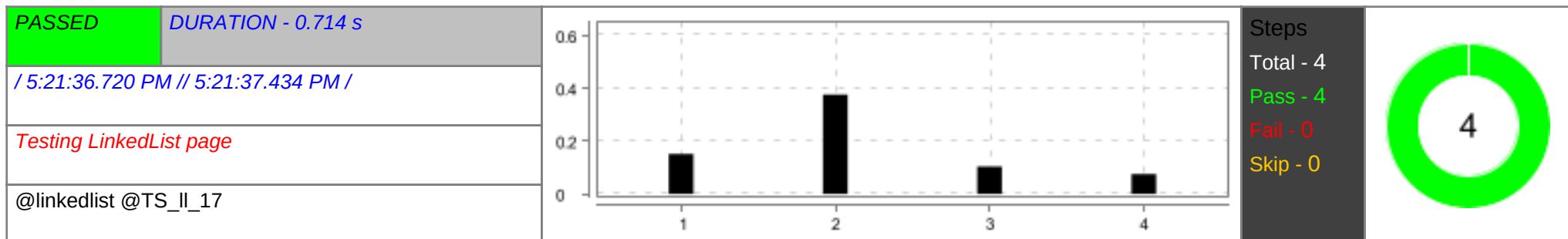
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the "Linked List page" after logged in                               | PASSED | 0.158 s  |
| 2 | When The user clicks the Implement Linked List in Python button                           | PASSED | 0.281 s  |
| 3 | Then The user should be directed to "Implement Linked List in Python" of Linked List Page | PASSED | 0.016 s  |

**User navigated to tryEditor page with Run button from Implement Linked List in Python page**



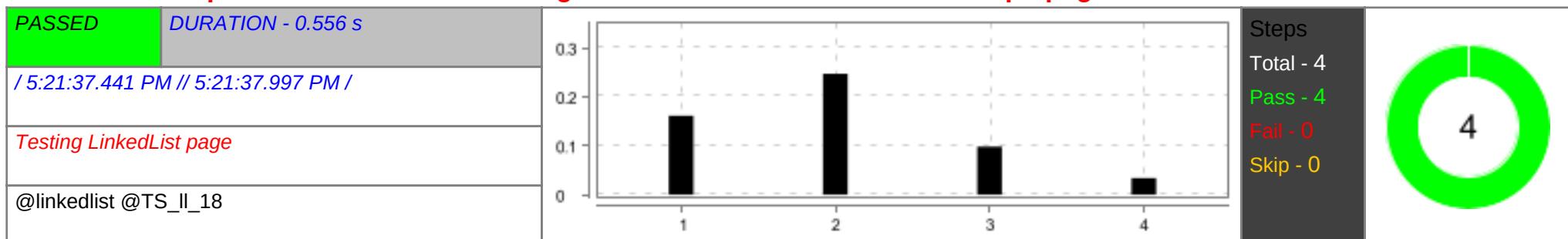
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "Implement Linked List in Python" after logged in                 | PASSED | 0.106 s  |
| 2 | When The user clicks "Try Here" button in the "implemented linked list in python" page     | PASSED | 0.260 s  |
| 3 | Then The user should be redirected to a page having an tryEditor with a Run button to test | PASSED | 0.015 s  |

**The user is able to run code in Editor for Graph page**



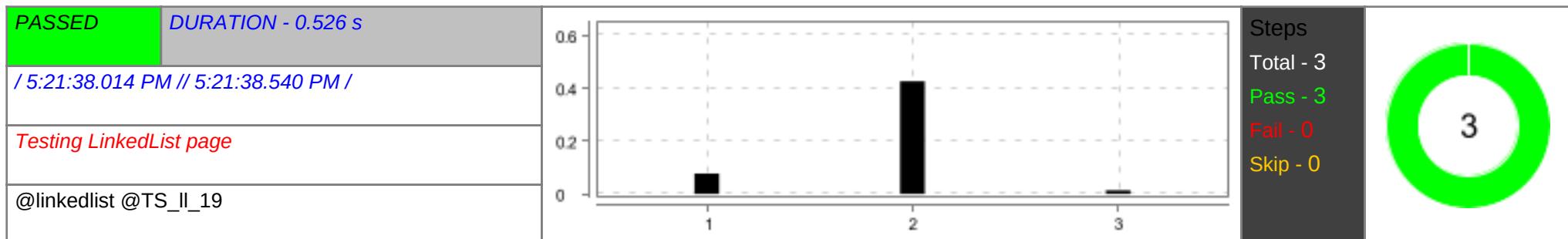
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test         | PASSED | 0.152 s  |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.376 s  |
| 3 | And clicks run button  | PASSED | 0.104 s  |
| 4 | Then The user is presented with the result after run button is clicked         | PASSED | 0.075 s  |

### The user is presented with error message for invalid code in Editor for Graph page



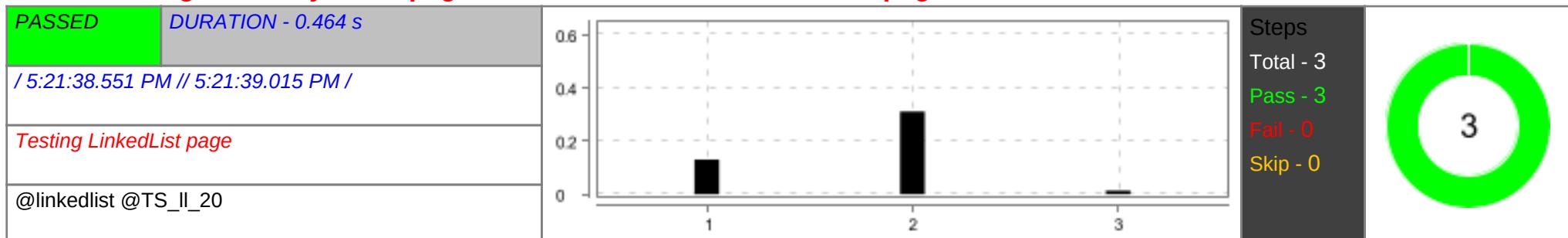
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test                    | PASSED | 0.161 s  |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1          | PASSED | 0.247 s  |
| 3 | And clicks run button   | PASSED | 0.098 s  |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.034 s  |

user navigated to "Traversal" page



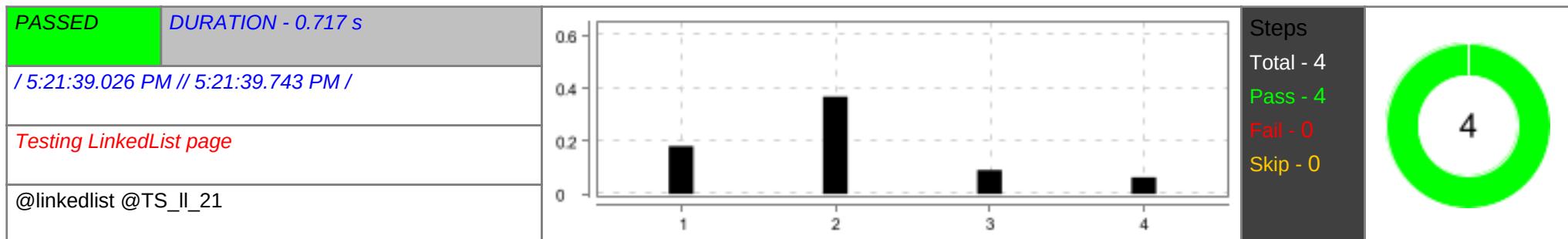
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the "Linked List page" after logged in         | PASSED | 0.077 s  |
| 2 | When The user clicks the Traversal button                           | PASSED | 0.427 s  |
| 3 | Then The user should be directed to "Traversal" of Linked List Page | PASSED | 0.013 s  |

User navigated to tryEditor page with Run button from Traversal page



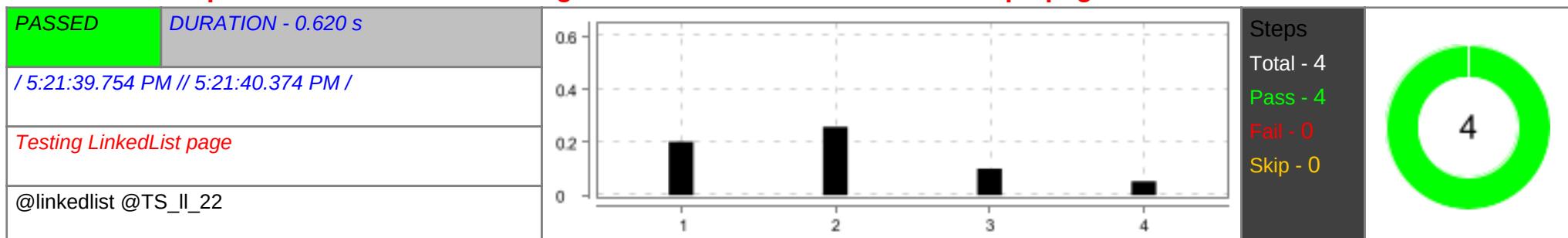
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "Traversal" after logged in                                       | PASSED | 0.131 s  |
| 2 | When The user clicks "Try Here" button in the "traversal" page                             | PASSED | 0.312 s  |
| 3 | Then The user should be redirected to a page having an tryEditor with a Run button to test | PASSED | 0.013 s  |

The user is able to run code in Editor for Graph page



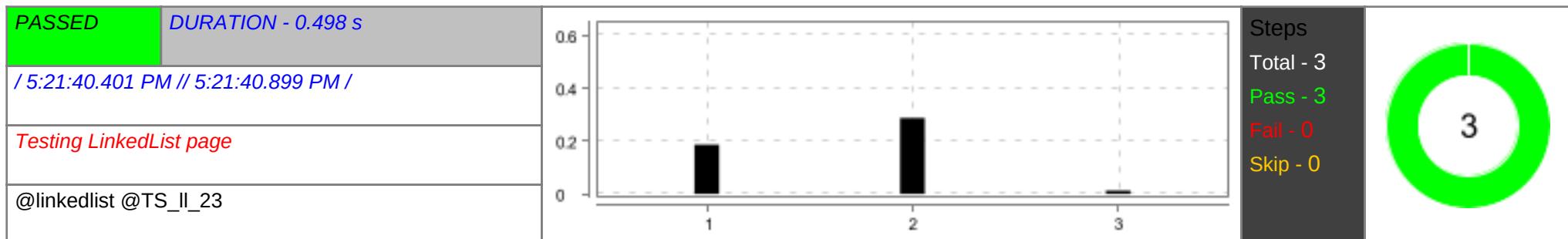
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test         | PASSED | 0.181 s  |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.369 s  |
| 3 | And clicks run button  | PASSED | 0.091 s  |
| 4 | Then The user is presented with the result after run button is clicked         | PASSED | 0.063 s  |

### The user is presented with error message for invalid code in Editor for Graph page



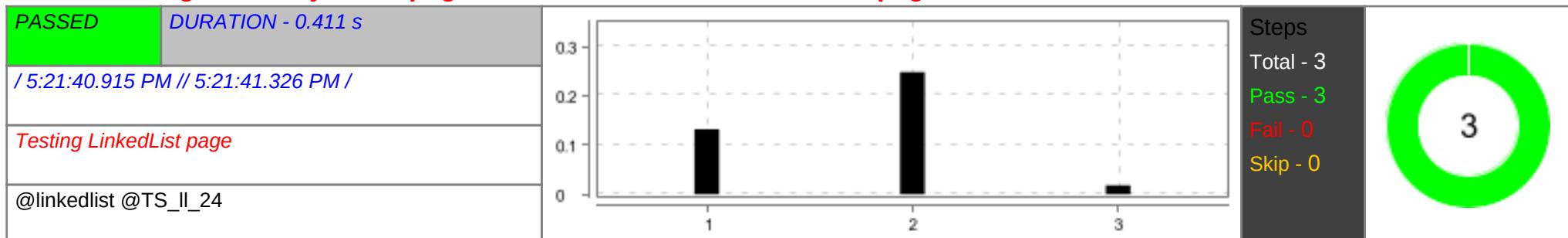
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test                    | PASSED | 0.202 s  |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1          | PASSED | 0.258 s  |
| 3 | And clicks run button   | PASSED | 0.100 s  |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.052 s  |

user navigated to "Insertion" page



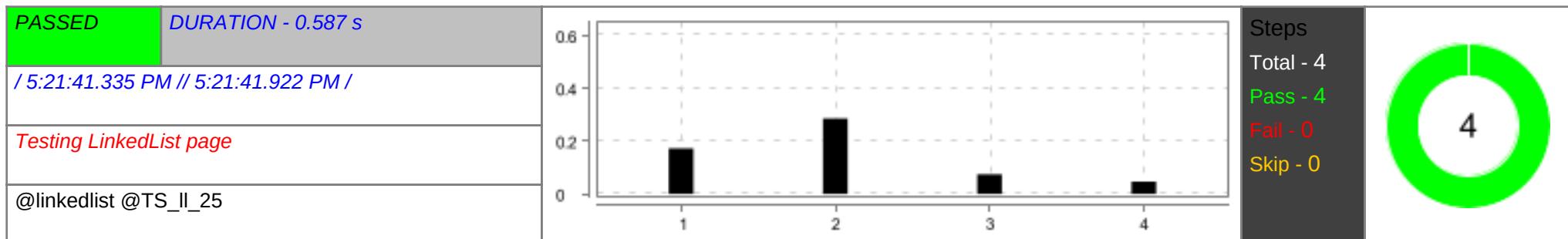
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the "Linked List page" after logged in         | PASSED | 0.187 s  |
| 2 | When The user clicks the Insertion button                           | PASSED | 0.288 s  |
| 3 | Then The user should be directed to "Insertion" of Linked List Page | PASSED | 0.012 s  |

User navigated to tryEditor page with Run button from Insertion page



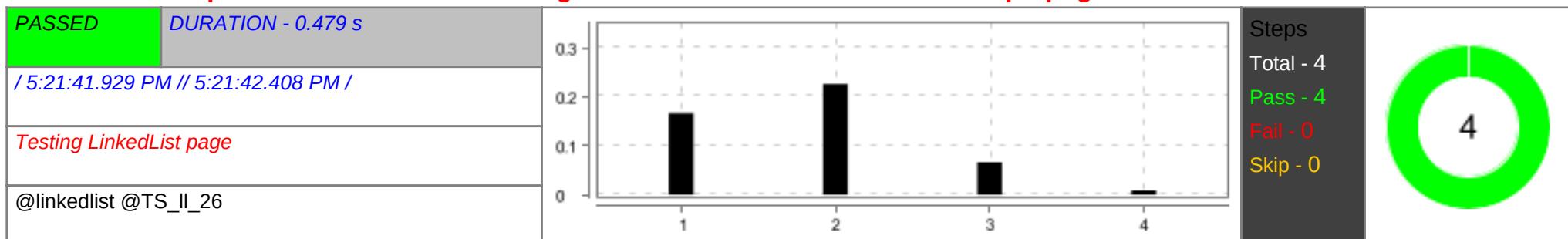
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "Insertion" after logged in                                       | PASSED | 0.132 s  |
| 2 | When The user clicks "Try Here" button in the "Insertion" page                             | PASSED | 0.248 s  |
| 3 | Then The user should be redirected to a page having an tryEditor with a Run button to test | PASSED | 0.018 s  |

The user is able to run code in Editor for Graph page



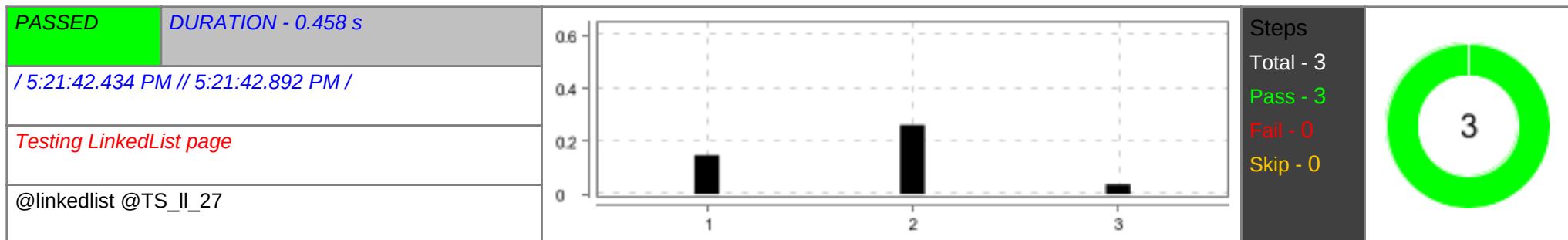
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test         | PASSED | 0.173 s  |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.286 s  |
| 3 | And clicks run button  | PASSED | 0.074 s  |
| 4 | Then The user is presented with the result after run button is clicked         | PASSED | 0.047 s  |

### The user is presented with error message for invalid code in Editor for Graph page



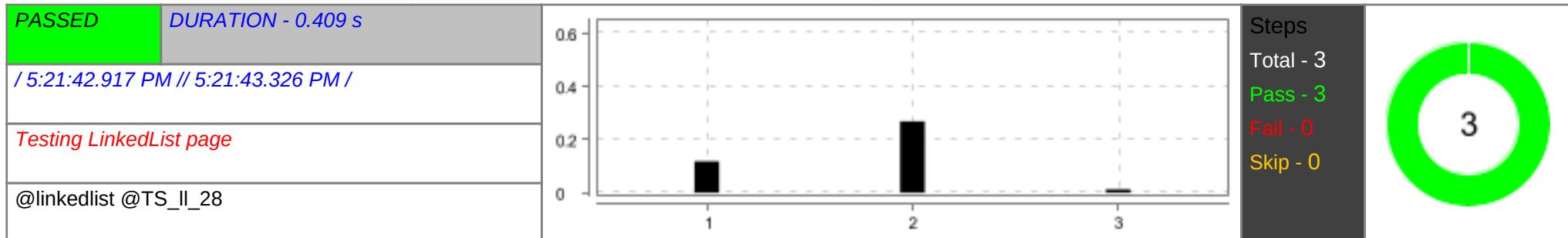
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test                    | PASSED | 0.167 s  |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1          | PASSED | 0.226 s  |
| 3 | And clicks run button   | PASSED | 0.066 s  |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.009 s  |

user navigated to "Deletion" page



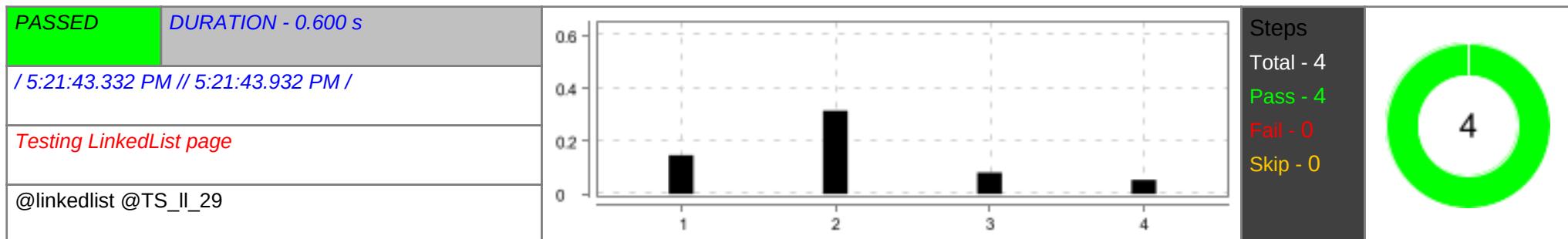
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "Linked List page" after logged in        | PASSED | 0.148 s  |
| 2 | When The user clicks the Deletion button                           | PASSED | 0.262 s  |
| 3 | Then The user should be directed to "Deletion" of Linked List Page | PASSED | 0.037 s  |

### User navigated to tryEditor page with Run button from Deletion page



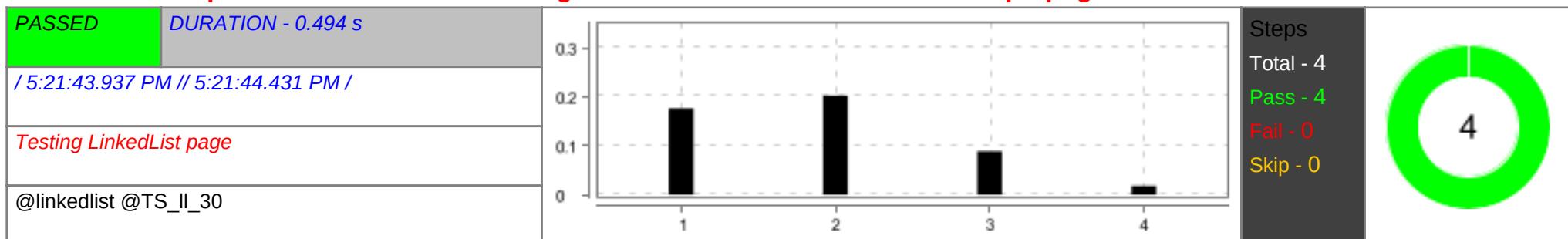
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "Deletion" after logged in  | PASSED | 0.118 s  |
| 2 | When The user clicks "Try Here" button in the "Deletion" page                              | PASSED | 0.269 s  |
| 3 | Then The user should be redirected to a page having an tryEditor with a Run button to test | PASSED | 0.012 s  |

### The user is able to run code in Editor for Graph page



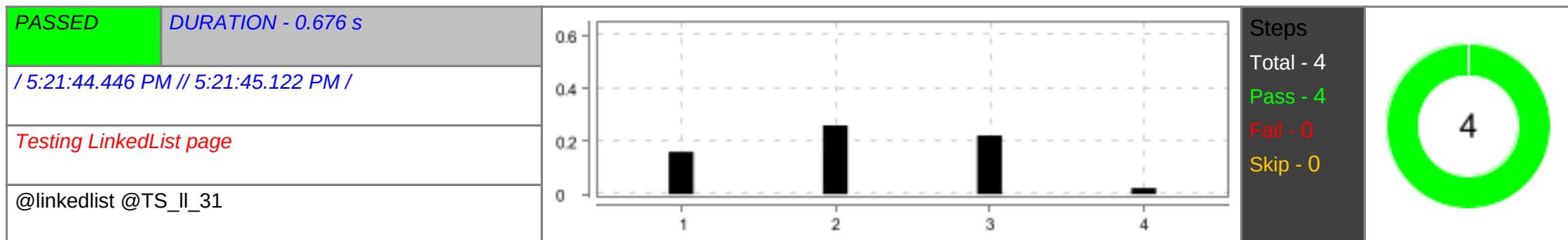
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test         | PASSED | 0.147 s  |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.315 s  |
| 3 | And clicks run button  | PASSED | 0.081 s  |
| 4 | Then The user is presented with the result after run button is clicked         | PASSED | 0.053 s  |

### The user is presented with error message for invalid code in Editor for Graph page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test                    | PASSED | 0.176 s  |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1          | PASSED | 0.202 s  |
| 3 | And clicks run button   | PASSED | 0.089 s  |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.018 s  |

### The user validating "Practice Questions" page

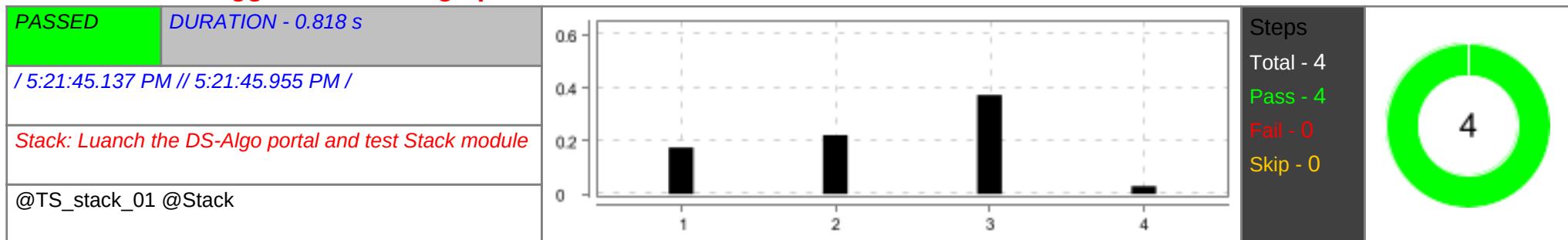


| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "Linked List page" after logged in                | PASSED | 0.160 s  |
| 2 | When The user clicks Introduction link                                     | PASSED | 0.260 s  |
| 3 | And The user clicks on the Practice Questions                              | PASSED | 0.222 s  |
| 4 | Then The user should be directed to Practice Questions of Linked List Page | PASSED | 0.023 s  |

### Stack: Luanch the DS-Algo portal and test Stack module



### The user is logged in to DS Algo portal



| # | Step / Hook Details                                | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on Signin page of DS Algo portal | PASSED | 0.175 s  |

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 2 | When The user enter valid "arhsquashers@gmail.com" and "Welcome12#" | PASSED | 0.222 s  |
| 3 | And The user click on login button                                  | PASSED | 0.374 s  |
| 4 | Then The user redirected to homepage                                | PASSED | 0.030 s  |

### The user is directed to "Stack" Page

|  |                    |  |  |  |
|--|--------------------|--|--|--|
| PASSED   | DURATION - 0.511 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 5:21:45.970 PM // 5:21:46.481 PM /                   |                    |  |  |  |
| Stack: Luanch the DS-Algo portal and test Stack module |                    |  |  |  |
| @TS_stack_02 @Stack                                    |                    |  |  |  |

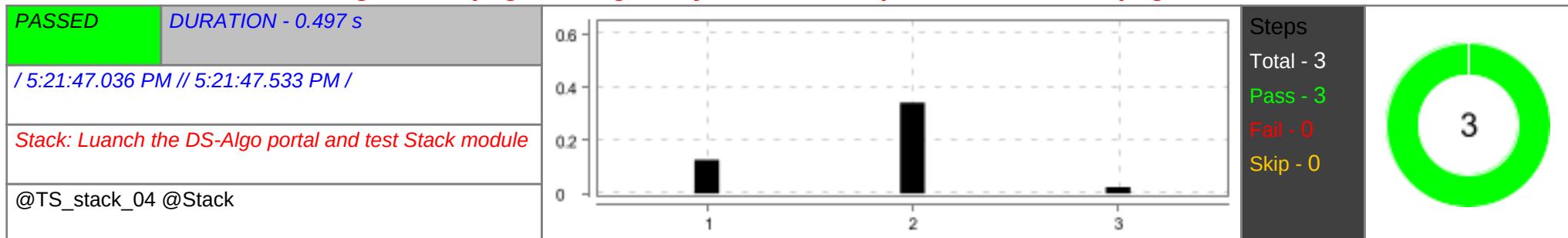
| # | Step / Hook Details                                      | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "home page" after logged in     | PASSED | 0.134 s  |
| 2 | When The user selects Stack item from the drop down menu | PASSED | 0.334 s  |
| 3 | Then The user should be directed to "Stack" Page         | PASSED | 0.036 s  |

### The user is able to navigate to "Operations in Stack" page

|  |                    |  |  |  |
|--|--------------------|--|--|--|
| PASSED   | DURATION - 0.519 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 5:21:46.496 PM // 5:21:47.015 PM /                   |                    |  |  |  |
| Stack: Luanch the DS-Algo portal and test Stack module |                    |  |  |  |
| @TS_stack_03 @Stack                                    |                    |  |  |  |

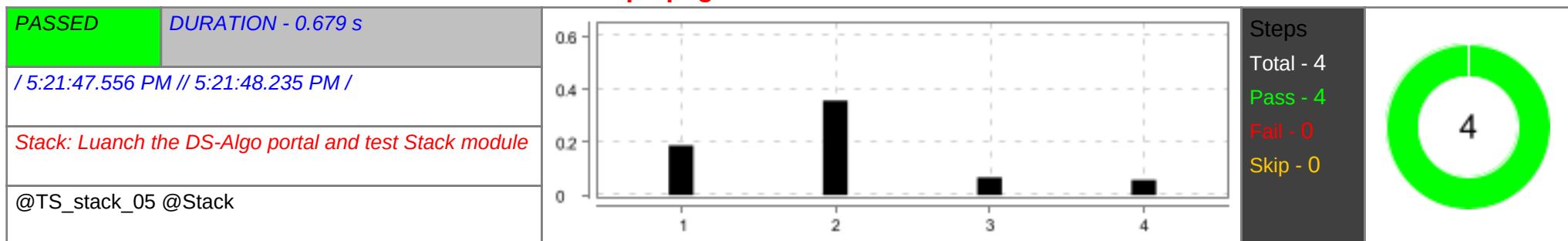
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the "Stack page" after logged in               | PASSED | 0.133 s  |
| 2 | When The user clicks on the Operations in Stack link                | PASSED | 0.358 s  |
| 3 | Then The user should then be directed to "Operations in Stack" Page | PASSED | 0.014 s  |

### The user is able to navigate to a page having an tryEditor from Operations in Stack page



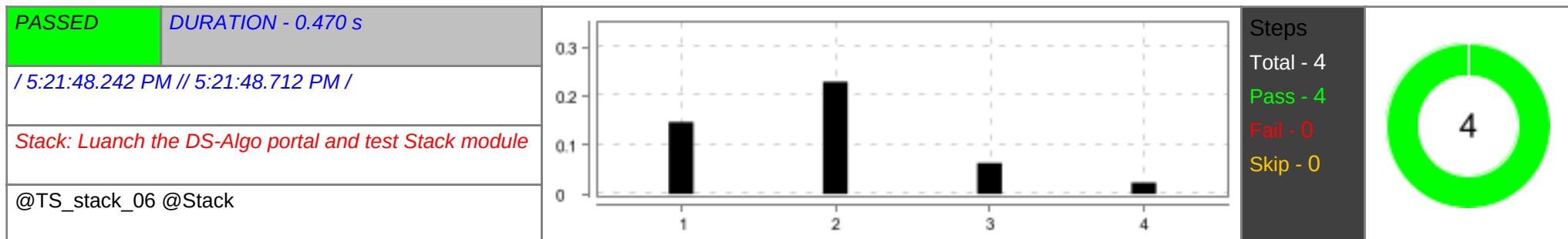
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "Operations in Stack page" after logged in                        | PASSED | 0.127 s  |
| 2 | When The user clicks "Try Here" button in "stack" page                                     | PASSED | 0.342 s  |
| 3 | Then The user should be redirected to a page having an tryEditor with a Run button to test | PASSED | 0.024 s  |

### The user is able to run code in Editor for Graph page



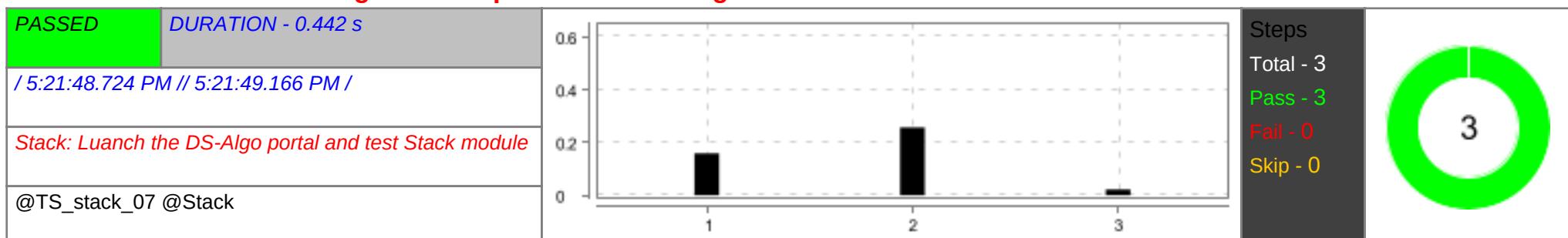
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test         | PASSED | 0.188 s  |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.357 s  |
| 3 | And clicks run button  | PASSED | 0.067 s  |
| 4 | Then The user is presented with the result after run button is clicked         | PASSED | 0.057 s  |

### The user is presented with error message for invalid code in Editor for Graph page



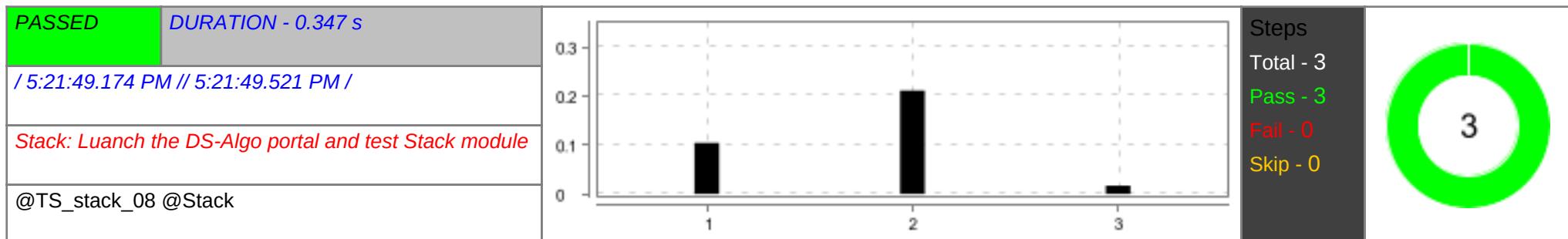
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test                    | PASSED | 0.147 s  |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1          | PASSED | 0.229 s  |
| 3 | And clicks run button   | PASSED | 0.063 s  |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.023 s  |

### The user is able to navigate to "Implementation" Page



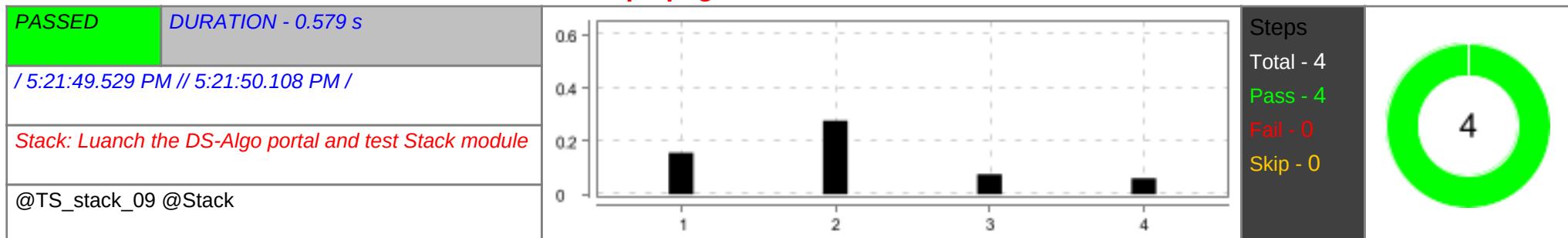
| # | Step / Hook Details                                     | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the "Stack page" after logged in   | PASSED | 0.159 s  |
| 2 | When The user clicks on the Implementation button       | PASSED | 0.257 s  |
| 3 | Then The user should be directed to Implementation Page | PASSED | 0.022 s  |

### The user is able to navigate to Implementation page having an tryEditor



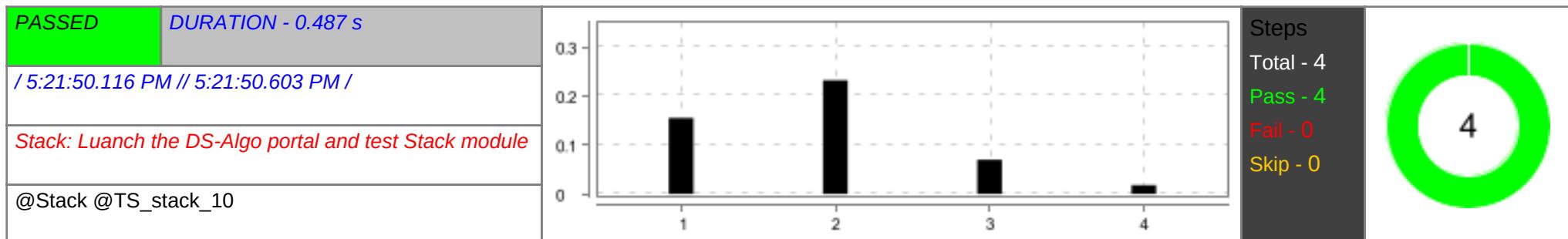
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "Stack Implementation page" after logged in                       | PASSED | 0.104 s  |
| 2 | When The user clicks "Try Here" button in "stack Implementation" page                      | PASSED | 0.211 s  |
| 3 | Then The user should be redirected to a page having an tryEditor with a Run button to test | PASSED | 0.017 s  |

### The user is able to run code in Editor for Graph page



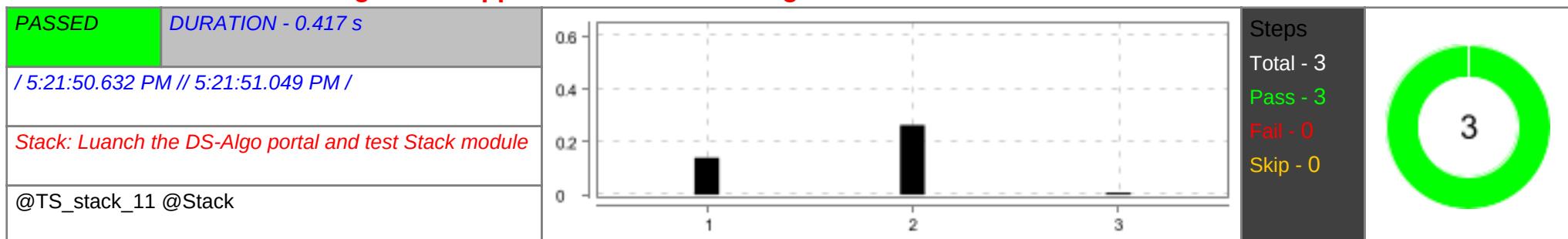
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test         | PASSED | 0.156 s  |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.277 s  |
| 3 | And clicks run button  | PASSED | 0.075 s  |
| 4 | Then The user is presented with the result after run button is clicked         | PASSED | 0.060 s  |

### The user is presented with error message for invalid code in Editor for Graph page



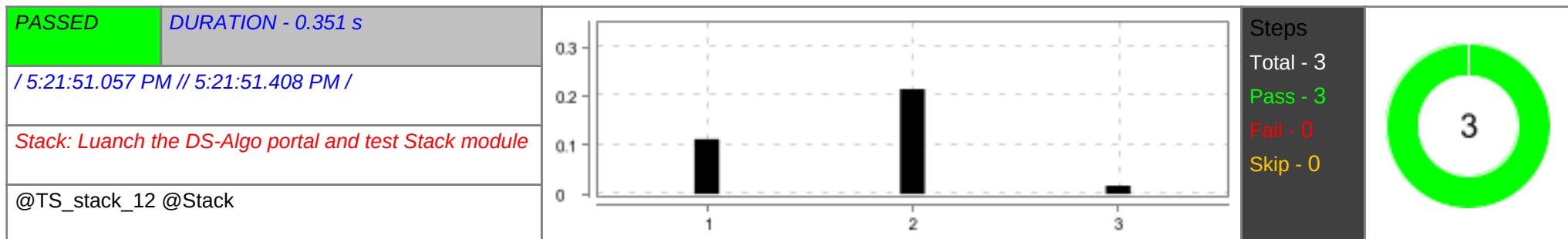
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test                    | PASSED | 0.155 s  |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1          | PASSED | 0.232 s  |
| 3 | And clicks run button   | PASSED | 0.070 s  |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.018 s  |

### The user is able to navigate to "Applications" in stack Page



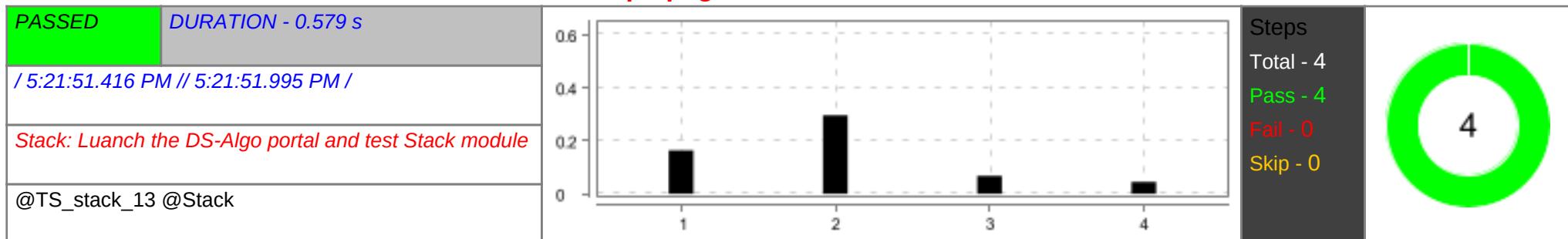
| # | Step / Hook Details                                   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the "Stackpage" after logged in  | PASSED | 0.140 s  |
| 2 | When The user clicks on the Applications button       | PASSED | 0.264 s  |
| 3 | Then The user should be directed to Applications Page | PASSED | 0.008 s  |

### The user is able to navigate to Applications page having an tryEditor



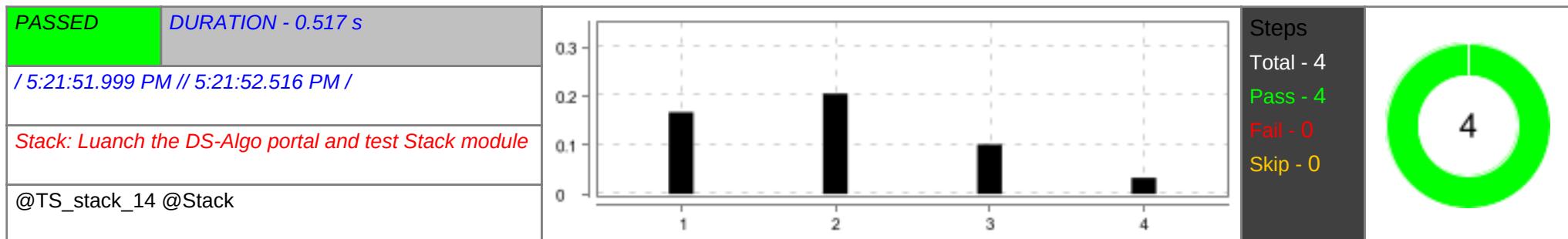
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "Application stack page" after logged in                          | PASSED | 0.112 s  |
| 2 | When The user clicks "Try Here" button in "stack Applications" page                        | PASSED | 0.214 s  |
| 3 | Then The user should be redirected to a page having an tryEditor with a Run button to test | PASSED | 0.017 s  |

### The user is able to run code in Editor for Graph page



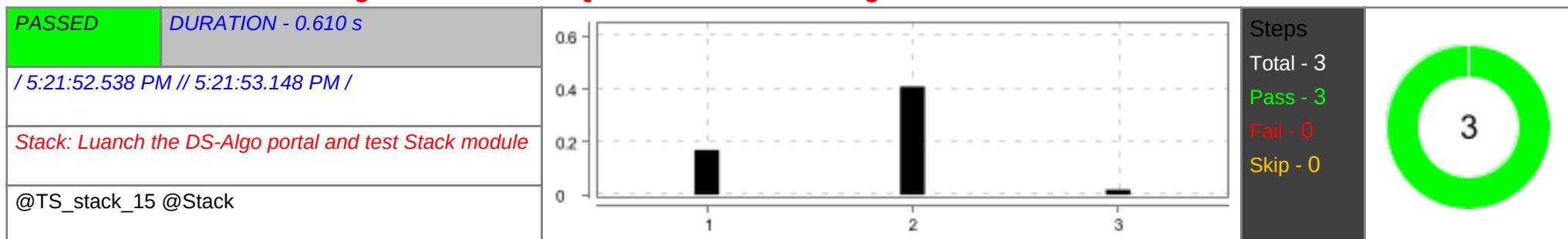
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test         | PASSED | 0.164 s  |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.296 s  |
| 3 | And clicks run button  | PASSED | 0.068 s  |
| 4 | Then The user is presented with the result after run button is clicked         | PASSED | 0.045 s  |

### The user is presented with error message for invalid code in Editor for Graph page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test                    | PASSED | 0.167 s  |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1          | PASSED | 0.205 s  |
| 3 | And clicks run button   | PASSED | 0.101 s  |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.033 s  |

### The user is able to navigate to "Practice Questions" in stack Page

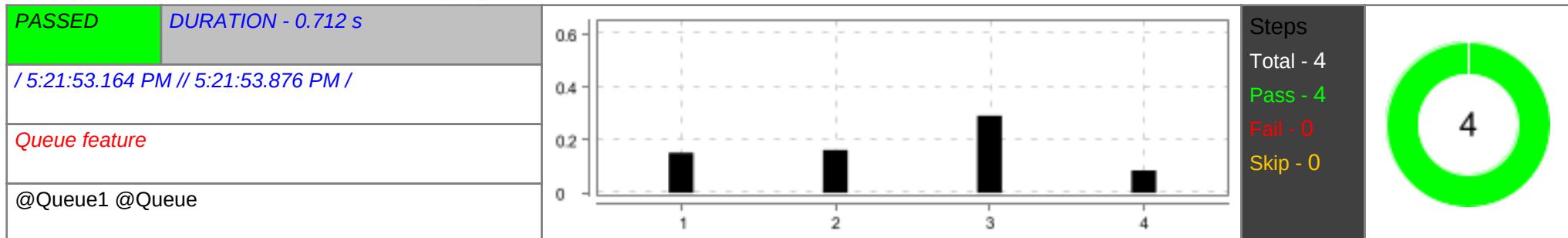


| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the "Stack page" after logged in       | PASSED | 0.170 s  |
| 2 | When The user clicks on the Practice Questions button       | PASSED | 0.410 s  |
| 3 | Then The user should be directed to Practice Questions Page | PASSED | 0.019 s  |

### Queue feature

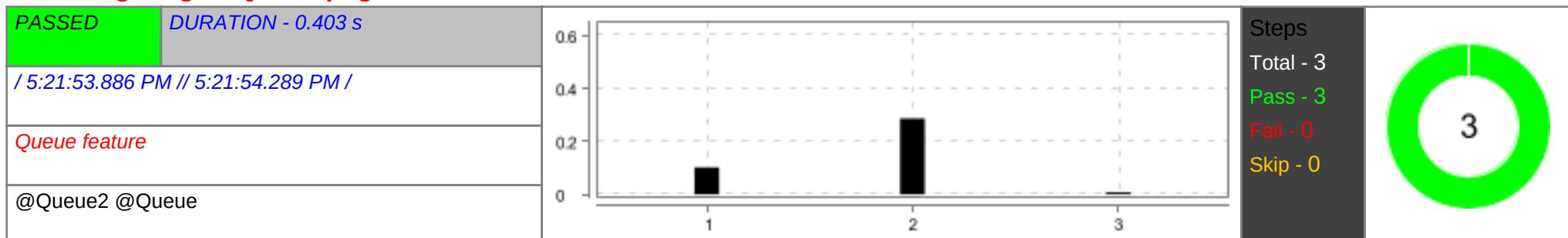


### The user is logged in to DS Algo portal



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on Signin page of DS Algo portal                   | PASSED | 0.152 s  |
| 2 | When The user enter valid "arshsquashers@gmail.com" and "Welcome12#" | PASSED | 0.162 s  |
| 3 | And The user click on login button                                   | PASSED | 0.292 s  |
| 4 | Then The user redirected to homepage                                 | PASSED | 0.085 s  |

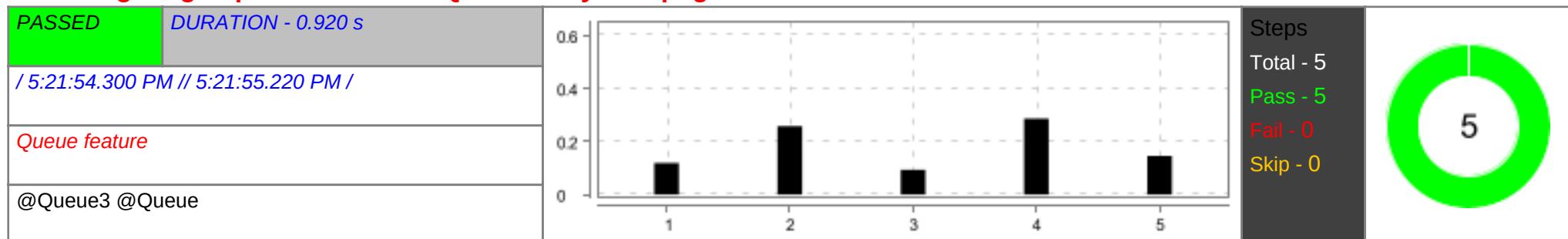
### Navigating to Queue page



| # | Step / Hook Details                                  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "home page" after logged in | PASSED | 0.102 s  |

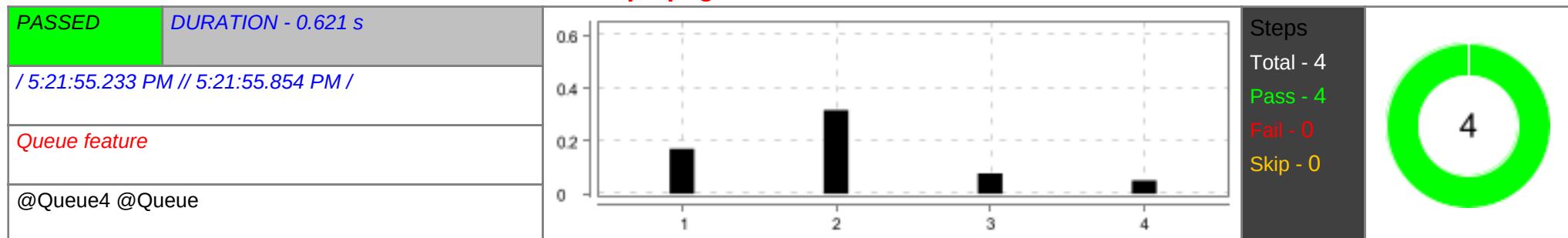
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 2 | When The user clicks on the Get Started button below Array | PASSED | 0.287 s  |
| 3 | Then The user is redirected to "Queue" Page                | PASSED | 0.008 s  |

### Navigating Implementation of Queue in Python page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in "Queue" page                                       | PASSED | 0.119 s  |
| 2 | When The user clicks Implementation of Queue in Python link             | PASSED | 0.258 s  |
| 3 | Then The user is redirected to "Implementation of Queue in Python" page | PASSED | 0.093 s  |
| 4 | When The user clicks the Try here link                                  | PASSED | 0.287 s  |
| 5 | Then The user is redirected to "Try Editor" page                        | PASSED | 0.146 s  |

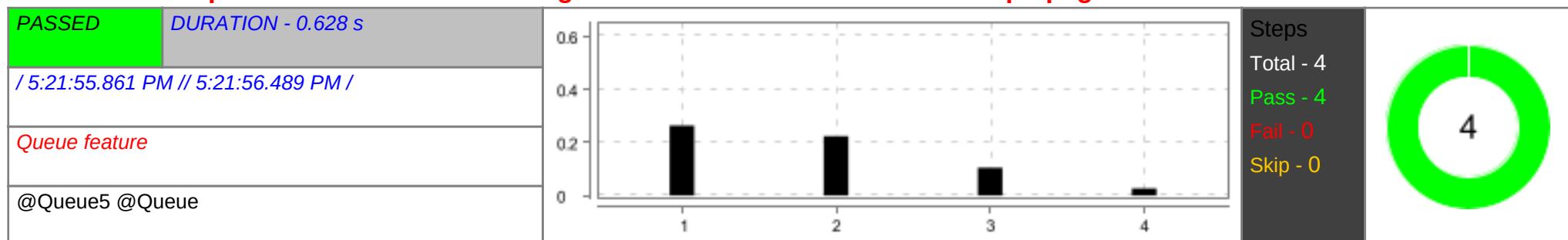
### The user is able to run code in Editor for Graph page



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test         | PASSED | 0.171 s  |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.317 s  |
| 3 | And clicks run button  | PASSED | 0.077 s  |

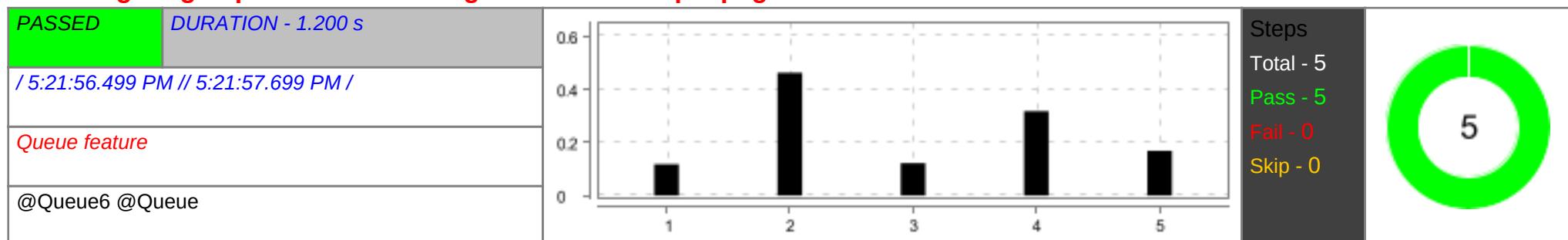
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 4 | Then The user is presented with the result after run button is clicked | PASSED | 0.051 s  |

### The user is presented with error message for invalid code in Editor for Graph page



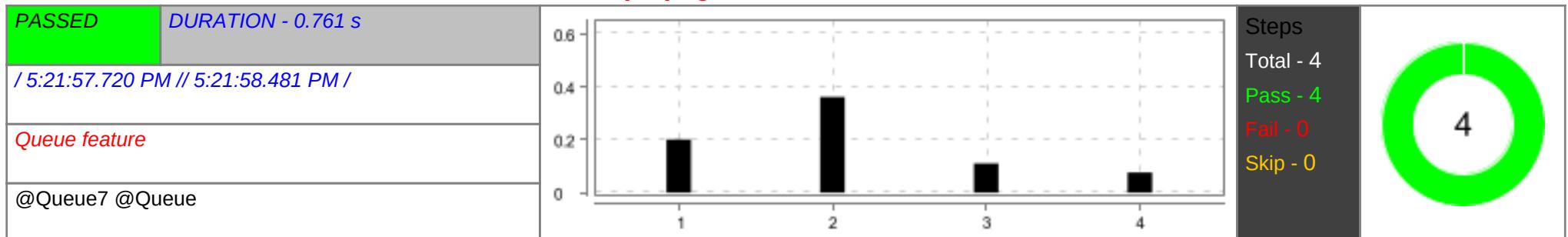
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test                    | PASSED | 0.264 s  |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1          | PASSED | 0.224 s  |
| 3 | And clicks run button   | PASSED | 0.105 s  |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.027 s  |

### Navigating Implementation using collections.deque page



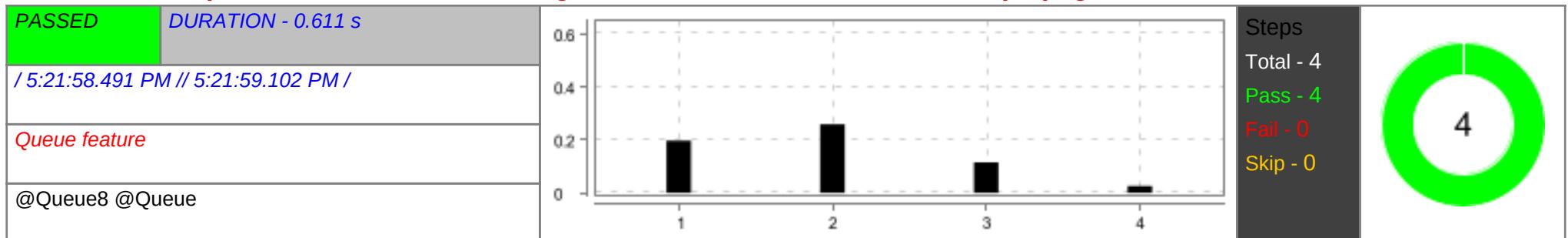
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in "Queue" page  | PASSED | 0.118 s  |
| 2 | When The user clicks Implementation using collections.deque link             | PASSED | 0.463 s  |
| 3 | Then The user is redirected to "Implementation using collections.deque" page | PASSED | 0.122 s  |
| 4 | When The user clicks the Try here link                                       | PASSED | 0.318 s  |
| 5 | Then The user is redirected to "Try Editor" page                             | PASSED | 0.169 s  |

### The user is able to run code in Editor for Graph page



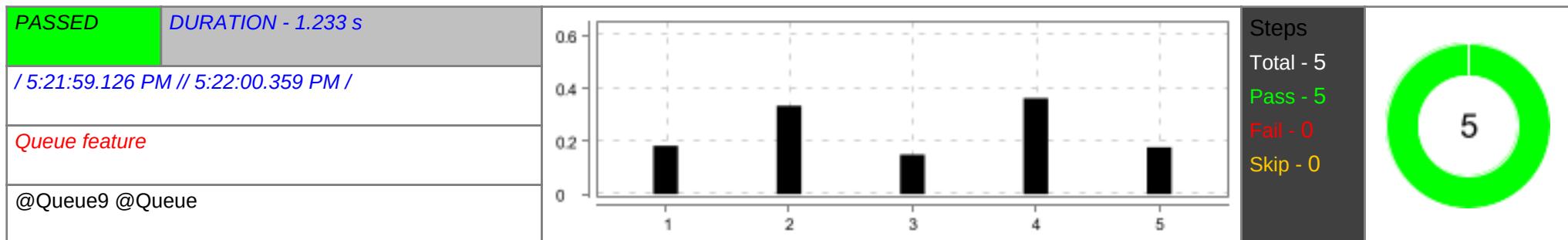
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test         | PASSED | 0.201 s  |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.362 s  |
| 3 | And clicks run button  | PASSED | 0.111 s  |
| 4 | Then The user is presented with the result after run button is clicked         | PASSED | 0.076 s  |

### The user is presented with error message for invalid code in Editor for Graph page



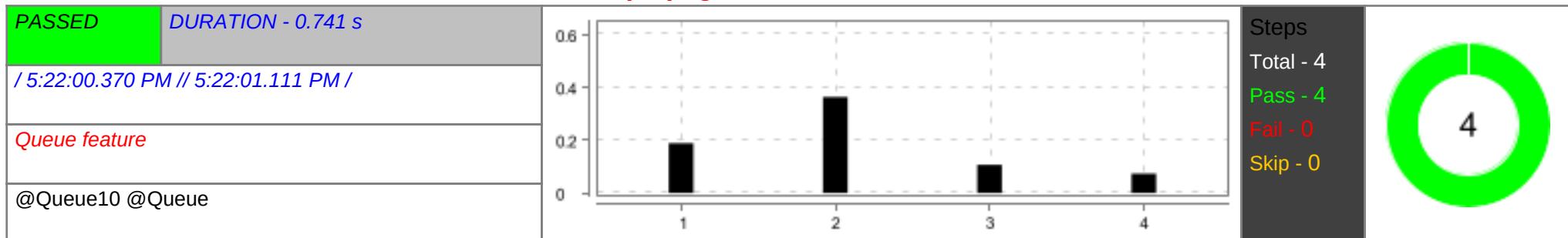
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test                    | PASSED | 0.197 s  |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1          | PASSED | 0.259 s  |
| 3 | And clicks run button   | PASSED | 0.115 s  |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.026 s  |

### Navigating Implementation using array page



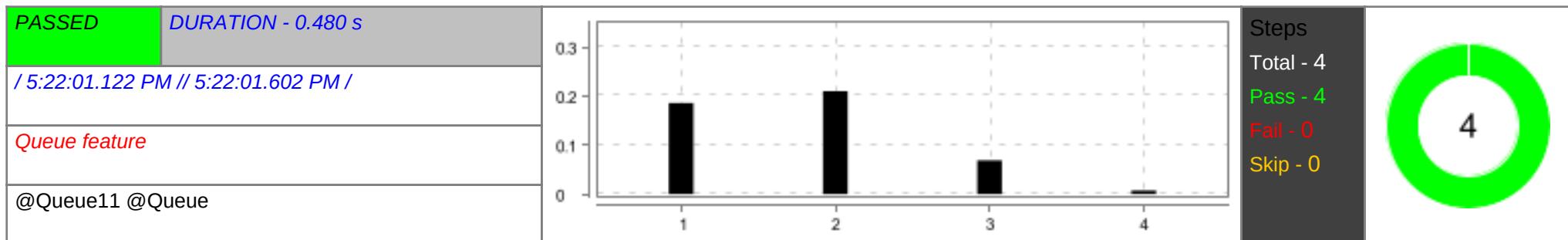
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in "Queue" page                                | PASSED | 0.183 s  |
| 2 | When The user clicks Implementation using array link             | PASSED | 0.335 s  |
| 3 | Then The user is redirected to "Implementation using array" page | PASSED | 0.150 s  |
| 4 | When The user clicks the Try here link                           | PASSED | 0.363 s  |
| 5 | Then The user is redirected to "Try Editor" page                 | PASSED | 0.177 s  |

### The user is able to run code in Editor for Graph page



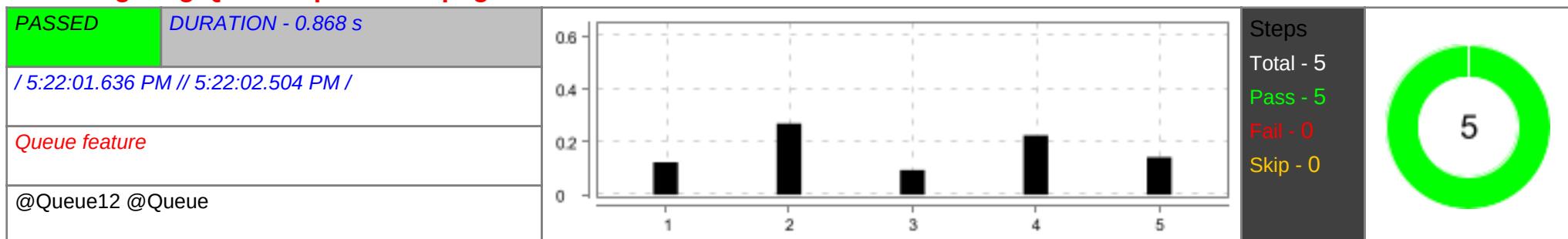
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test         | PASSED | 0.189 s  |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.364 s  |
| 3 | And clicks run button  | PASSED | 0.107 s  |
| 4 | Then The user is presented with the result after run button is clicked         | PASSED | 0.073 s  |

### The user is presented with error message for invalid code in Editor for Graph page



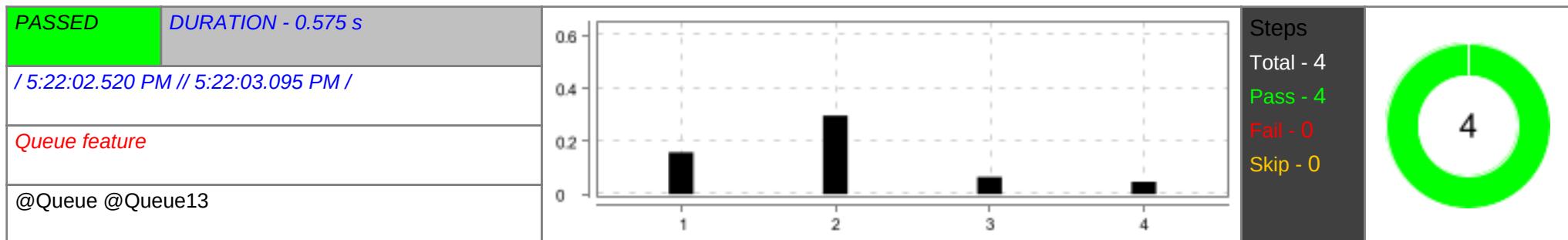
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test                    | PASSED | 0.186 s  |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1          | PASSED | 0.210 s  |
| 3 | And clicks run button   | PASSED | 0.069 s  |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.007 s  |

### Navigating Queue Operations page



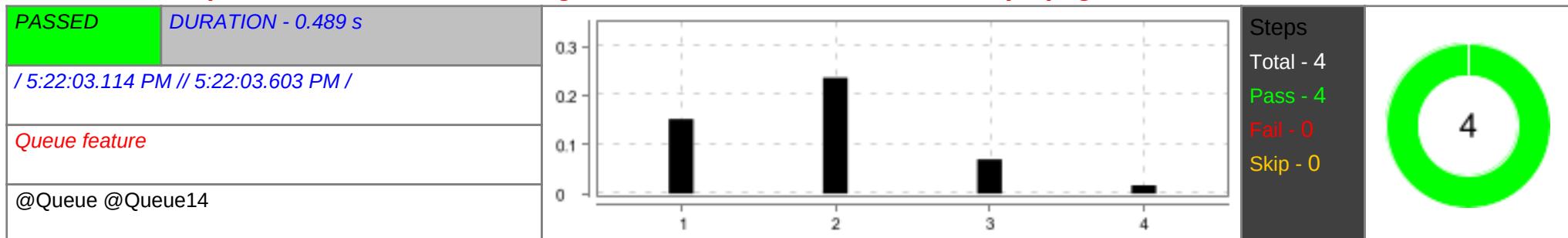
| # | Step / Hook Details                                    | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in "Queue" page                      | PASSED | 0.123 s  |
| 2 | When The user clicks Queue Operations link             | PASSED | 0.270 s  |
| 3 | Then The user is redirected to "Queue Operations" page | PASSED | 0.093 s  |
| 4 | When The user clicks the Try here link                 | PASSED | 0.225 s  |
| 5 | Then The user is redirected to "Try Editor" page       | PASSED | 0.142 s  |

The user is able to run code in Editor for Graph page



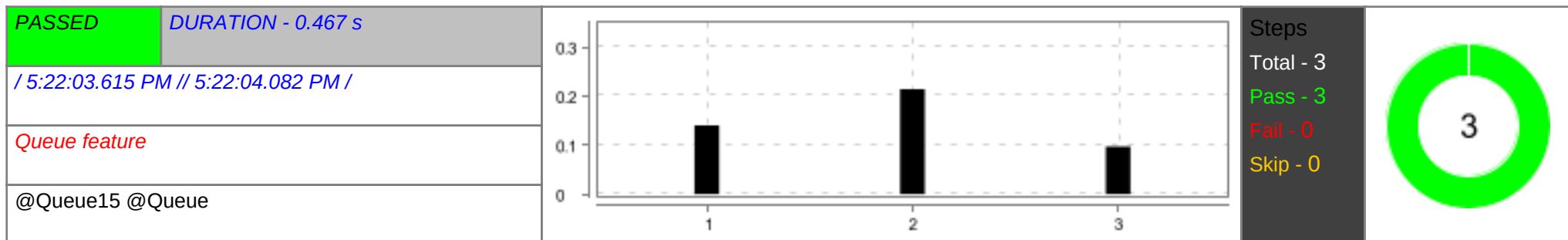
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test         | PASSED | 0.158 s  |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.297 s  |
| 3 | And clicks run button  | PASSED | 0.065 s  |
| 4 | Then The user is presented with the result after run button is clicked         | PASSED | 0.047 s  |

### The user is presented with error message for invalid code in Editor for Graph page



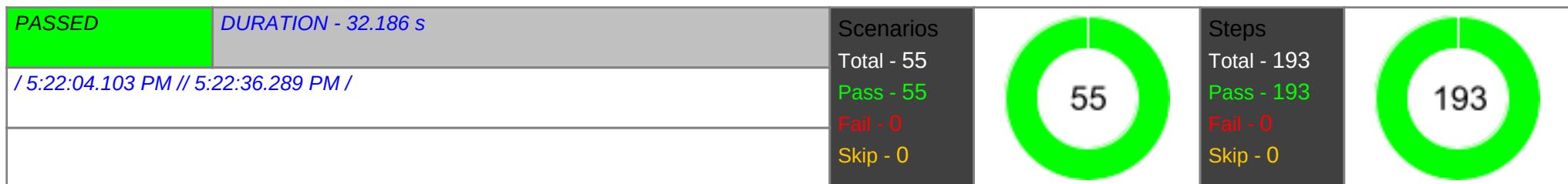
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test                    | PASSED | 0.152 s  |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1          | PASSED | 0.236 s  |
| 3 | And clicks run button   | PASSED | 0.070 s  |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.017 s  |

### The user is able to click and navigate to Practice Questions

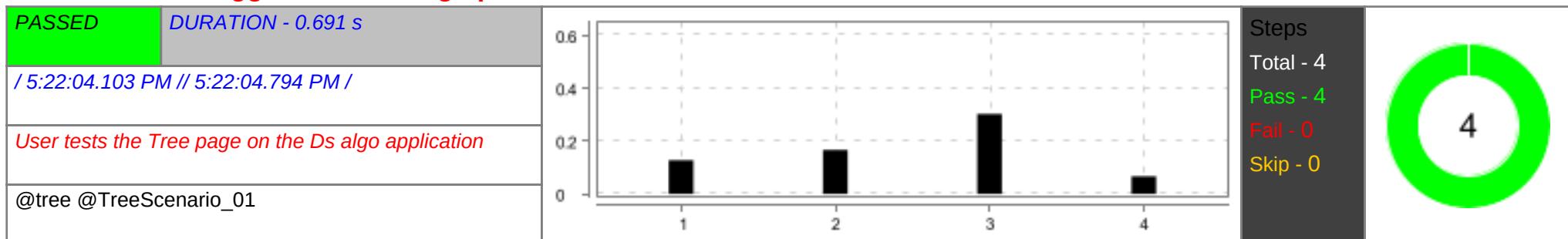


| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in "Implementation of Queue in Python" page  | PASSED | 0.140 s  |
| 2 | When The user clicks Practice Questions link                   | PASSED | 0.214 s  |
| 3 | Then The user is redirected to "Practice Questions Queue" page | PASSED | 0.097 s  |

### User tests the Tree page on the Ds algo application



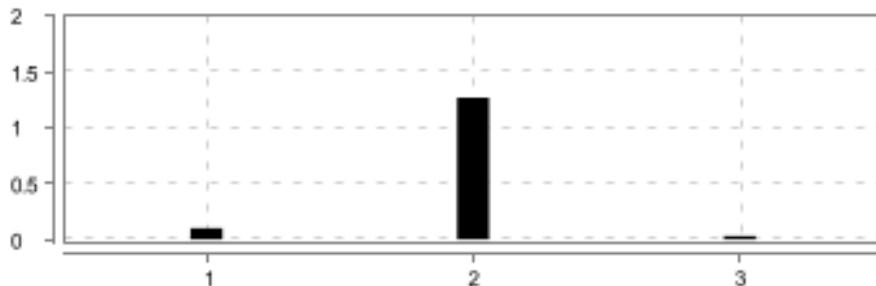
### The user is logged in to DS Algo portal



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on Signin page of DS Algo portal                   | PASSED | 0.128 s  |
| 2 | When The user enter valid "arshsquashers@gmail.com" and "Welcome12#" | PASSED | 0.167 s  |

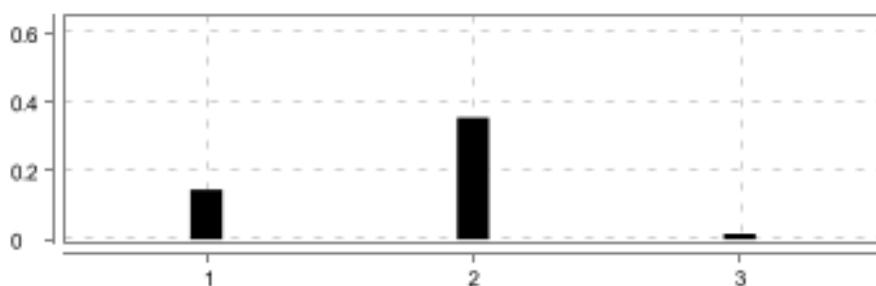
| # | Step / Hook Details                  | Status | Duration |
|---|--------------------------------------|--------|----------|
| 3 | And The user click on login button   | PASSED | 0.303 s  |
| 4 | Then The user redirected to homepage | PASSED | 0.067 s  |

### The user is directed to "Tree" Page

|   |                    |  |  |   |
|---|--------------------|--|--|---|
| PASSED  | DURATION - 1.404 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 5:22:04.803 PM // 5:22:06.207 PM /                |                    |  |  |   |
| User tests the Tree page on the Ds algo application |                    |  |  |   |
| @tree @TreeScenario_02                              |                    |  |  |   |

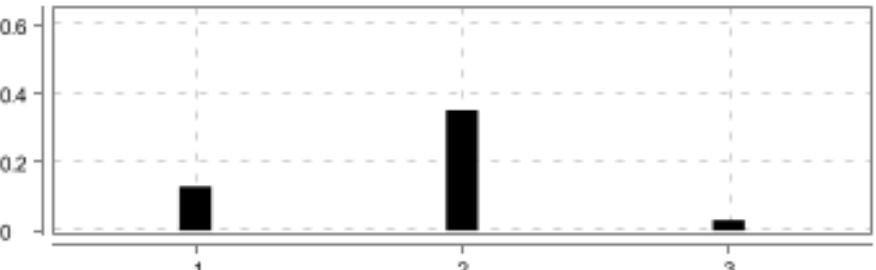
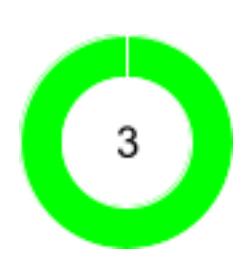
| # | Step / Hook Details                                     | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the "home page" after logged in    | PASSED | 0.099 s  |
| 2 | When The user selects Tree item from the drop down menu | PASSED | 1.271 s  |
| 3 | Then The user should be directed to the "Tree" Page     | PASSED | 0.029 s  |

### The user is able to navigate to "Overview of Trees" page

|   |                    |   |  |  |
|---|--------------------|---|--|--|
| PASSED  | DURATION - 0.526 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 5:22:06.220 PM // 5:22:06.746 PM /                |                    |   |  |  |
| User tests the Tree page on the Ds algo application |                    |   |  |  |
| @tree @TreeScenario_03                              |                    |   |  |  |

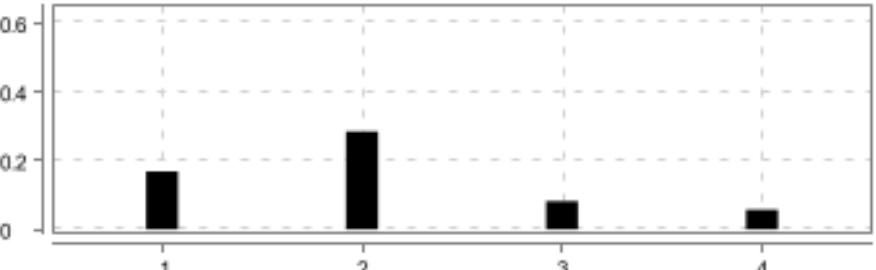
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "Tree page" after logged in                     | PASSED | 0.145 s  |
| 2 | When The user clicks on the Overview of Trees link                       | PASSED | 0.355 s  |
| 3 | Then The user should be directed to the "Overview of Trees" of tree Page | PASSED | 0.016 s  |

### The user is able to navigate to a page having an tryEditor from Overview of Trees page

|   |                    |  |  |   |
|---|--------------------|--|--|---|
| PASSED  | DURATION - 0.526 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 5:22:06.761 PM // 5:22:07.287 PM /                |                    |  |  |   |
| User tests the Tree page on the Ds algo application |                    |  |  |   |
| @TreeScenario_04 @tree                              |                    |  |  |   |

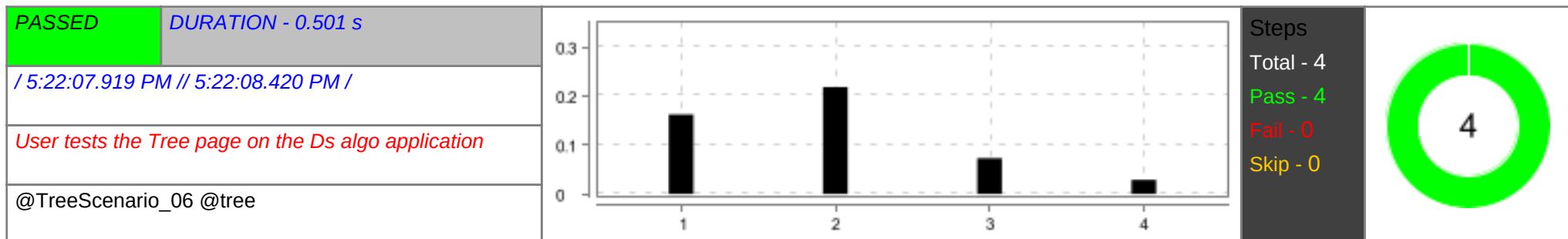
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the "overview of trees" after logged in                            | PASSED | 0.129 s  |
| 2 | When The user clicks "Try Here" button in a "tree" page                                 | PASSED | 0.352 s  |
| 3 | Then The user should be redirected to a page having tryEditor with a Run button to test | PASSED | 0.031 s  |

### The user is able to run code in Editor for Graph page

|   |                    |  |  |   |
|---|--------------------|--|--|---|
| PASSED  | DURATION - 0.609 s |  | Steps<br>Total - 4<br>Pass - 4<br>Fail - 0<br>Skip - 0 |  |
| / 5:22:07.305 PM // 5:22:07.914 PM /                |                    |  |  |   |
| User tests the Tree page on the Ds algo application |                    |  |  |   |
| @TreeScenario_05 @tree                              |                    |  |  |   |

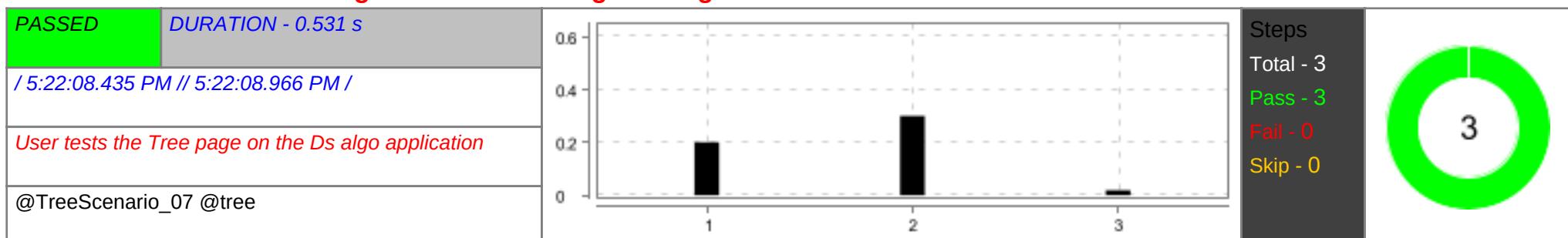
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test         | PASSED | 0.169 s  |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.285 s  |
| 3 | And clicks run button  | PASSED | 0.082 s  |
| 4 | Then The user is presented with the result after run button is clicked         | PASSED | 0.057 s  |

### The user is presented with error message for invalid code in Editor for Graph page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test                    | PASSED | 0.162 s  |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1          | PASSED | 0.218 s  |
| 3 | And clicks run button   | PASSED | 0.073 s  |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.029 s  |

### The user is able to navigate to "Terminologies" Page



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "Tree page" after logged in                 | PASSED | 0.201 s  |
| 2 | When The user clicks on the Terminologies button                     | PASSED | 0.301 s  |
| 3 | Then The user should be directed to the "Terminologies" of tree Page | PASSED | 0.019 s  |

### The user is able to navigate to Terminologies page having an tryEditor

|   |                    |  |  |  |
|---|--------------------|--|--|--|
| PASSED  | DURATION - 0.387 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 5:22:08.977 PM // 5:22:09.364 PM /                |                    |  |  |  |
| User tests the Tree page on the Ds algo application |                    |  |  |  |
| @TreeScenario_08 @tree                              |                    |  |  |  |

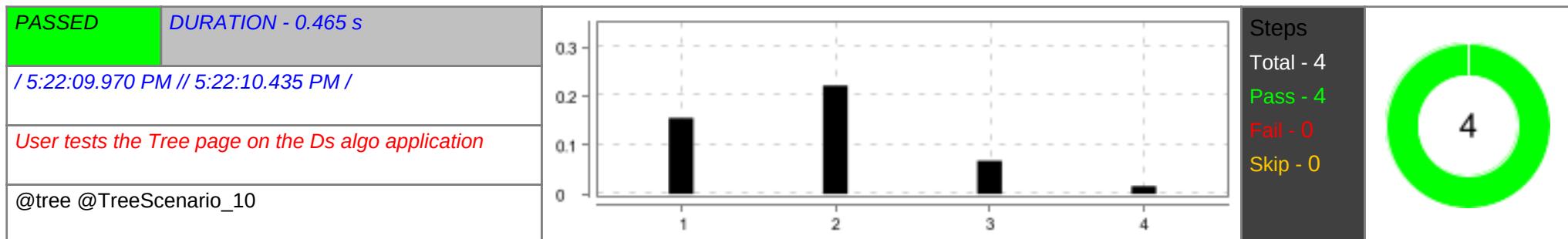
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "terminologies page" after logged in                              | PASSED | 0.110 s  |
| 2 | When The user clicks "Try Here" button in a "Terminologies" page                           | PASSED | 0.253 s  |
| 3 | Then The user should be redirected to a page having an tryEditor with a Run button to test | PASSED | 0.017 s  |

### The user is able to run code in Editor for Graph page

|   |                    |  |  |  |
|---|--------------------|--|--|--|
| PASSED  | DURATION - 0.587 s |  | Steps<br>Total - 4<br>Pass - 4<br>Fail - 0<br>Skip - 0 |  |
| / 5:22:09.376 PM // 5:22:09.963 PM /                |                    |  |  |  |
| User tests the Tree page on the Ds algo application |                    |  |  |  |
| @tree @TreeScenario_09                              |                    |  |  |  |

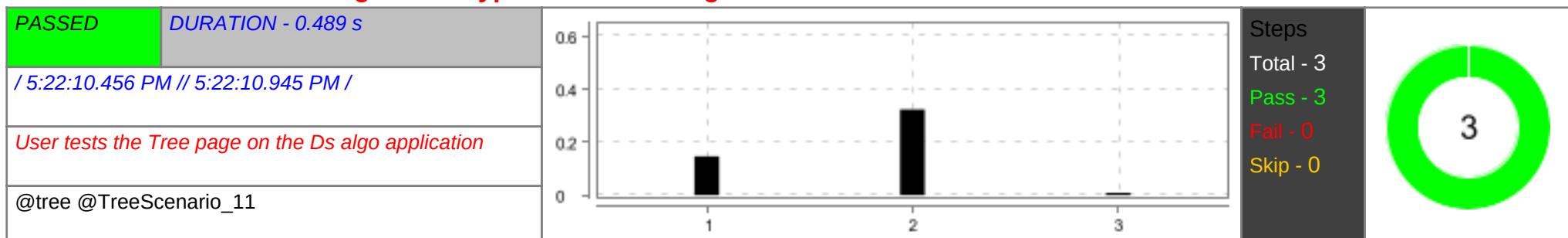
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test         | PASSED | 0.173 s  |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.276 s  |
| 3 | And clicks run button  | PASSED | 0.077 s  |
| 4 | Then The user is presented with the result after run button is clicked         | PASSED | 0.050 s  |

### The user is presented with error message for invalid code in Editor for Graph page



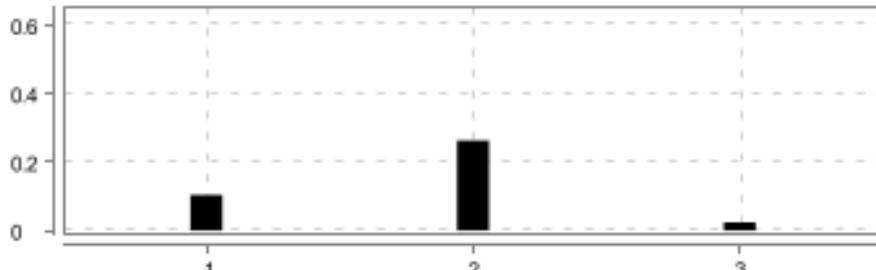
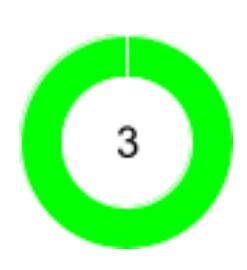
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test                    | PASSED | 0.155 s  |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1          | PASSED | 0.221 s  |
| 3 | And clicks run button   | PASSED | 0.068 s  |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.016 s  |

### The user is able to navigate to "Types of Trees" Page



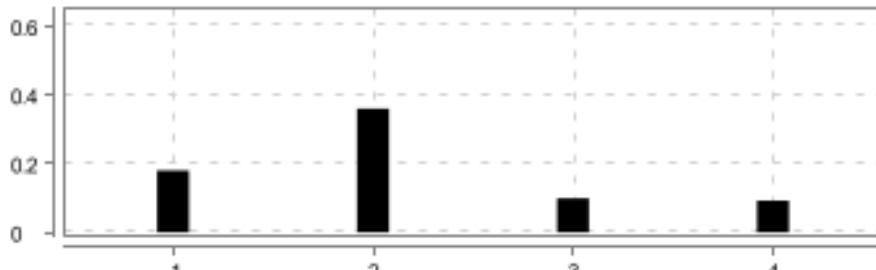
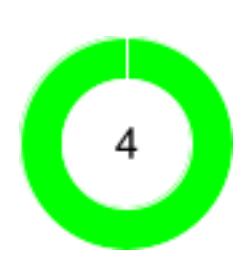
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the "Tree page" after logged in                  | PASSED | 0.147 s  |
| 2 | When The user clicks on the Types of Trees button                     | PASSED | 0.324 s  |
| 3 | Then The user should be directed to the "Types of Trees" of tree Page | PASSED | 0.009 s  |

### The user is able to navigate to a page having an tryEditor from Types of Trees page

|   |                    |  |  |   |
|---|--------------------|--|--|---|
| PASSED  | DURATION - 0.399 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 5:22:10.969 PM // 5:22:11.368 PM /                |                    |  |  |   |
| User tests the Tree page on the Ds algo application |                    |  |  |   |
| @tree @TreeScenario_12                              |                    |  |  |   |

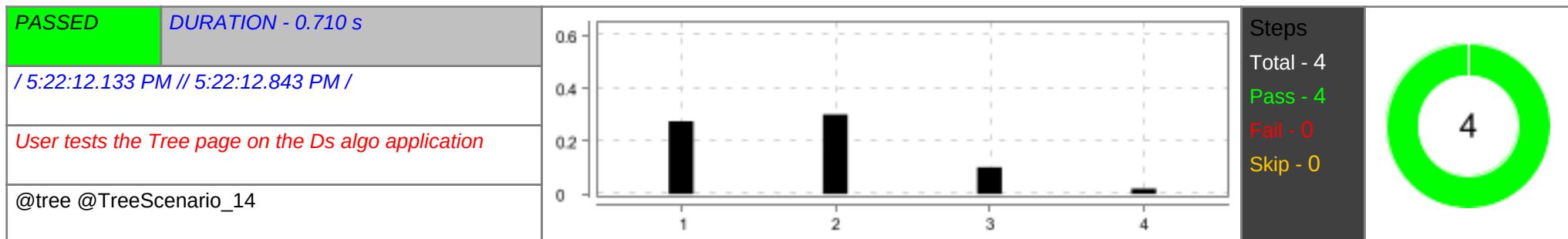
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "types of trees" after logged in                                  | PASSED | 0.104 s  |
| 2 | When The user clicks "Try Here" button in a "types of tree" page                           | PASSED | 0.263 s  |
| 3 | Then The user should be redirected to a page having an tryEditor with a Run button to test | PASSED | 0.024 s  |

### The user is able to run code in Editor for Graph page

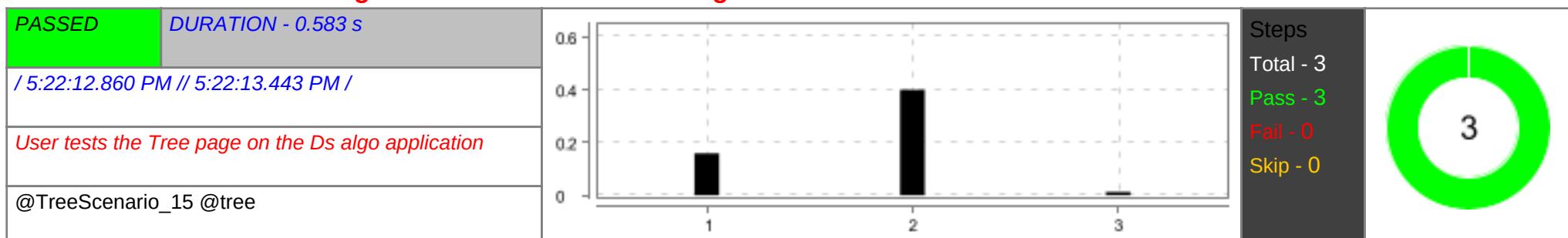
|   |                    |  |  |   |
|---|--------------------|--|--|---|
| PASSED  | DURATION - 0.745 s |  | Steps<br>Total - 4<br>Pass - 4<br>Fail - 0<br>Skip - 0 |  |
| / 5:22:11.381 PM // 5:22:12.126 PM /                |                    |  |  |   |
| User tests the Tree page on the Ds algo application |                    |  |  |   |
| @tree @TreeScenario_13                              |                    |  |  |   |

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test         | PASSED | 0.180 s  |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.360 s  |
| 3 | And clicks run button  | PASSED | 0.099 s  |
| 4 | Then The user is presented with the result after run button is clicked         | PASSED | 0.092 s  |

### The user is presented with error message for invalid code in Editor for Graph page

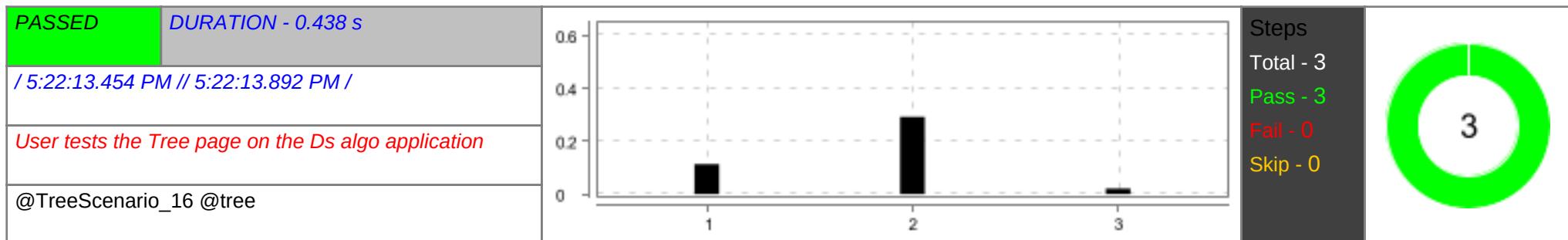
**Step / Hook Details**

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test                    | PASSED | 0.275 s  |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1          | PASSED | 0.301 s  |
| 3 | And clicks run button   | PASSED | 0.101 s  |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.020 s  |

**The user is able to navigate to "Tree Traversals" Page****Step / Hook Details**

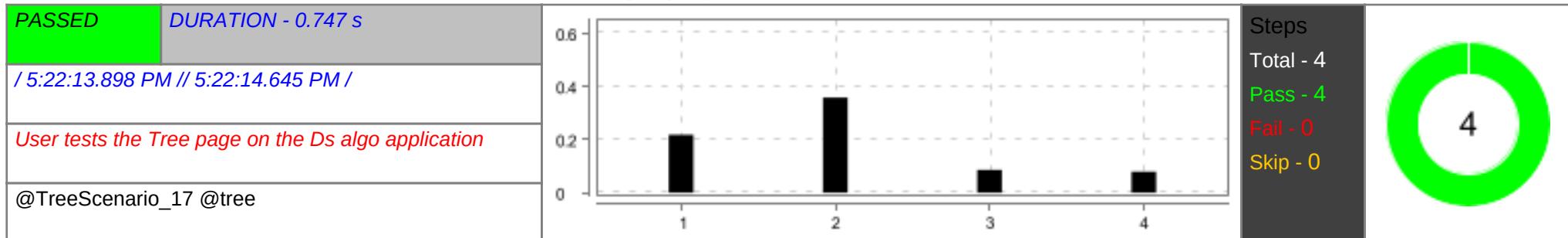
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "Tree page" after logged in                   | PASSED | 0.159 s  |
| 2 | When The user clicks on the Tree Traversals button                     | PASSED | 0.400 s  |
| 3 | Then The user should be directed to the "Tree Traversals" of tree Page | PASSED | 0.012 s  |

**The user is able to navigate to a page having an tryEditor from Tree Traversals Page**



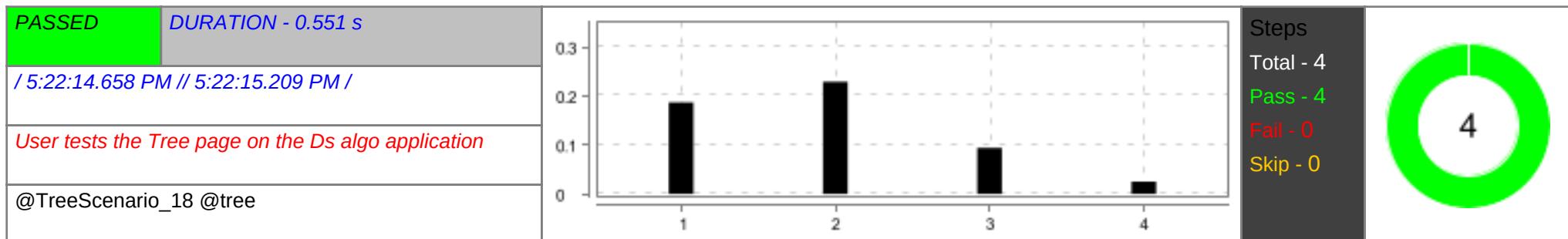
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "tree traversals" after logged in                                 | PASSED | 0.113 s  |
| 2 | When The user clicks "Try Here" button in a "tree traversals" page                         | PASSED | 0.293 s  |
| 3 | Then The user should be redirected to a page having an tryEditor with a Run button to test | PASSED | 0.021 s  |

### The user is able to run code in Editor for Graph page



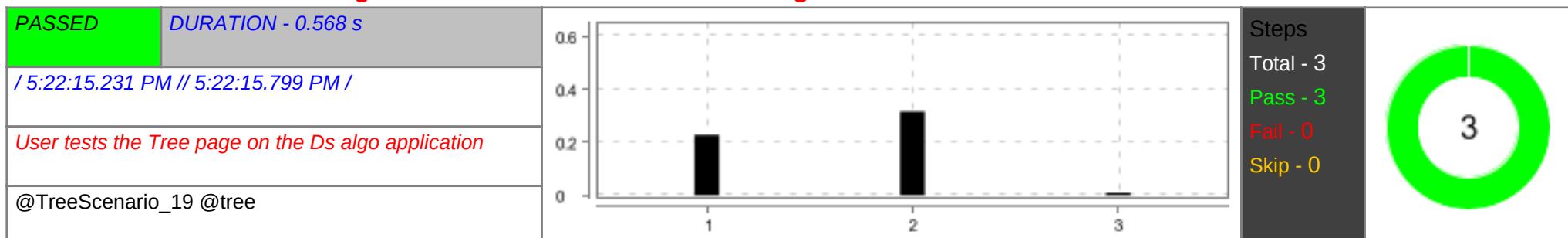
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test         | PASSED | 0.218 s  |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.358 s  |
| 3 | And clicks run button  | PASSED | 0.086 s  |
| 4 | Then The user is presented with the result after run button is clicked         | PASSED | 0.079 s  |

### The user is presented with error message for invalid code in Editor for Graph page



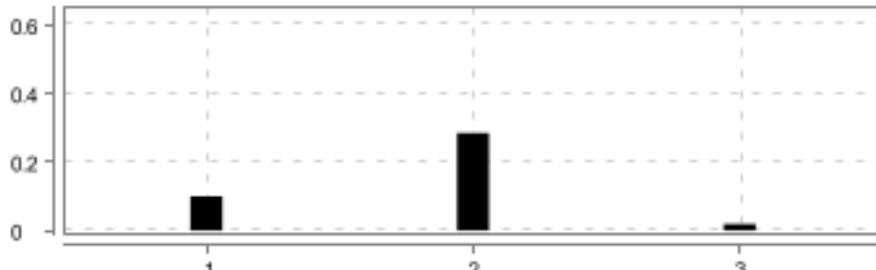
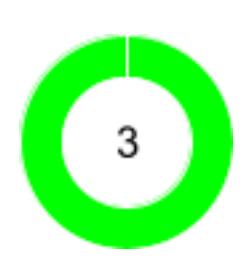
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test                    | PASSED | 0.187 s  |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1          | PASSED | 0.229 s  |
| 3 | And clicks run button   | PASSED | 0.094 s  |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.025 s  |

### The user is able to navigate to "Traversals illustration" Page



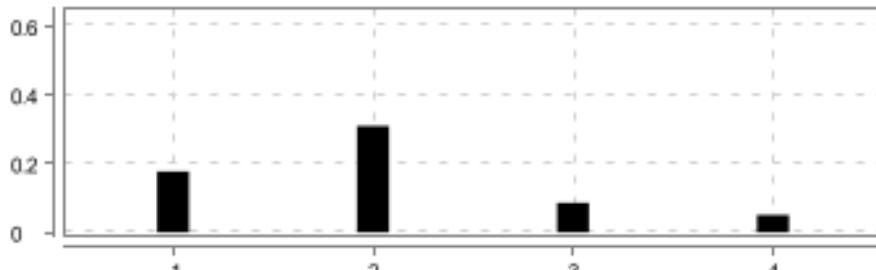
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "Tree page" after logged in                           | PASSED | 0.228 s  |
| 2 | When The user clicks on the Traversal illustration button                      | PASSED | 0.316 s  |
| 3 | Then The user should be directed to the "Traversals-Illustration" of tree Page | PASSED | 0.009 s  |

### The user is able to navigate to a page having an tryEditor from Traversals-Illustration Page

|   |                    |  |  |   |
|---|--------------------|--|--|---|
| PASSED  | DURATION - 0.414 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 5:22:15.809 PM // 5:22:16.223 PM /                |                    |  |  |   |
| User tests the Tree page on the Ds algo application |                    |  |  |   |
| @tree @TreeScenario_20                              |                    |  |  |   |

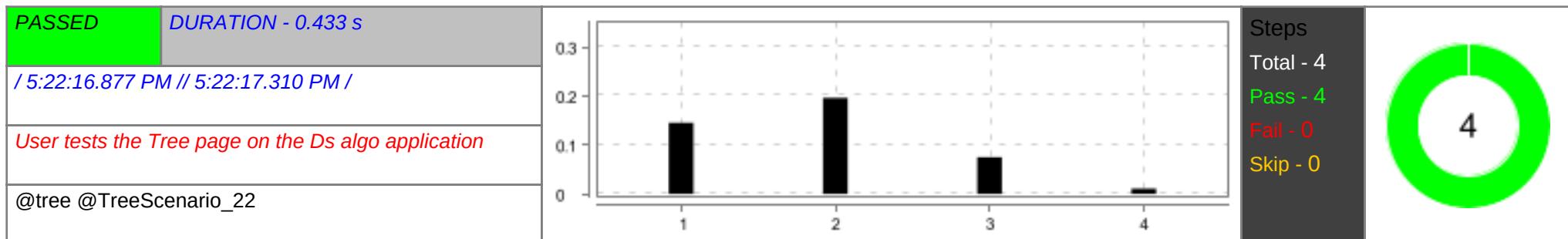
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "traversal illustration" after logged in                          | PASSED | 0.100 s  |
| 2 | When The user clicks "Try Here" button in a "traversal illustration" page                  | PASSED | 0.285 s  |
| 3 | Then The user should be redirected to a page having an tryEditor with a Run button to test | PASSED | 0.019 s  |

### The user is able to run code in Editor for Graph page

|   |                    |  |  |   |
|---|--------------------|--|--|---|
| PASSED  | DURATION - 0.632 s |  | Steps<br>Total - 4<br>Pass - 4<br>Fail - 0<br>Skip - 0 |  |
| / 5:22:16.235 PM // 5:22:16.867 PM /                |                    |  |  |   |
| User tests the Tree page on the Ds algo application |                    |  |  |   |
| @tree @TreeScenario_21                              |                    |  |  |   |

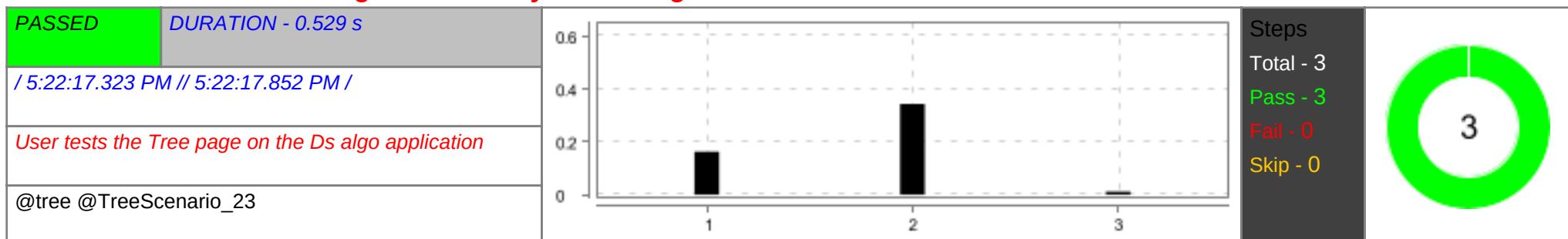
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test         | PASSED | 0.177 s  |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.310 s  |
| 3 | And clicks run button  | PASSED | 0.086 s  |
| 4 | Then The user is presented with the result after run button is clicked         | PASSED | 0.051 s  |

### The user is presented with error message for invalid code in Editor for Graph page



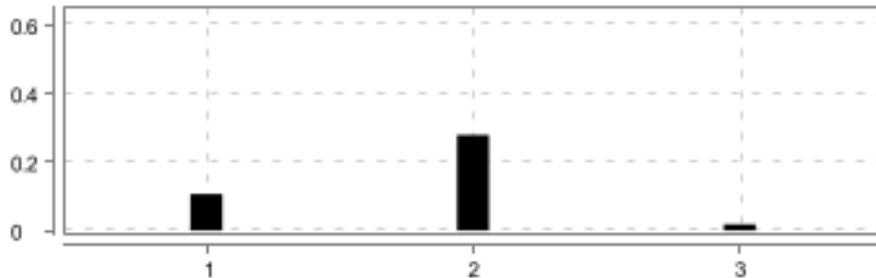
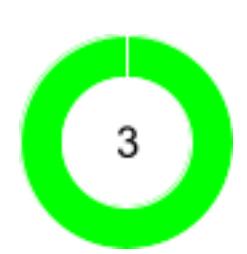
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test                    | PASSED | 0.145 s  |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1          | PASSED | 0.196 s  |
| 3 | And clicks run button   | PASSED | 0.075 s  |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.011 s  |

### The user is able to navigate to "Binary trees" Page



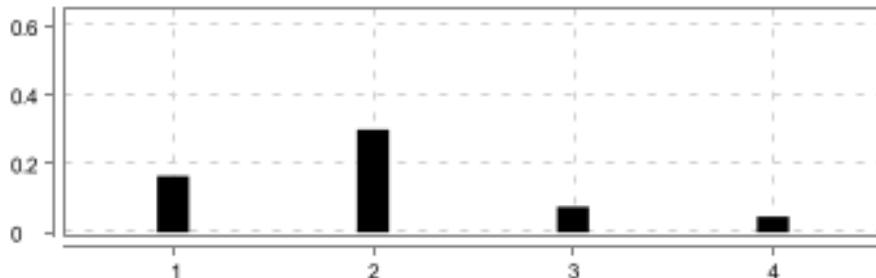
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the "Tree page" after logged in                | PASSED | 0.163 s  |
| 2 | When The user clicks on the binary trees button                     | PASSED | 0.344 s  |
| 3 | Then The user should be directed to the "Binary Trees" of tree Page | PASSED | 0.011 s  |

### The user is able to navigate to a page having an tryEditor from Binary Trees Page

|   |                    |  |  |   |
|---|--------------------|--|--|---|
| PASSED  | DURATION - 0.420 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 5:22:17.867 PM // 5:22:18.287 PM /                |                    |  |  |   |
| User tests the Tree page on the Ds algo application |                    |  |  |   |
| @tree @TreeScenario_24                              |                    |  |  |   |

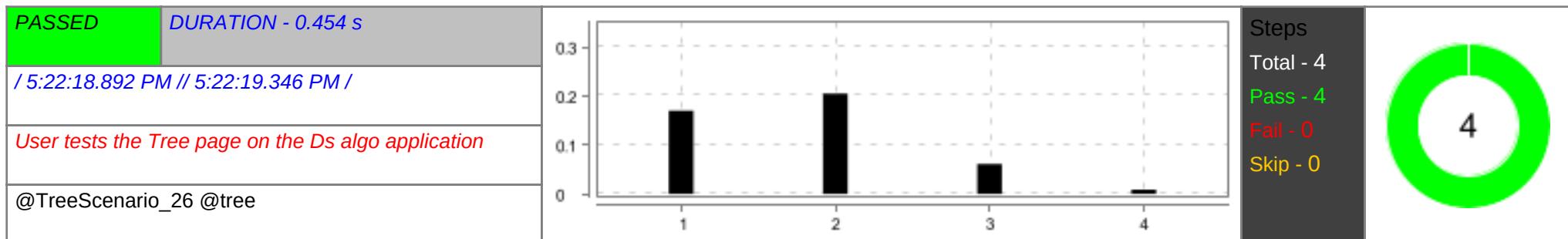
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "binary trees" after logged in                                    | PASSED | 0.107 s  |
| 2 | When The user clicks "Try Here" button in a "binary tree" page                             | PASSED | 0.279 s  |
| 3 | Then The user should be redirected to a page having an tryEditor with a Run button to test | PASSED | 0.018 s  |

### The user is able to run code in Editor for Graph page

|   |                    |  |  |   |
|---|--------------------|--|--|---|
| PASSED  | DURATION - 0.594 s |  | Steps<br>Total - 4<br>Pass - 4<br>Fail - 0<br>Skip - 0 |  |
| / 5:22:18.293 PM // 5:22:18.887 PM /                |                    |  |  |   |
| User tests the Tree page on the Ds algo application |                    |  |  |   |
| @tree @TreeScenario_25                              |                    |  |  |   |

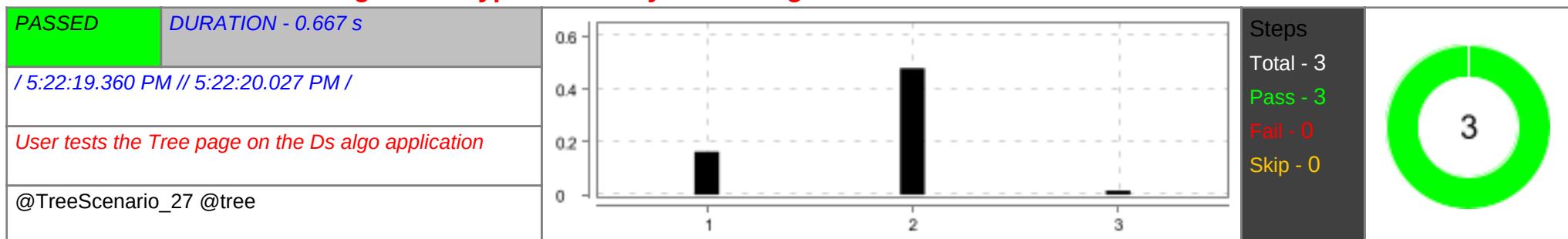
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test         | PASSED | 0.164 s  |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.299 s  |
| 3 | And clicks run button  | PASSED | 0.074 s  |
| 4 | Then The user is presented with the result after run button is clicked         | PASSED | 0.046 s  |

### The user is presented with error message for invalid code in Editor for Graph page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test                    | PASSED | 0.170 s  |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1          | PASSED | 0.205 s  |
| 3 | And clicks run button   | PASSED | 0.061 s  |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.009 s  |

### The user is able to navigate to "Types of Binary trees" Page



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "Tree page" after logged in                         | PASSED | 0.163 s  |
| 2 | When The user clicks on the types of binary trees button                     | PASSED | 0.479 s  |
| 3 | Then The user should be directed to the "Types of Binary Trees" of tree Page | PASSED | 0.015 s  |

### The user is able to navigate to a page having an tryEditor from Types of Binary Trees Page

|   |                    |  |  |  |
|---|--------------------|--|--|--|
| PASSED  | DURATION - 0.498 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 5:22:20.043 PM // 5:22:20.541 PM /                |                    |  |  |  |
| User tests the Tree page on the Ds algo application |                    |  |  |  |
| @TreeScenario_28 @tree                              |                    |  |  |  |

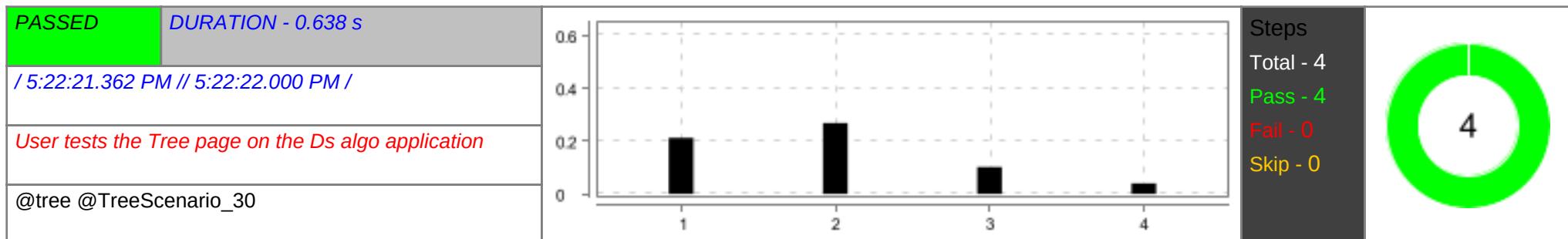
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "types of binary trees" after logged in                           | PASSED | 0.130 s  |
| 2 | When The user clicks "Try Here" button in a "types of binary trees" page                   | PASSED | 0.337 s  |
| 3 | Then The user should be redirected to a page having an tryEditor with a Run button to test | PASSED | 0.022 s  |

### The user is able to run code in Editor for Graph page

|   |                    |  |  |  |
|---|--------------------|--|--|--|
| PASSED  | DURATION - 0.785 s |  | Steps<br>Total - 4<br>Pass - 4<br>Fail - 0<br>Skip - 0 |  |
| / 5:22:20.560 PM // 5:22:21.345 PM /                |                    |  |  |  |
| User tests the Tree page on the Ds algo application |                    |  |  |  |
| @TreeScenario_29 @tree                              |                    |  |  |  |

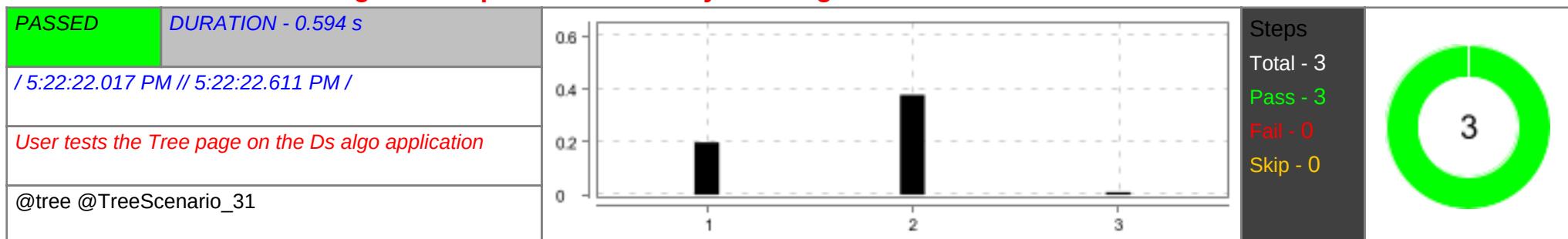
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test         | PASSED | 0.197 s  |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.397 s  |
| 3 | And clicks run button  | PASSED | 0.101 s  |
| 4 | Then The user is presented with the result after run button is clicked         | PASSED | 0.081 s  |

### The user is presented with error message for invalid code in Editor for Graph page



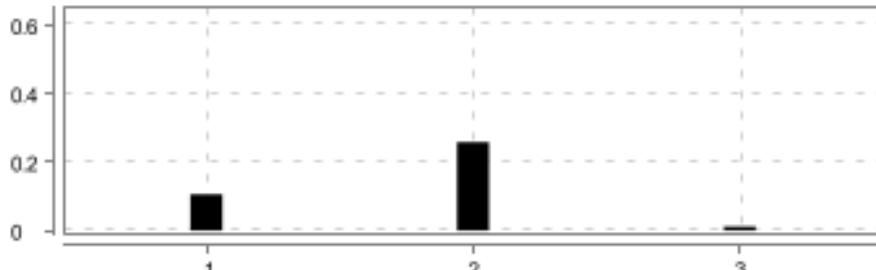
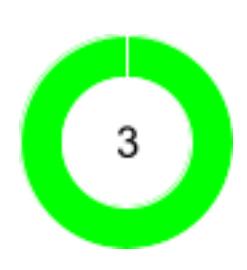
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test                    | PASSED | 0.213 s  |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1          | PASSED | 0.269 s  |
| 3 | And clicks run button   | PASSED | 0.102 s  |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.040 s  |

### The user is able to navigate to Implementation in Python Page



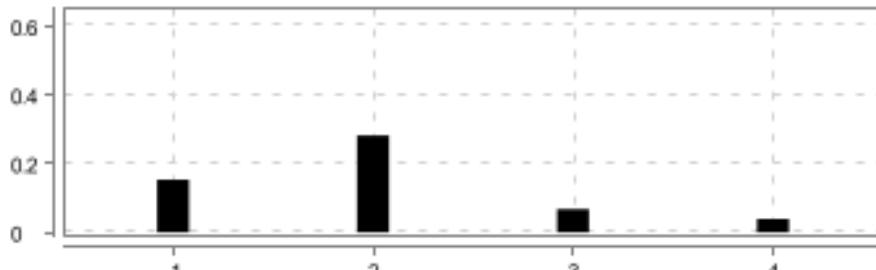
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the "Tree page" after logged in                            | PASSED | 0.198 s  |
| 2 | When The user clicks on the Implementation in Python button                     | PASSED | 0.378 s  |
| 3 | Then The user should be directed to the "Implementation in Python" of tree Page | PASSED | 0.010 s  |

### The user is able to navigate to a page having an tryEditor from Implementation in Python Page

|   |                    |  |  |   |
|---|--------------------|--|--|---|
| PASSED  | DURATION - 0.385 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 5:22:22.617 PM // 5:22:23.002 PM /                |                    |  |  |   |
| User tests the Tree page on the Ds algo application |                    |  |  |   |
| @tree @TreeScenario_32                              |                    |  |  |   |

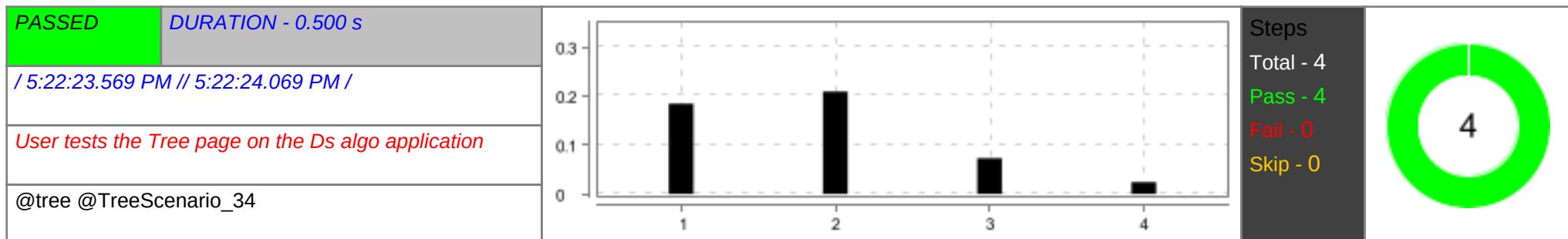
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "Implementation in Python" after logged in                        | PASSED | 0.106 s  |
| 2 | When The user clicks "Try Here" button in a "implementation in python" page                | PASSED | 0.258 s  |
| 3 | Then The user should be redirected to a page having an tryEditor with a Run button to test | PASSED | 0.011 s  |

### The user is able to run code in Editor for Graph page

|   |                    |  |  |   |
|---|--------------------|--|--|---|
| PASSED  | DURATION - 0.551 s |  | Steps<br>Total - 4<br>Pass - 4<br>Fail - 0<br>Skip - 0 |  |
| / 5:22:23.011 PM // 5:22:23.562 PM /                |                    |  |  |   |
| User tests the Tree page on the Ds algo application |                    |  |  |   |
| @tree @TreeScenario_33                              |                    |  |  |   |

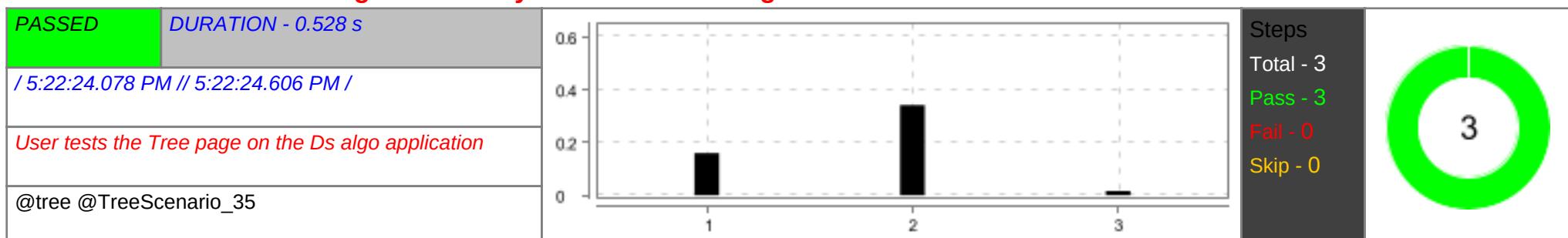
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test         | PASSED | 0.153 s  |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.282 s  |
| 3 | And clicks run button  | PASSED | 0.068 s  |
| 4 | Then The user is presented with the result after run button is clicked         | PASSED | 0.039 s  |

### The user is presented with error message for invalid code in Editor for Graph page



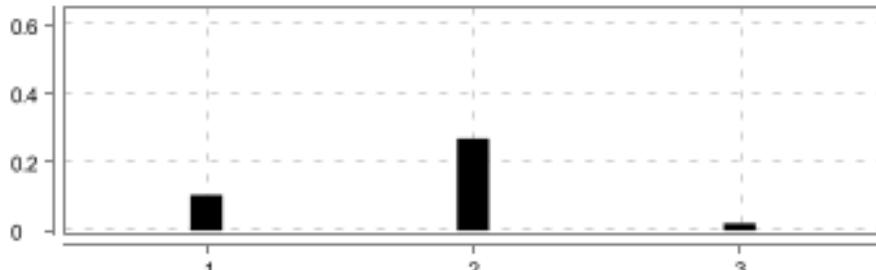
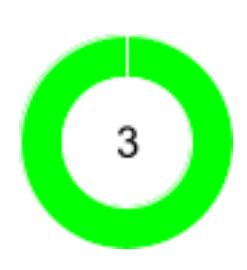
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test                    | PASSED | 0.184 s  |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1          | PASSED | 0.209 s  |
| 3 | And clicks run button   | PASSED | 0.073 s  |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.024 s  |

### The user is able to navigate to binary tree traversals Page



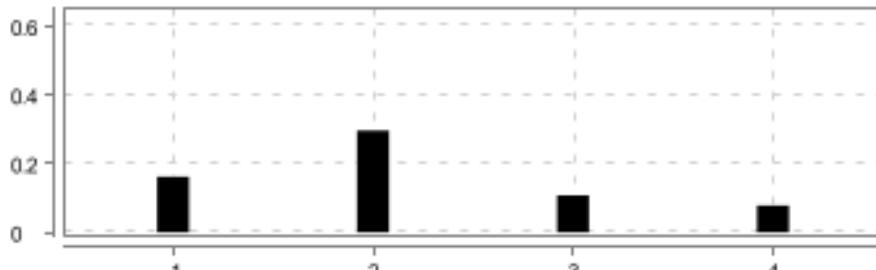
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the "Tree page" after logged in                          | PASSED | 0.160 s  |
| 2 | When The user clicks on the binary tree traversals button                     | PASSED | 0.342 s  |
| 3 | Then The user should be directed to the "Binary Tree Traversals" of tree Page | PASSED | 0.016 s  |

### The user is able to navigate to a page having an tryEditor from Binary Tree Traversals page

|   |                    |  |  |   |
|---|--------------------|--|--|---|
| PASSED  | DURATION - 0.403 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 5:22:24.626 PM // 5:22:25.029 PM /                |                    |  |  |   |
| User tests the Tree page on the Ds algo application |                    |  |  |   |
| @tree @TreeScenario_36                              |                    |  |  |   |

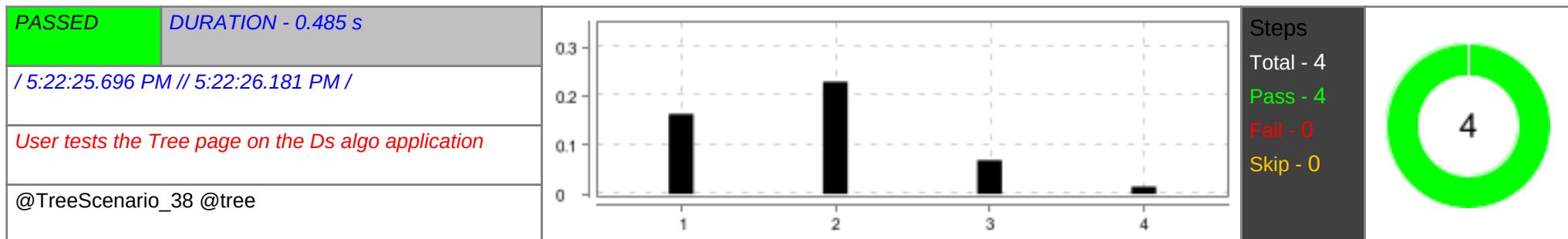
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "Binary Tree Traversals" after logged in                          | PASSED | 0.104 s  |
| 2 | When The user clicks "Try Here" button in a "binary tree traversals" page                  | PASSED | 0.269 s  |
| 3 | Then The user should be redirected to a page having an tryEditor with a Run button to test | PASSED | 0.021 s  |

### The user is able to run code in Editor for Graph page

|   |                    |  |  |   |
|---|--------------------|--|--|---|
| PASSED  | DURATION - 0.654 s |  | Steps<br>Total - 4<br>Pass - 4<br>Fail - 0<br>Skip - 0 |  |
| / 5:22:25.036 PM // 5:22:25.690 PM /                |                    |  |  |   |
| User tests the Tree page on the Ds algo application |                    |  |  |   |
| @TreeScenario_37 @tree                              |                    |  |  |   |

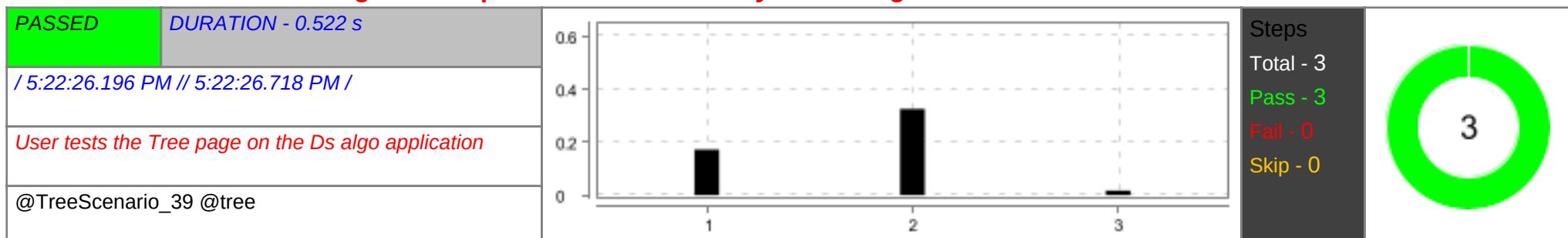
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test         | PASSED | 0.162 s  |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.296 s  |
| 3 | And clicks run button  | PASSED | 0.108 s  |
| 4 | Then The user is presented with the result after run button is clicked         | PASSED | 0.078 s  |

### The user is presented with error message for invalid code in Editor for Graph page



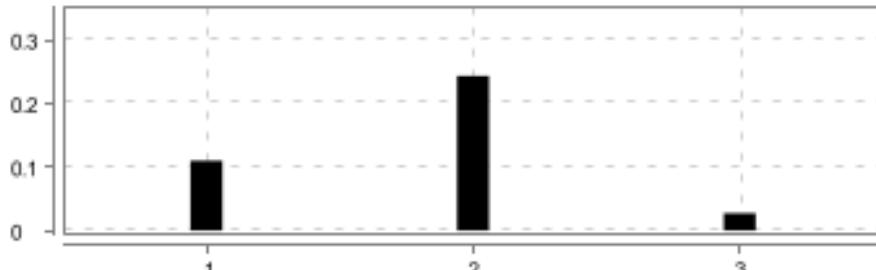
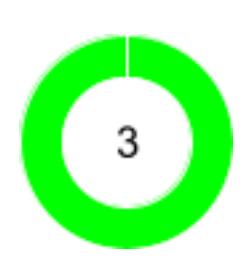
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test                    | PASSED | 0.163 s  |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1          | PASSED | 0.229 s  |
| 3 | And clicks run button   | PASSED | 0.069 s  |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.015 s  |

### The user is able to navigate to Implementation of Binary Trees Page



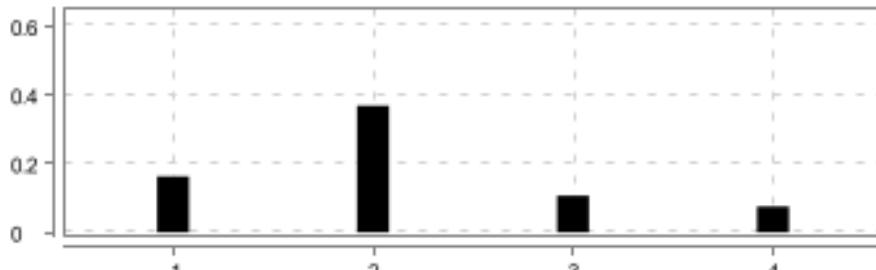
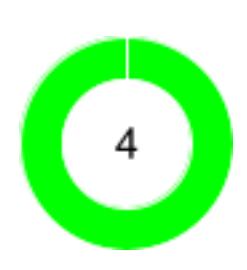
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the "Tree page" after logged in                                  | PASSED | 0.173 s  |
| 2 | When The user clicks on the Implementation of Binary Trees button                     | PASSED | 0.326 s  |
| 3 | Then The user should be directed to the "Implementation of Binary Trees" of tree Page | PASSED | 0.017 s  |

### The user is able to navigate to a page having an tryEditor from Implementation of Binary Trees Page

|   |                    |  |  |   |
|---|--------------------|--|--|---|
| PASSED  | DURATION - 0.387 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 5:22:26.730 PM // 5:22:27.117 PM /                |                    |  |  |   |
| User tests the Tree page on the Ds algo application |                    |  |  |   |
| @tree @TreeScenario_40                              |                    |  |  |   |

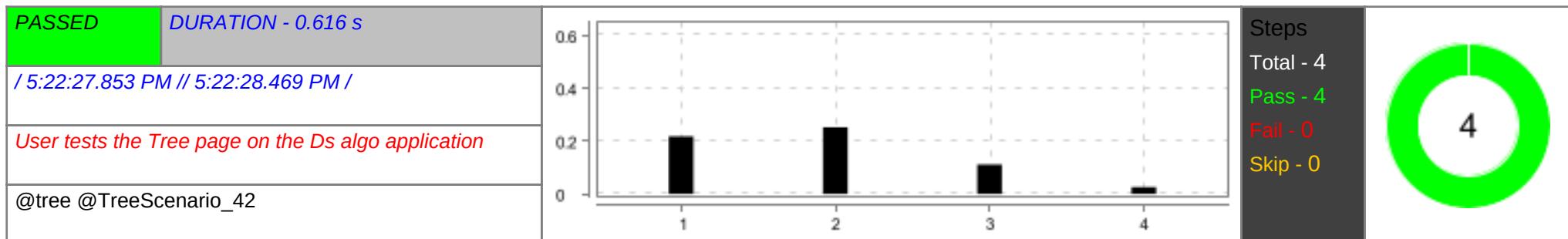
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "Implementation Of Binary Trees" after logged in                  | PASSED | 0.110 s  |
| 2 | When The user clicks "Try Here" button in a "Implementation of binary trees" page          | PASSED | 0.243 s  |
| 3 | Then The user should be redirected to a page having an tryEditor with a Run button to test | PASSED | 0.027 s  |

### The user is able to run code in Editor for Graph page

|   |                    |  |  |   |
|---|--------------------|--|--|---|
| PASSED  | DURATION - 0.721 s |  | Steps<br>Total - 4<br>Pass - 4<br>Fail - 0<br>Skip - 0 |  |
| / 5:22:27.124 PM // 5:22:27.845 PM /                |                    |  |  |   |
| User tests the Tree page on the Ds algo application |                    |  |  |   |
| @tree @TreeScenario_41                              |                    |  |  |   |

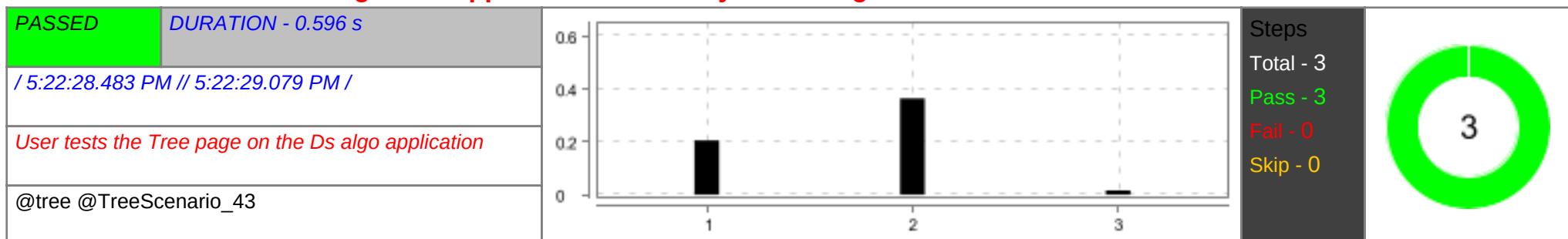
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test         | PASSED | 0.163 s  |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.369 s  |
| 3 | And clicks run button  | PASSED | 0.107 s  |
| 4 | Then The user is presented with the result after run button is clicked         | PASSED | 0.075 s  |

### The user is presented with error message for invalid code in Editor for Graph page



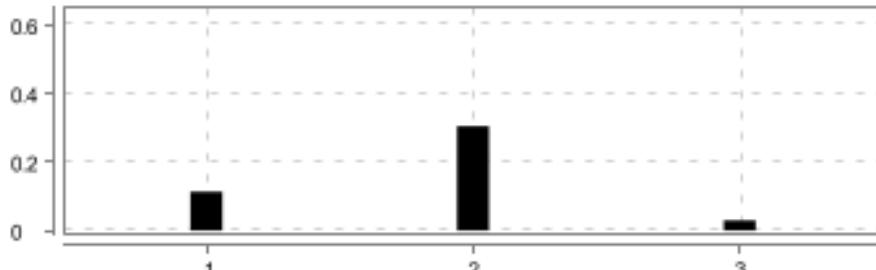
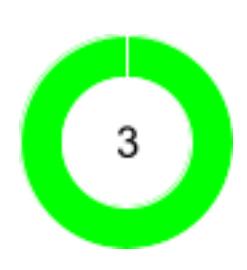
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test                    | PASSED | 0.218 s  |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1          | PASSED | 0.253 s  |
| 3 | And clicks run button   | PASSED | 0.112 s  |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.026 s  |

### The user is able to navigate to Applications of Binary Trees Page



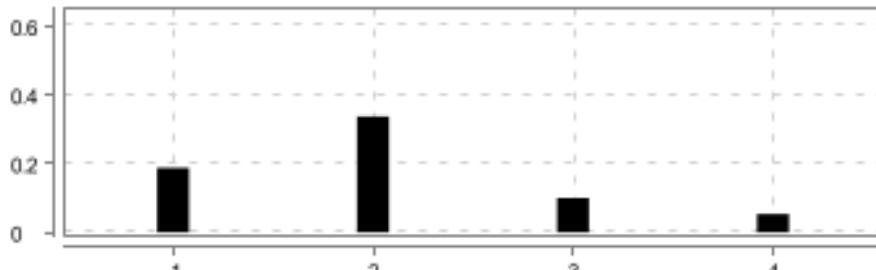
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the "Tree page" after logged in                                | PASSED | 0.206 s  |
| 2 | When The user clicks on the Applications of Binary Trees button                     | PASSED | 0.365 s  |
| 3 | Then The user should be directed to the "Applications of Binary trees" of tree Page | PASSED | 0.016 s  |

### The user is able to navigate to a page having an tryEditor from Applications of Binary trees Page

|   |                    |  |  |   |
|---|--------------------|--|--|---|
| PASSED  | DURATION - 0.459 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 5:22:29.089 PM // 5:22:29.548 PM /                |                    |  |  |   |
| User tests the Tree page on the Ds algo application |                    |  |  |   |
| @tree @TreeScenario_44                              |                    |  |  |   |

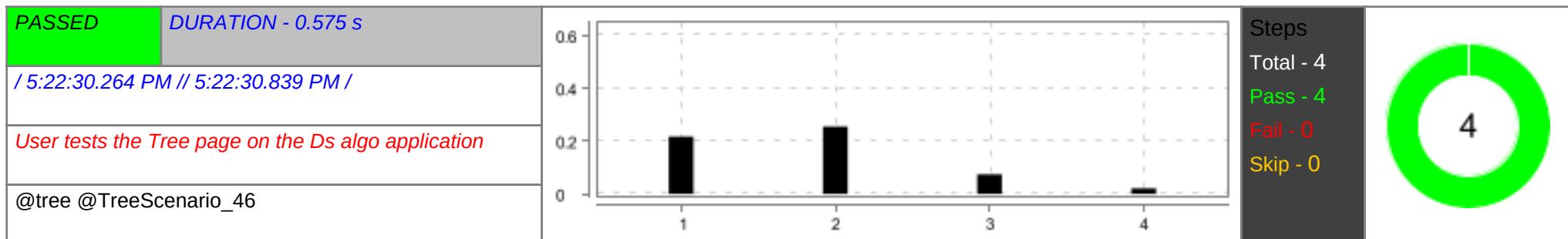
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "Applications Of Binary Trees" after logged in                    | PASSED | 0.113 s  |
| 2 | When The user clicks "Try Here" button in a "Applications of binary trees" page            | PASSED | 0.305 s  |
| 3 | Then The user should be redirected to a page having an tryEditor with a Run button to test | PASSED | 0.030 s  |

### The user is able to run code in Editor for Graph page

|   |                    |  |  |   |
|---|--------------------|--|--|---|
| PASSED  | DURATION - 0.684 s |  | Steps<br>Total - 4<br>Pass - 4<br>Fail - 0<br>Skip - 0 |  |
| / 5:22:29.568 PM // 5:22:30.252 PM /                |                    |  |  |   |
| User tests the Tree page on the Ds algo application |                    |  |  |   |
| @tree @TreeScenario_45                              |                    |  |  |   |

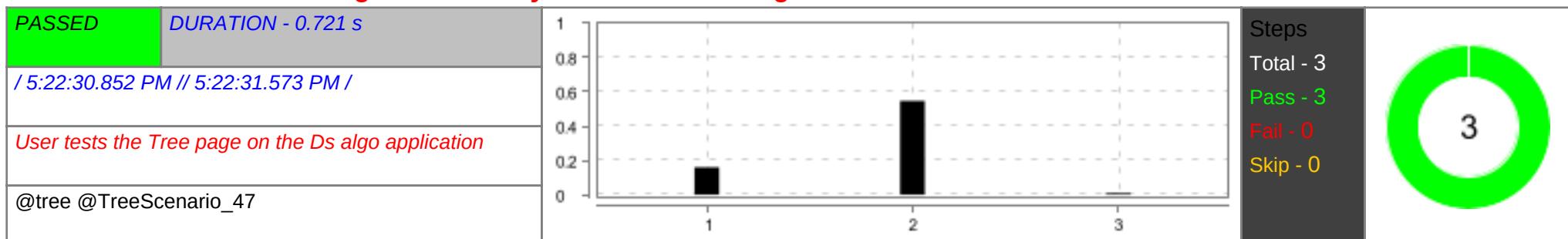
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test         | PASSED | 0.188 s  |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.337 s  |
| 3 | And clicks run button  | PASSED | 0.100 s  |
| 4 | Then The user is presented with the result after run button is clicked         | PASSED | 0.053 s  |

### The user is presented with error message for invalid code in Editor for Graph page



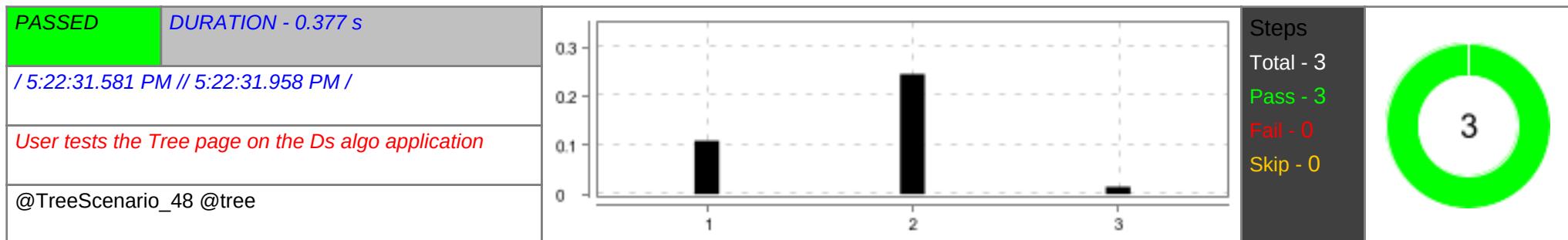
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test                    | PASSED | 0.217 s  |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1          | PASSED | 0.255 s  |
| 3 | And clicks run button   | PASSED | 0.074 s  |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.021 s  |

### The user is able to navigate to "Binary Search Trees" Page



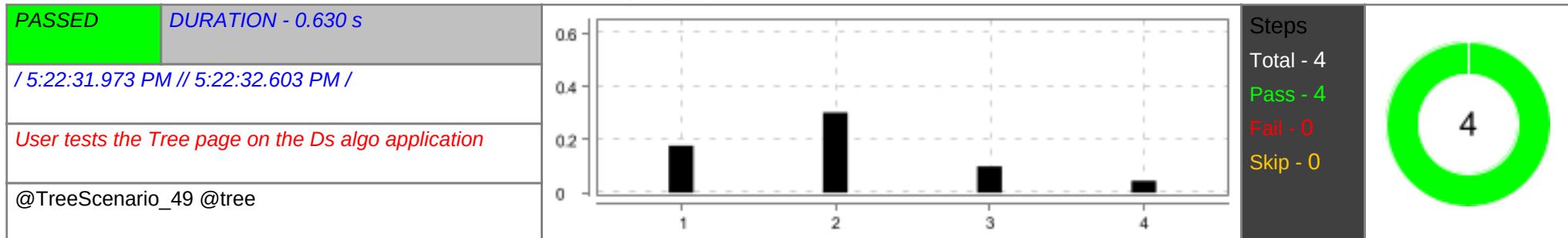
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "Tree page" after logged in                       | PASSED | 0.160 s  |
| 2 | When The user clicks on the Binary Search Trees button                     | PASSED | 0.547 s  |
| 3 | Then The user should be directed to the "Binary Search Trees" of tree Page | PASSED | 0.009 s  |

### The user is able to navigate to a page having an tryEditor from Binary Search Trees Page



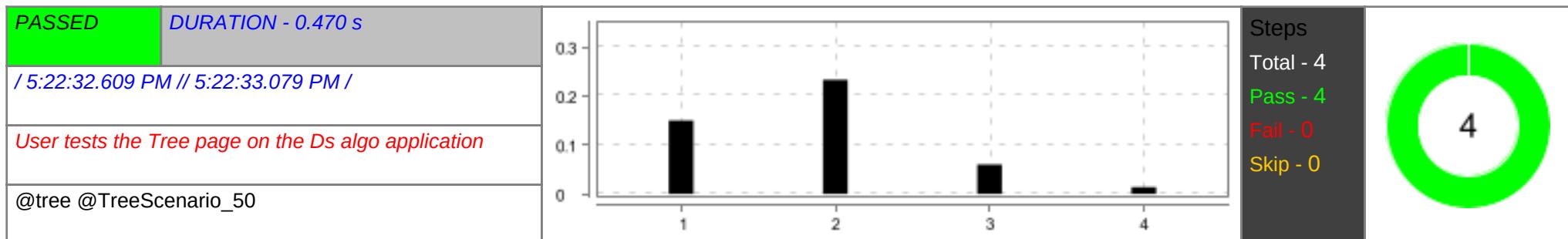
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "Binary Search Trees" after logged in                             | PASSED | 0.109 s  |
| 2 | When The user clicks "Try Here" button in a "Binary Search Trees" page                     | PASSED | 0.245 s  |
| 3 | Then The user should be redirected to a page having an tryEditor with a Run button to test | PASSED | 0.015 s  |

### The user is able to run code in Editor for Graph page



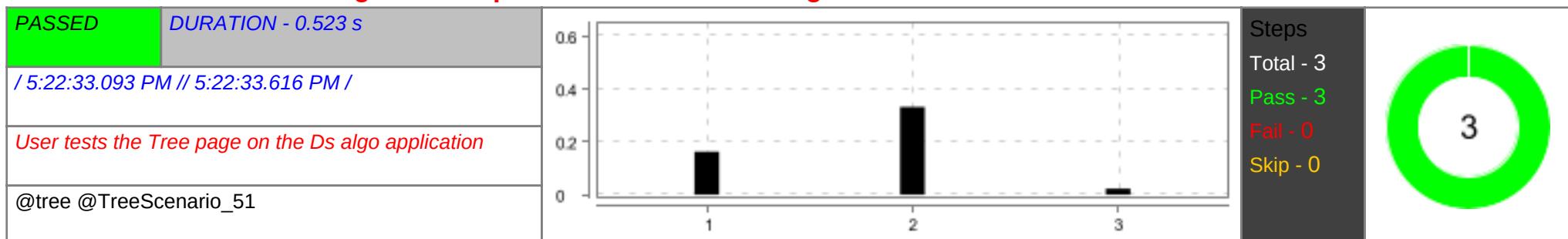
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test         | PASSED | 0.177 s  |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.302 s  |
| 3 | And clicks run button  | PASSED | 0.099 s  |
| 4 | Then The user is presented with the result after run button is clicked         | PASSED | 0.045 s  |

### The user is presented with error message for invalid code in Editor for Graph page



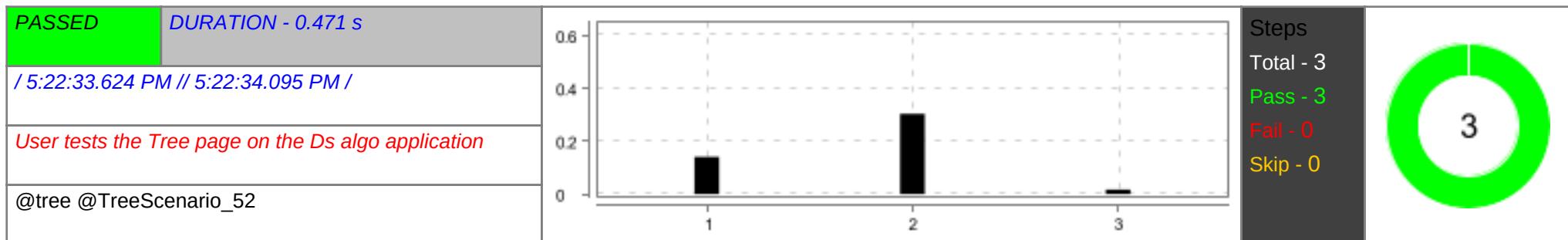
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test                    | PASSED | 0.150 s  |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1          | PASSED | 0.233 s  |
| 3 | And clicks run button   | PASSED | 0.060 s  |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.014 s  |

### The user is able to navigate to "Implementation of BST" Page



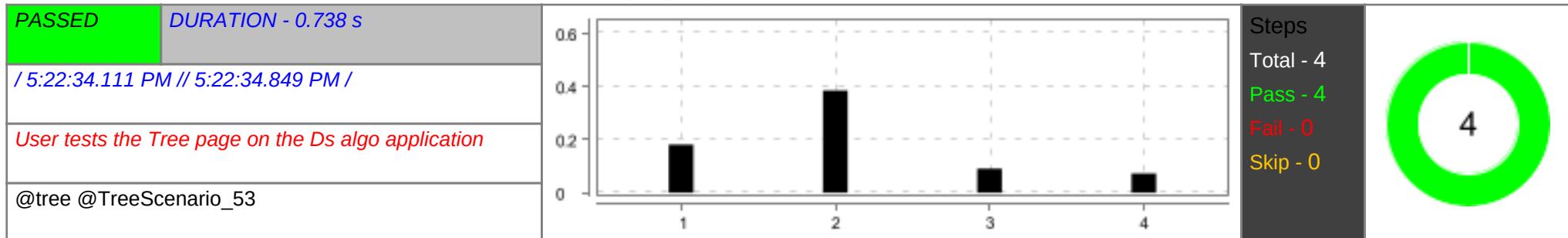
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "Tree page" after logged in                         | PASSED | 0.163 s  |
| 2 | When The user clicks on the Implementation of BST button                     | PASSED | 0.333 s  |
| 3 | Then The user should be directed to the "Implementation Of BST" of tree Page | PASSED | 0.023 s  |

### The user is able to navigate to a page having an tryEditor from Implementation Of BST Page



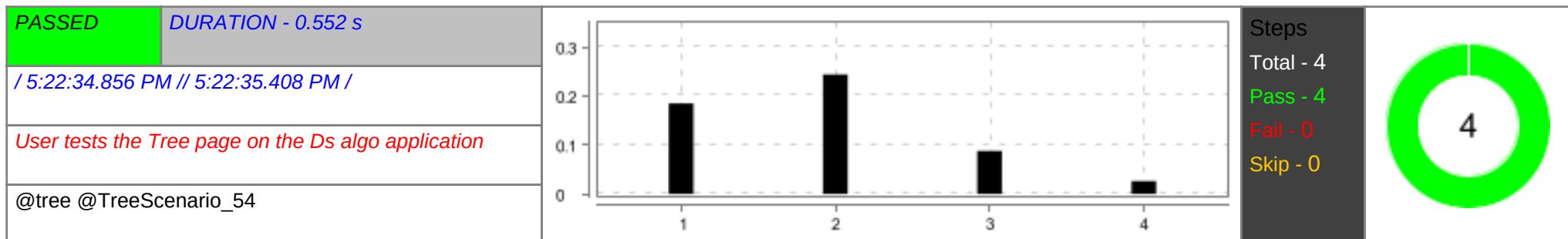
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "Implementation Of BST" after logged in                           | PASSED | 0.141 s  |
| 2 | When The user clicks "Try Here" button in a "Implementation of BST" page                   | PASSED | 0.304 s  |
| 3 | Then The user should be redirected to a page having an tryEditor with a Run button to test | PASSED | 0.017 s  |

### The user is able to run code in Editor for Graph page



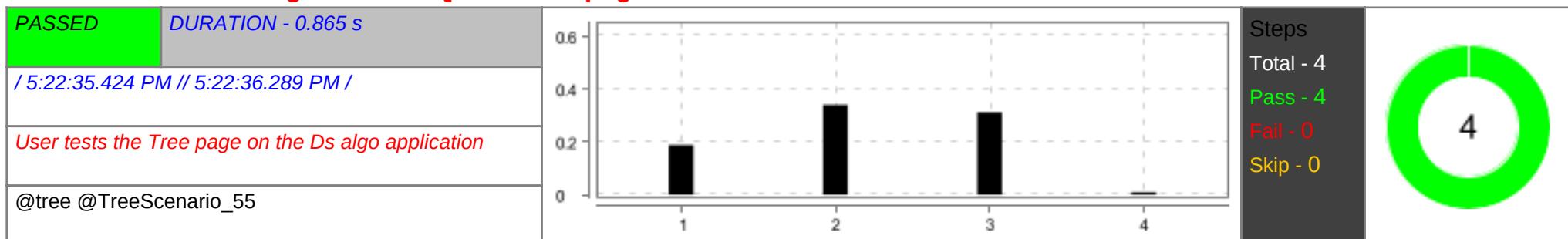
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test         | PASSED | 0.181 s  |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.385 s  |
| 3 | And clicks run button  | PASSED | 0.091 s  |
| 4 | Then The user is presented with the result after run button is clicked         | PASSED | 0.072 s  |

### The user is presented with error message for invalid code in Editor for Graph page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test                    | PASSED | 0.185 s  |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1          | PASSED | 0.244 s  |
| 3 | And clicks run button   | PASSED | 0.088 s  |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.026 s  |

### The user validating "Practice Questions" page

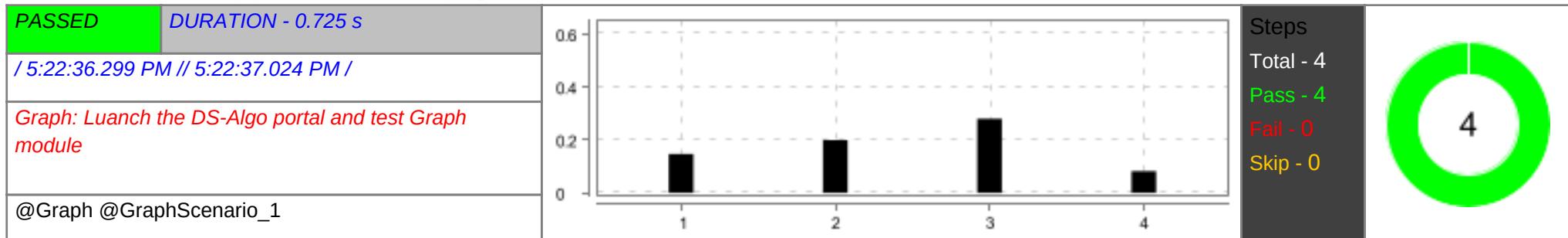


| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "Tree page" after logged in                     | PASSED | 0.188 s  |
| 2 | When The user clicks on the Overview of Trees link                       | PASSED | 0.340 s  |
| 3 | When The user clicks on the Practice Questions in Overview of Trees      | PASSED | 0.313 s  |
| 4 | Then The user should be directed to Practice Questions of tree page Page | PASSED | 0.010 s  |

### Graph: Luanch the DS-Algo portal and test Graph module

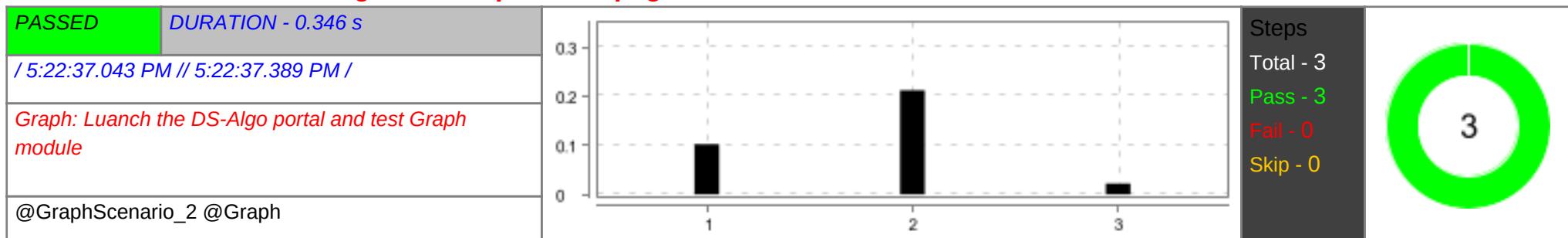


### The user is logged in to DS Algo portal



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on Signin page of DS Algo portal                   | PASSED | 0.147 s  |
| 2 | When The user enter valid "arshsquashers@gmail.com" and "Welcome12#" | PASSED | 0.199 s  |
| 3 | And The user click on login button                                   | PASSED | 0.280 s  |
| 4 | Then The user redirected to homepage                                 | PASSED | 0.082 s  |

### The user is able to navigate to Graph home page



| # | Step / Hook Details                                  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "home page" after logged in | PASSED | 0.102 s  |

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 2 | When The user clicks on the Get Started button on Graph or select Stack item from the drop down menu | PASSED | 0.212 s  |
| 3 | Then The user is redirected to the "Graph" page  | PASSED | 0.022 s  |

### The user is able to navigate to Graph Graph page

|  |                    |  |   |  |
|--|--------------------|--|---|--|
| PASSED   | DURATION - 1.394 s |  | <b>Steps</b><br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 5:22:37.401 PM // 5:22:38.795 PM /                   |                    |  |   |  |
| Graph: Luanch the DS-Algo portal and test Graph module |                    |  |   |  |
| @GraphScenario_3 @Graph                                |                    |  |   |  |

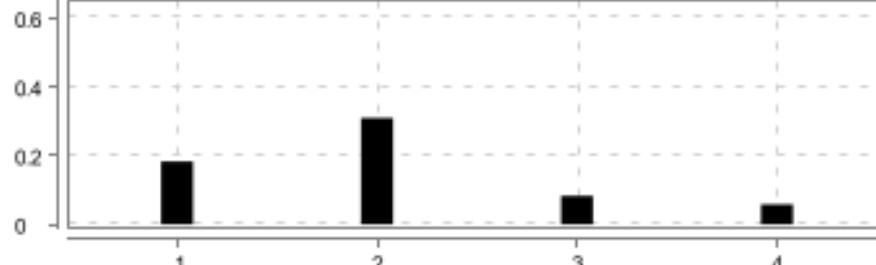
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "Graph url" after logged in         | PASSED | 0.094 s  |
| 2 | When The user clicks on the Graph link on Graph page         | PASSED | 1.250 s  |
| 3 | Then The user should be redirected to "Graph Graph url" page | PASSED | 0.042 s  |

### The user should be redirected to tryeditor page with run button to test python code

|  |                    |  |   |  |
|--|--------------------|--|---|--|
| PASSED   | DURATION - 1.648 s |  | <b>Steps</b><br>Total - 4<br>Pass - 4<br>Fail - 0<br>Skip - 0 |  |
| / 5:22:38.809 PM // 5:22:40.457 PM /                   |                    |  |   |  |
| Graph: Luanch the DS-Algo portal and test Graph module |                    |  |   |  |
| @Graph @GraphScenario_4                                |                    |  |   |  |

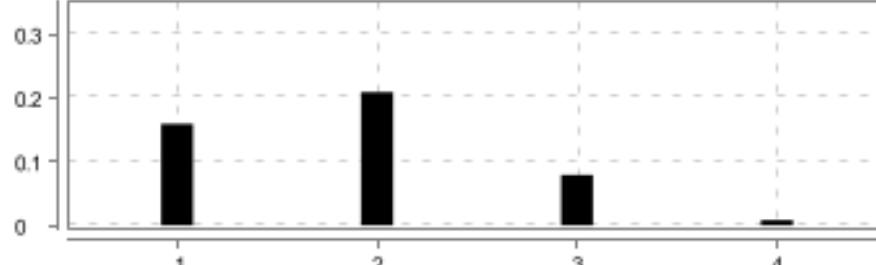
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "Graph url" after logged in                 | PASSED | 0.114 s  |
| 2 | And The user clicks on the Graph link on Graph page                  | PASSED | 1.225 s  |
| 3 | When The user clicks on "Tryhere" button on "Graph Graph url" page   | PASSED | 0.288 s  |
| 4 | Then The user should be redirected to tryEditor page with Run button | PASSED | 0.013 s  |

### The user is able to run code in Editor for Graph page

|  |                    |  |  |   |
|--|--------------------|--|--|---|
| PASSED   | DURATION - 0.641 s |  | Steps<br>Total - 4<br>Pass - 4<br>Fail - 0<br>Skip - 0 |  |
| / 5:22:40.470 PM // 5:22:41.111 PM /                   |                    |  |  |   |
| Graph: Luanch the DS-Algo portal and test Graph module |                    |  |  |   |
| @Graph @GraphScenario_5                                |                    |  |  |   |

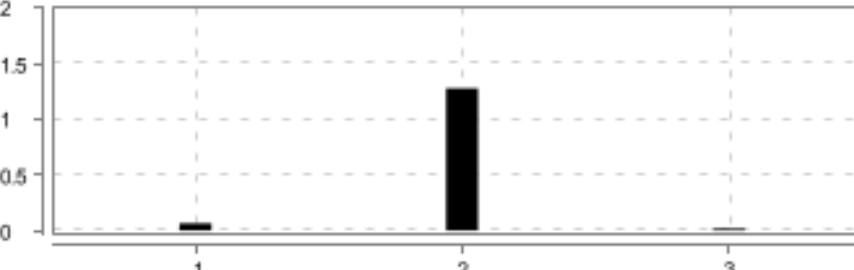
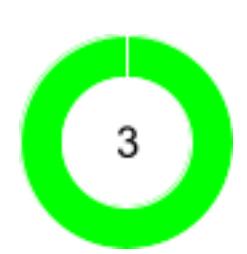
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test         | PASSED | 0.183 s  |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.310 s  |
| 3 | And clicks run button  | PASSED | 0.083 s  |
| 4 | Then The user is presented with the result after run button is clicked         | PASSED | 0.058 s  |

### The user is presented with error message for invalid code in Editor for Graph page

|  |                    |   |  |  |
|--|--------------------|---|--|--|
| PASSED   | DURATION - 0.464 s |  | Steps<br>Total - 4<br>Pass - 4<br>Fail - 0<br>Skip - 0 |  |
| / 5:22:41.123 PM // 5:22:41.587 PM /                   |                    |   |  |  |
| Graph: Luanch the DS-Algo portal and test Graph module |                    |   |  |  |
| @GraphScenario_6 @Graph                                |                    |   |  |  |

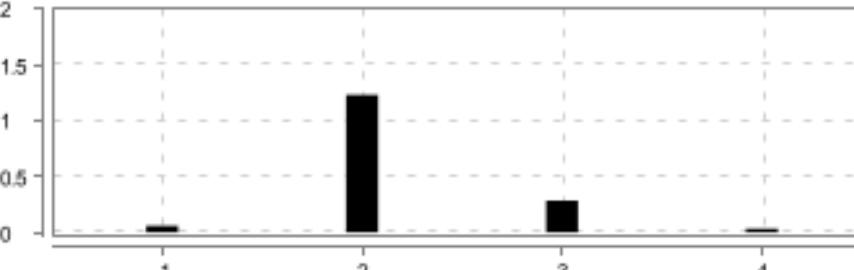
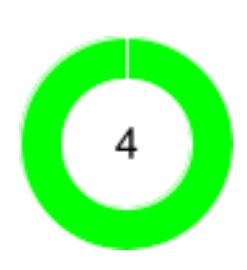
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test                    | PASSED | 0.159 s  |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1          | PASSED | 0.209 s  |
| 3 | And clicks run button   | PASSED | 0.079 s  |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.008 s  |

### The user is able to navigate to graph page and click on Graph Representations link

|  |                    |  |  |   |
|--|--------------------|--|--|---|
| PASSED   | DURATION - 1.370 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 5:22:41.614 PM // 5:22:42.984 PM /                   |                    |  |  |   |
| Graph: Luanch the DS-Algo portal and test Graph module |                    |  |  |   |
| @GraphScenario_7 @Graph                                |                    |  |  |   |

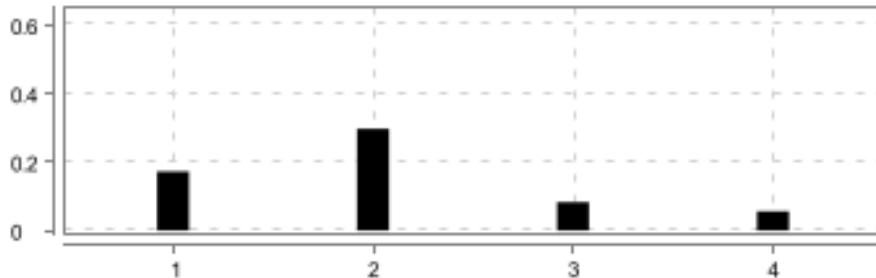
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "Graph url" after logged in           | PASSED | 0.066 s  |
| 2 | When The user clicks on Graph Representations link             | PASSED | 1.278 s  |
| 3 | Then The user is navigated to "Graph Representations url" page | PASSED | 0.017 s  |

### The user should be redirected to tryeditor page with run button to test python code

|  |                    |  |  |   |
|--|--------------------|--|--|---|
| PASSED   | DURATION - 1.616 s |  | Steps<br>Total - 4<br>Pass - 4<br>Fail - 0<br>Skip - 0 |  |
| / 5:22:42.993 PM // 5:22:44.609 PM /                   |                    |  |  |   |
| Graph: Luanch the DS-Algo portal and test Graph module |                    |  |  |   |
| @GraphScenario_8 @Graph                                |                    |  |  |   |

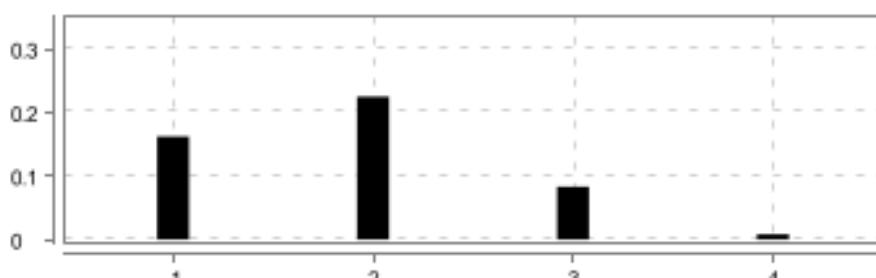
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the "Graph url" after logged in                        | PASSED | 0.058 s  |
| 2 | When The user clicks on Graph Representations link                          | PASSED | 1.232 s  |
| 3 | And The user clicks on "Tryhere" button on "Graph Representations url" page | PASSED | 0.285 s  |
| 4 | Then The user should be redirected to tryEditor page with Run button        | PASSED | 0.033 s  |

### The user is able to run code in Editor for Graph Representations page

|  |                    |  |  |   |
|--|--------------------|--|--|---|
| PASSED   | DURATION - 0.616 s |  | Steps<br>Total - 4<br>Pass - 4<br>Fail - 0<br>Skip - 0 |  |
| / 5:22:44.628 PM // 5:22:45.244 PM /                   |                    |  |  |   |
| Graph: Luanch the DS-Algo portal and test Graph module |                    |  |  |   |
| @GraphScenario_9 @Graph                                |                    |  |  |   |

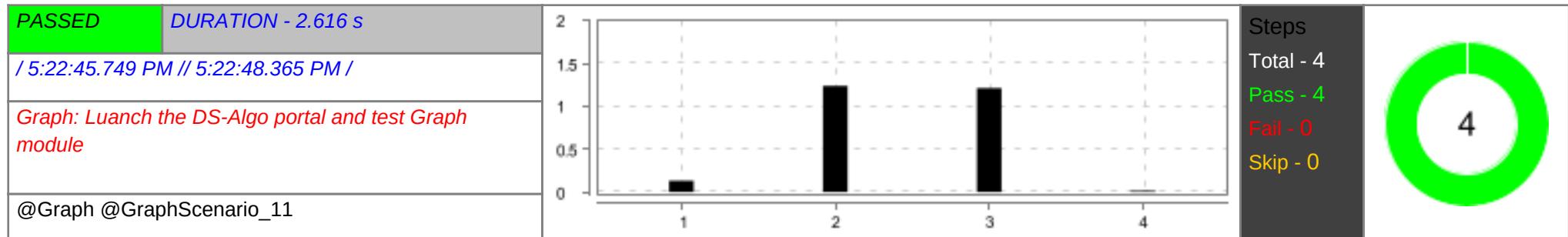
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test         | PASSED | 0.173 s  |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.297 s  |
| 3 | And clicks run button  | PASSED | 0.083 s  |
| 4 | Then The user is presented with the result after run button is clicked         | PASSED | 0.056 s  |

### The user is presented with error message for invalid code in Editor for Graph Representations page

|  |                    |   |  |   |
|--|--------------------|---|--|---|
| PASSED   | DURATION - 0.484 s |  | Steps<br>Total - 4<br>Pass - 4<br>Fail - 0<br>Skip - 0 |  |
| / 5:22:45.249 PM // 5:22:45.733 PM /                   |                    |   |  |   |
| Graph: Luanch the DS-Algo portal and test Graph module |                    |   |  |   |
| @Graph @GraphScenario_10                               |                    |   |  |   |

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test                    | PASSED | 0.162 s  |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1          | PASSED | 0.225 s  |
| 3 | And clicks run button   | PASSED | 0.083 s  |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.008 s  |

### The user is able to navigate to graph url and click on Practice Questions



| # | Step / Hook Details                                    | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the "Graph url" after logged in   | PASSED | 0.132 s  |
| 2 | When The user clicks on the Graph link on Graph page   | PASSED | 1.241 s  |
| 3 | And the user clicks on Practice Questions link         | PASSED | 1.215 s  |
| 4 | Then The user is directed to "graph practice url" page | PASSED | 0.015 s  |