

Cucumber Report

Dec 21, 2023, 3:15:56 PM

Start : Dec 21, 3:10:58.061 PM

End : Dec 21, 3:15:53.972 PM

Duration : 4 m 55.911 s

Features

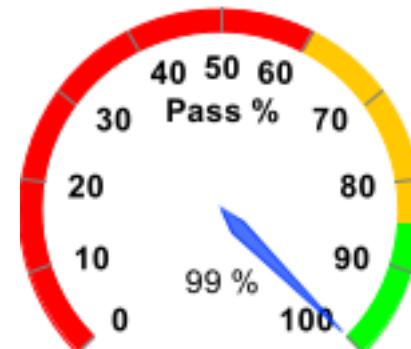
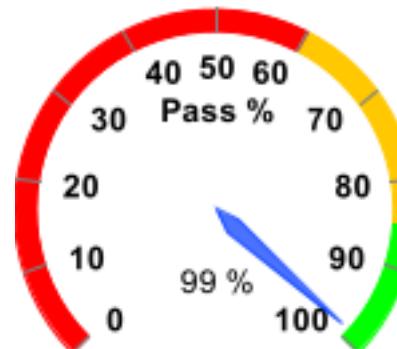
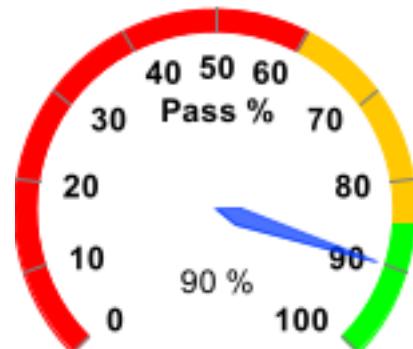
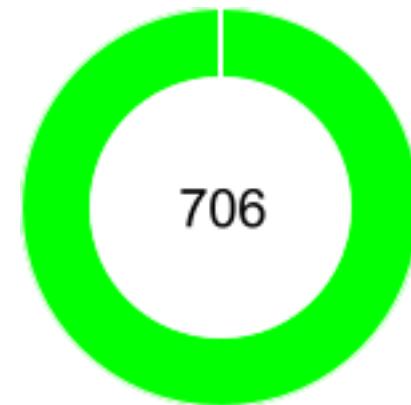
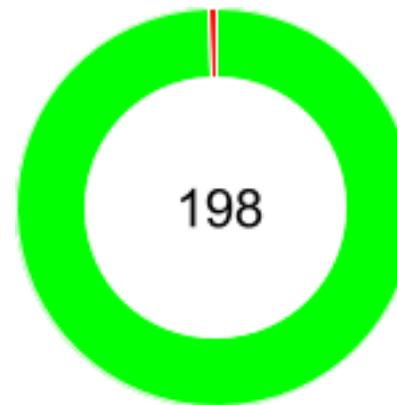
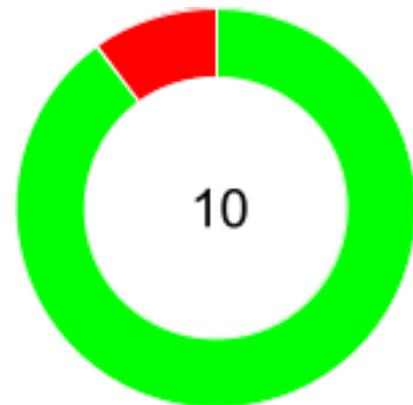
PASSED - 9
FAILED - 1
SKIPPED - 0

Scenarios

PASSED - 197
FAILED - 1
SKIPPED - 0

Steps

PASSED - 705
FAILED - 1
SKIPPED - 0



| Feature | | Scenario | | | | Step | | | |
|---------------------------------------------------------------|-----------------|-----------------|----------|----------|----------|-------------|----------|----------|----------|
| Name | Duration | T | P | F | S | T | P | F | S |
| <u>User launch dsalgo application and test Home page</u> | 54.153 s | 16 | 16 | 0 | 0 | 48 | 48 | 0 | 0 |
| <u>Validating Register page</u> | 21.780 s | 12 | 11 | 1 | 0 | 36 | 35 | 1 | 0 |
| <u>Validating Login page</u> | 8.550 s | 6 | 6 | 0 | 0 | 18 | 18 | 0 | 0 |
| <u>DataStructures-Introduction feature</u> | 8.453 s | 6 | 6 | 0 | 0 | 23 | 23 | 0 | 0 |
| <u>Array feature</u> | 1 m 9.943 s | 31 | 31 | 0 | 0 | 124 | 124 | 0 | 0 |
| <u>Testing LinkedList page</u> | 36.022 s | 31 | 31 | 0 | 0 | 109 | 109 | 0 | 0 |
| <u>Stack: Luanch the DS-Algo portal and test Stack module</u> | 15.311 s | 15 | 15 | 0 | 0 | 52 | 52 | 0 | 0 |
| <u>Queue feature</u> | 20.672 s | 15 | 15 | 0 | 0 | 62 | 62 | 0 | 0 |
| <u>User tests the Tree page on the Ds algo application</u> | 47.056 s | 55 | 55 | 0 | 0 | 193 | 193 | 0 | 0 |
| <u>Graph: Luanch the DS-Algo portal and test Graph module</u> | 13.763 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> |

| | TAG | Scenario | | | | Feature | | | |
|--|-----------------|-----------------|----------|----------|----------|----------------|----------|----------|----------|
| | | T | P | F | S | T | P | F | S |
| | Name | | | | | | | | |
| | @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 |

| TAG | Name | Scenario | | | | Feature | | | |
|------------------------------|-------------|-----------------|----------|----------|----------|----------------|----------|----------|----------|
| | | T | P | F | S | T | P | F | S |
| @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 |

| TAG | Name | Scenario | | | | Feature | | | |
|--------------|-------------|-----------------|----------|----------|----------|----------------|----------|----------|----------|
| | | T | P | F | S | T | P | F | S |
| @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 |

| TAG | Name | Scenario | | | | Feature | | | |
|--------------|-------------|-----------------|----------|----------|----------|----------------|----------|----------|----------|
| | | T | P | F | S | T | P | F | S |
| @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 |

| TAG | Name | Scenario | | | | Feature | | | |
|------------|-------------|-----------------|----------|----------|----------|----------------|----------|----------|----------|
| | | T | P | F | S | T | P | F | S |
| @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 |

| TAG | Name | Scenario | | | | Feature | | | |
|--------------|-------------|-----------------|----------|----------|----------|----------------|----------|----------|----------|
| | | T | P | F | S | T | P | F | S |
| @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 |

| TAG | Name | Scenario | | | | Feature | | | |
|--------------|-------------|-----------------|----------|----------|----------|----------------|----------|----------|----------|
| | | T | P | F | S | T | P | F | S |
| @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 |

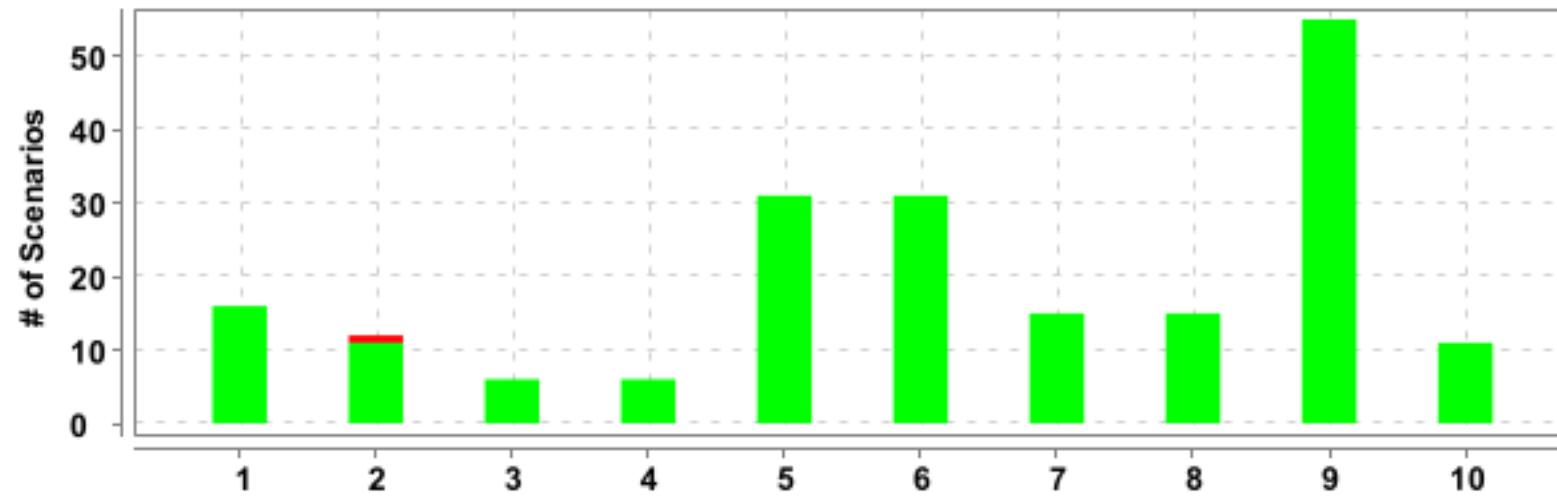
| | TAG | Scenario | | | | Feature | | | |
|--|------------------|-----------------|----------|----------|----------|----------------|----------|----------|----------|
| | | T | P | F | S | T | P | F | S |
| | Name | | | | | | | | |
| | @Queue6 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| | @Queue7 | 1 | 1 | 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 |

| TAG | Name | Scenario | | | | Feature | | | |
|------------------|-------------|-----------------|----------|----------|----------|----------------|----------|----------|----------|
| | | T | P | F | S | T | P | F | S |
| @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 |

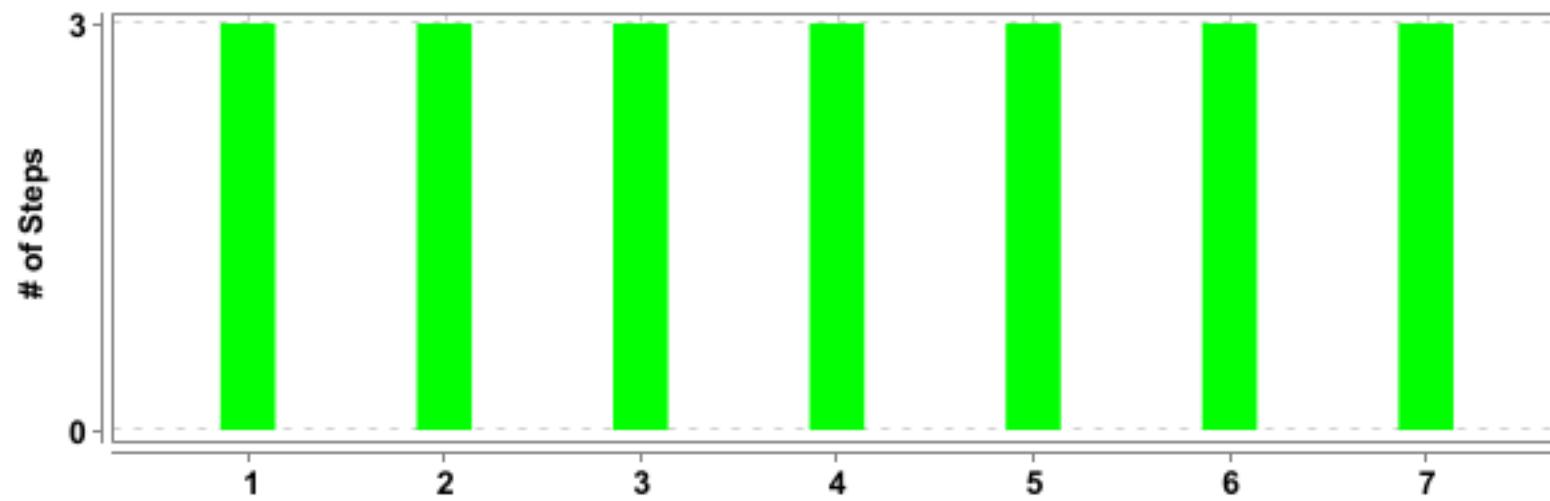
| TAG | Name | Scenario | | | | Feature | | | |
|------------------|-------------|-----------------|----------|----------|----------|----------------|----------|----------|----------|
| | | T | P | F | S | T | P | F | S |
| @TreeScenario_24 | | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| @TreeScenario_25 | | 1 | 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 |

| TAG | Name | Scenario | | | | Feature | | | |
|------------------|-------------|-----------------|----------|----------|----------|----------------|----------|----------|----------|
| | | T | P | F | S | T | P | F | S |
| @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 |

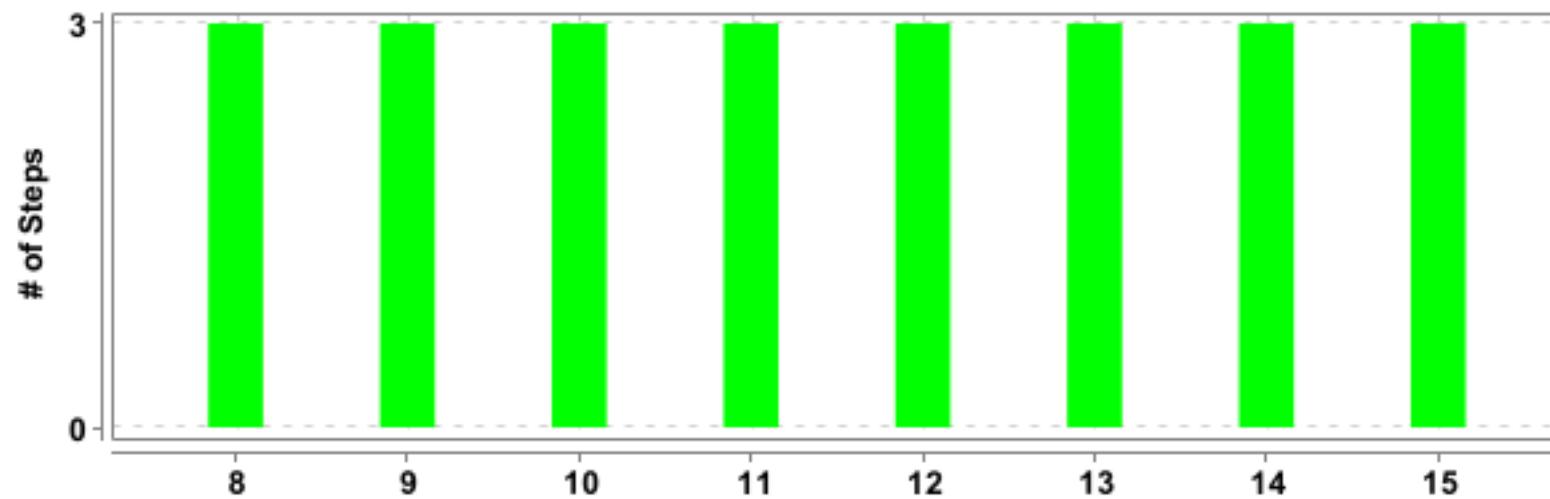
| TAG | Name | Scenario | | | | Feature | | | |
|-------------------|-------------|-----------------|----------|----------|----------|----------------|----------|----------|----------|
| | | T | P | F | S | T | P | F | S |
| @GraphScenario_2 | | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| @GraphScenario_3 | | 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 | 54.153 s |
| 2 | <u>Validating Register page</u> | 12 | 11 | 1 | 0 | 21.780 s |
| 3 | <u>Validating Login page</u> | 6 | 6 | 0 | 0 | 8.550 s |
| 4 | <u>DataStructures-Introduction feature</u> | 6 | 6 | 0 | 0 | 8.453 s |
| 5 | <u>Array feature</u> | 31 | 31 | 0 | 0 | 1 m 9.943 s |
| 6 | <u>Testing LinkedList page</u> | 31 | 31 | 0 | 0 | 36.022 s |
| 7 | <u>Stack: Luanch the DS-Algo portal and test Stack module</u> | 15 | 15 | 0 | 0 | 15.311 s |
| 8 | <u>Queue feature</u> | 15 | 15 | 0 | 0 | 20.672 s |
| 9 | <u>User tests the Tree page on the Ds algo application</u> | 55 | 55 | 0 | 0 | 47.056 s |
| 10 | <u>Graph: Luanch the DS-Algo portal and test Graph module</u> | 11 | 11 | 0 | 0 | 13.763 s |

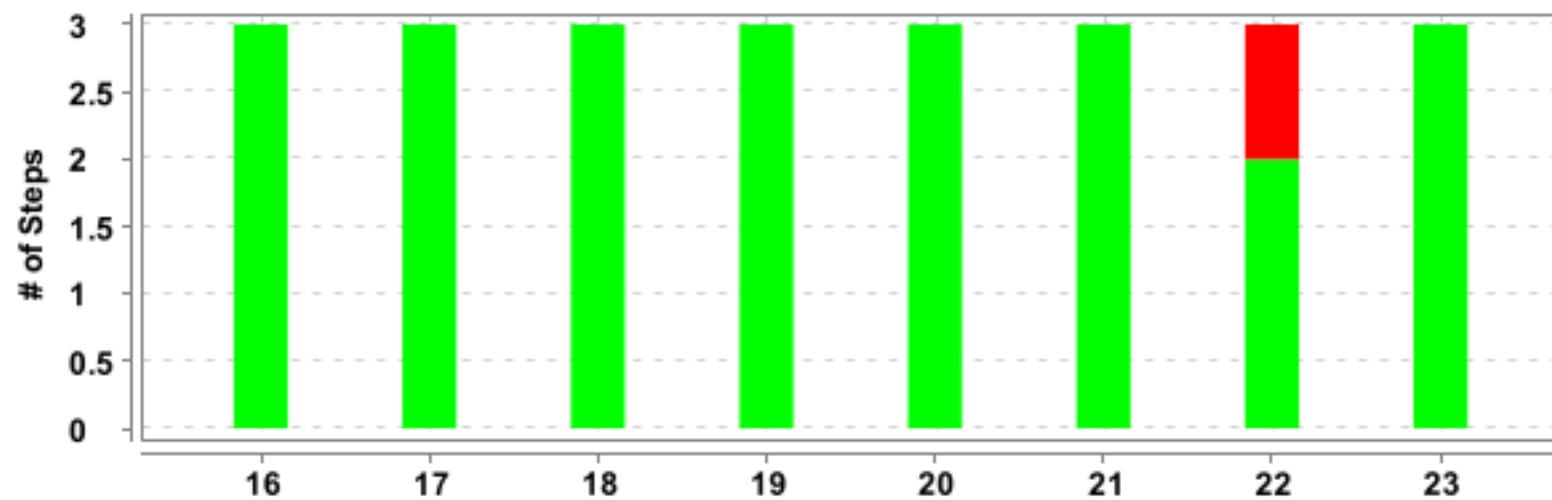


| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|---|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---|---|---|---|----------|
| 1 | <u>User launch dsalgo application and test Home page</u> | <u>User launch home page of an dsalgo project</u> | 3 | 3 | 0 | 0 | 6.975 s |
| 2 | | <u>User is on Home page and click getstarted link "Datastructures" on home page without sign in</u> | 3 | 3 | 0 | 0 | 3.500 s |
| 3 | | <u>User is on Home page and click getstarted link "Arrays" on home page without sign in</u> | 3 | 3 | 0 | 0 | 3.494 s |
| 4 | | <u>User is on Home page and click getstarted link "Linkedlist" on home page without sign in</u> | 3 | 3 | 0 | 0 | 3.506 s |
| 5 | | <u>User is on Home page and click getstarted link "Stack" on home page without sign in</u> | 3 | 3 | 0 | 0 | 3.462 s |
| 6 | | <u>User is on Home page and click getstarted link "Queue" on home page without sign in</u> | 3 | 3 | 0 | 0 | 3.511 s |
| 7 | | <u>User is on Home page and click getstarted link "Tree" on home page without sign in</u> | 3 | 3 | 0 | 0 | 3.458 s |



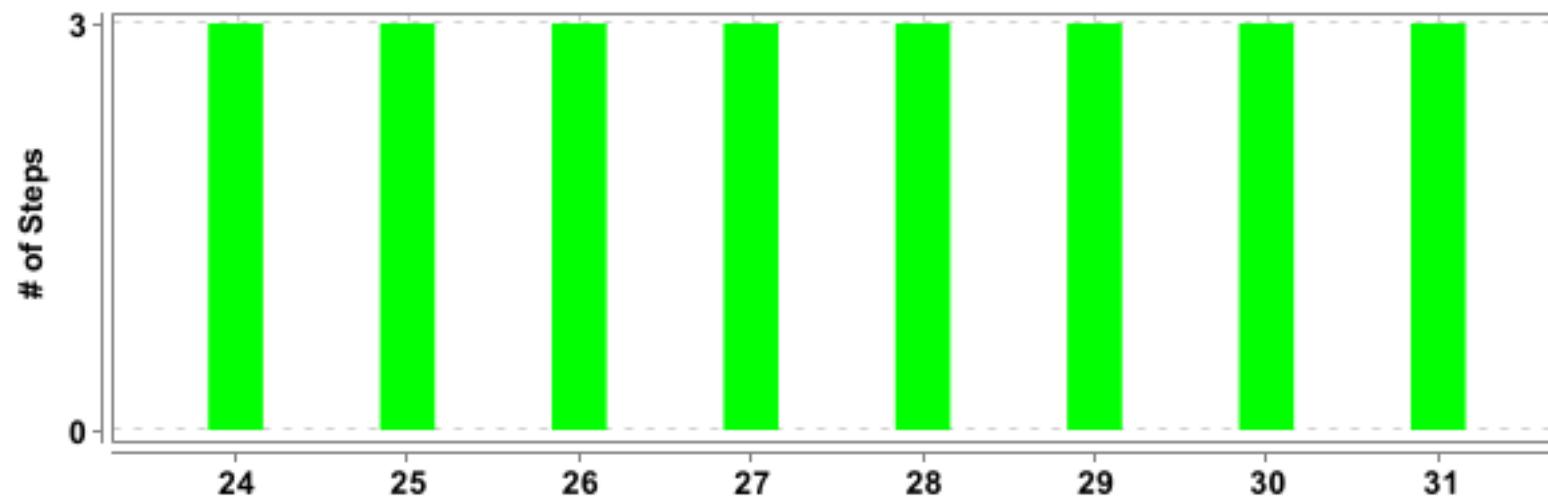
| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|----|----------------------------------------------------------|--------------------------------------------------------------------------------------------|---|---|---|---|----------|
| 8 | <u>User launch dsalgo application and test Home page</u> | <u>User is on Home page and click getstarted link "Graph" on home page without sign in</u> | 3 | 3 | 0 | 0 | 3.485 s |
| 9 | | <u>User is on Home page and click on dropdown "Arrays" without sign in</u> | 3 | 3 | 0 | 0 | 3.550 s |
| 10 | | <u>User is on Home page and click on dropdown "Linkedlist" without sign in</u> | 3 | 3 | 0 | 0 | 3.574 s |
| 11 | | <u>User is on Home page and click on dropdown "Stack" without sign in</u> | 3 | 3 | 0 | 0 | 3.544 s |
| 12 | | <u>User is on Home page and click on dropdown "Queue" without sign in</u> | 3 | 3 | 0 | 0 | 3.561 s |
| 13 | | <u>User is on Home page and click on dropdown "Tree" without sign in</u> | 3 | 3 | 0 | 0 | 3.519 s |
| 14 | | <u>User is on Home page and click on dropdown "Graph" without sign in</u> | 3 | 3 | 0 | 0 | 3.589 s |

| # | Feature Name | Scenario Name | <i>T</i> | <i>P</i> | <i>F</i> | <i>S</i> | Duration |
|----|---------------------|--------------------------------------------------|----------|----------|----------|----------|-----------------|
| 15 | | <u>User is on Home page and click on sign in</u> | 3 | 3 | 0 | 0 | 0.355 s |



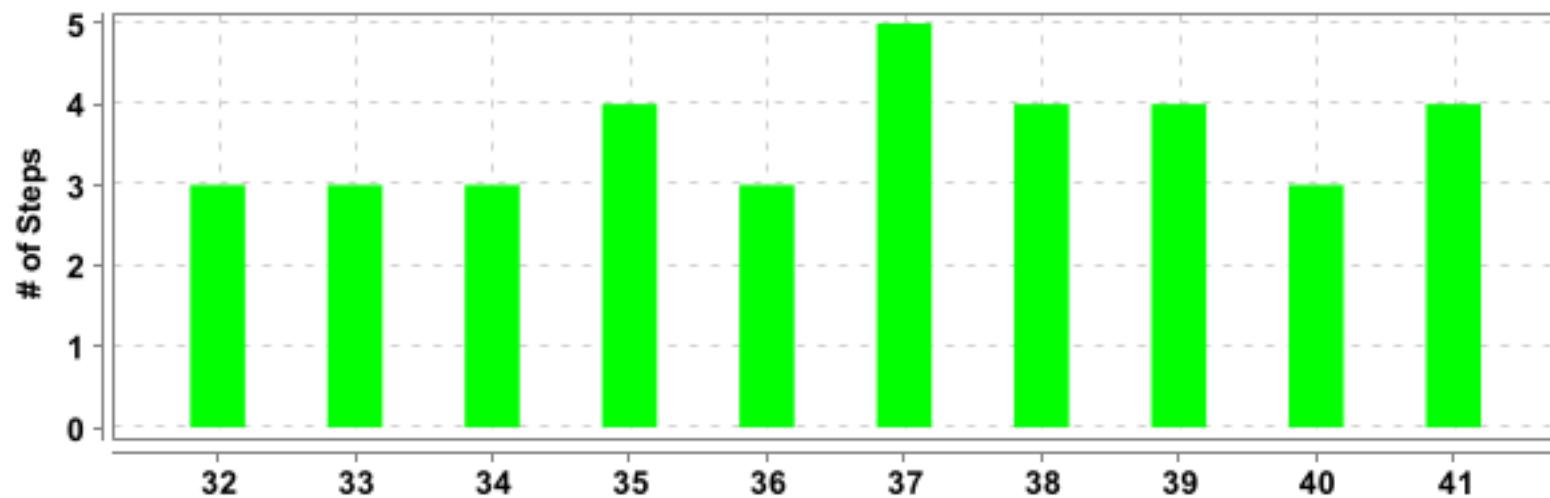
| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|----|---------------------------------------------------|------------------------------------------------------------------------------------------|---|---|---|---|----------|
| 16 | User launch dsalgo application and test Home page | User is on Home page and click on Register | 3 | 3 | 0 | 0 | 0.489 s |
| 17 | Validating Register page | User launch home page of an dsalgo project | 3 | 3 | 0 | 0 | 6.645 s |
| 18 | | The user is presented with error message for empty fields below Username textbox | 3 | 3 | 0 | 0 | 0.339 s |
| 19 | | The user is presented with error message for empty fields below Password textbox | 3 | 3 | 0 | 0 | 0.553 s |
| 20 | | The user is presented with error message for empty fields below confirm Password textbox | 3 | 3 | 0 | 0 | 0.702 s |
| 21 | | The user is presented with error message for invalid username | 3 | 3 | 0 | 0 | 1.928 s |
| 22 | | The user is presented with error message for password mismatch | 3 | 2 | 1 | 0 | 1.612 s |

| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|----|---------------------|-----------------------------------------------------------------------------------------------------|----------|----------|----------|----------|-----------------|
| 23 | | <u><i>The user is presented with error message for password with characters less than eight</i></u> | 3 | 3 | 0 | 0 | 1.995 s |



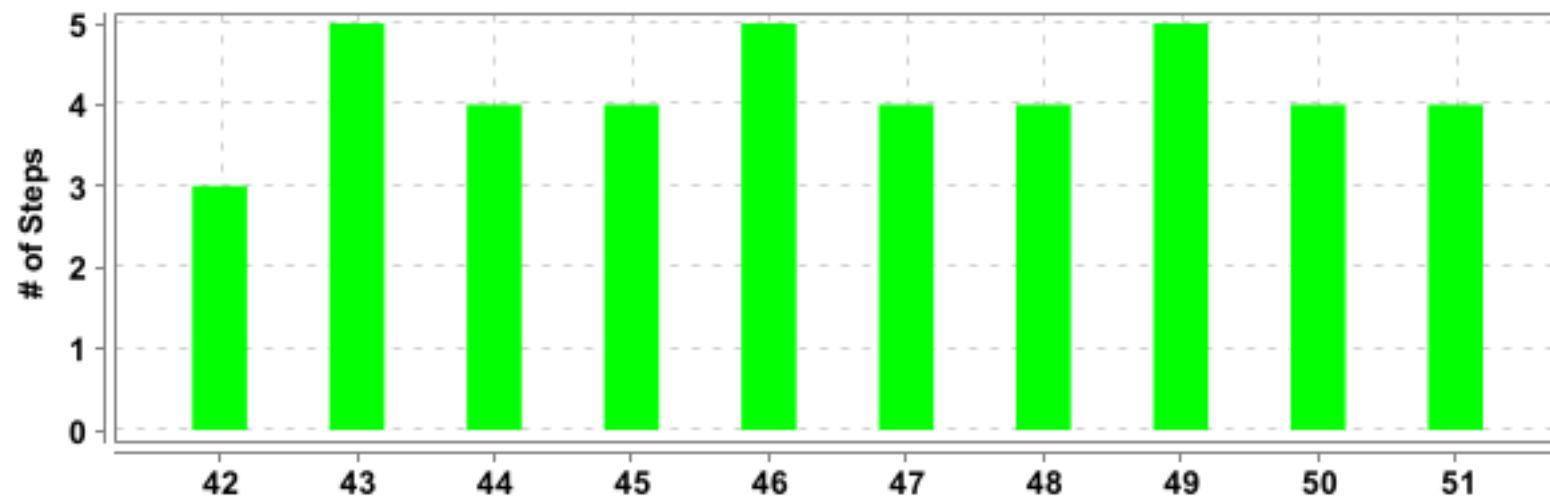
| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|----|---------------------------------|-------------------------------------------------------------------------------------------------------------|---|---|---|---|----------|
| 24 | <u>Validating Register page</u> | <u>The user is presented with error message for password with only numbers</u> | 3 | 3 | 0 | 0 | 1.134 s |
| 25 | | <u>The user is presented with error message for password too similar to your other personal information</u> | 3 | 3 | 0 | 0 | 1.946 s |
| 26 | | <u>The user is presented with error message for commonly used password</u> | 3 | 3 | 0 | 0 | 1.272 s |
| 27 | | <u>The user redirected to Homepage with valid details</u> | 3 | 3 | 0 | 0 | 2.415 s |
| 28 | | <u>The user is presented with error message for existing username</u> | 3 | 3 | 0 | 0 | 1.060 s |
| 29 | | <u>User on login page and login with empty username and valid password</u> | 3 | 3 | 0 | 0 | 1.686 s |
| 30 | | <u>User on login page and login with valid username and empty password</u> | 3 | 3 | 0 | 0 | 0.896 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 | 1.530 s |



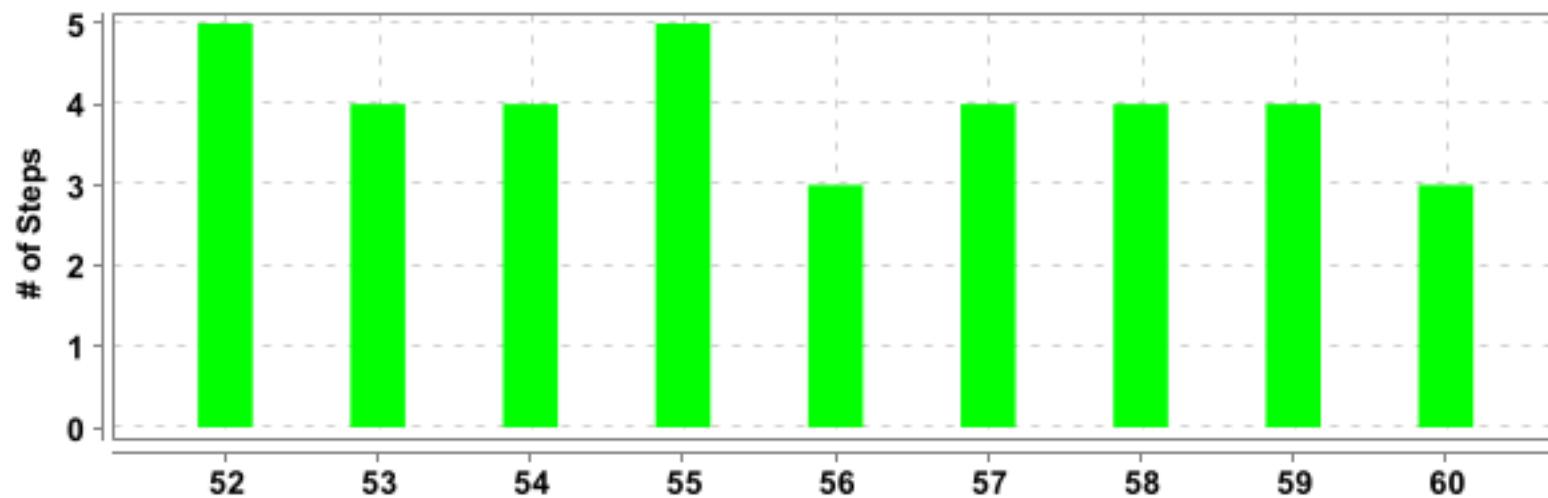
| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|----|--------------------------------------------|-------------------------------------------------------------------------------------------|---|---|---|---|----------|
| 32 | <u>Validating Login page</u> | <u>User on login page and login with valid username and invalid password</u> | 3 | 3 | 0 | 0 | 1.784 s |
| 33 | | <u>User on login page and login with valid username and valid password</u> | 3 | 3 | 0 | 0 | 1.554 s |
| 34 | | <u>Sign-Out scenario</u> | 3 | 3 | 0 | 0 | 1.028 s |
| 35 | <u>DataStructures-Introduction feature</u> | <u>The user is logged in to DS Algo portal</u> | 4 | 4 | 0 | 0 | 1.860 s |
| 36 | | <u>Navigating to DataStructures-Introduction page</u> | 3 | 3 | 0 | 0 | 0.434 s |
| 37 | | <u>Navigating DataStructures-Introduction page</u> | 5 | 5 | 0 | 0 | 1.444 s |
| 38 | | <u>The user is able to run code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 2.521 s |
| 39 | | <u>The user is presented with error message for invalid code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.644 s |
| 40 | | <u>The user is able to click and navigate to Practice Questions</u> | 3 | 3 | 0 | 0 | 1.483 s |

| # | Feature Name | Scenario Name | <i>T</i> | <i>P</i> | <i>F</i> | <i>S</i> | Duration |
|----|----------------------|------------------------------------------------|----------|----------|----------|----------|-----------------|
| 41 | <u>Array feature</u> | <u>The user is logged in to DS Algo portal</u> | 4 | 4 | 0 | 0 | 0.965 s |



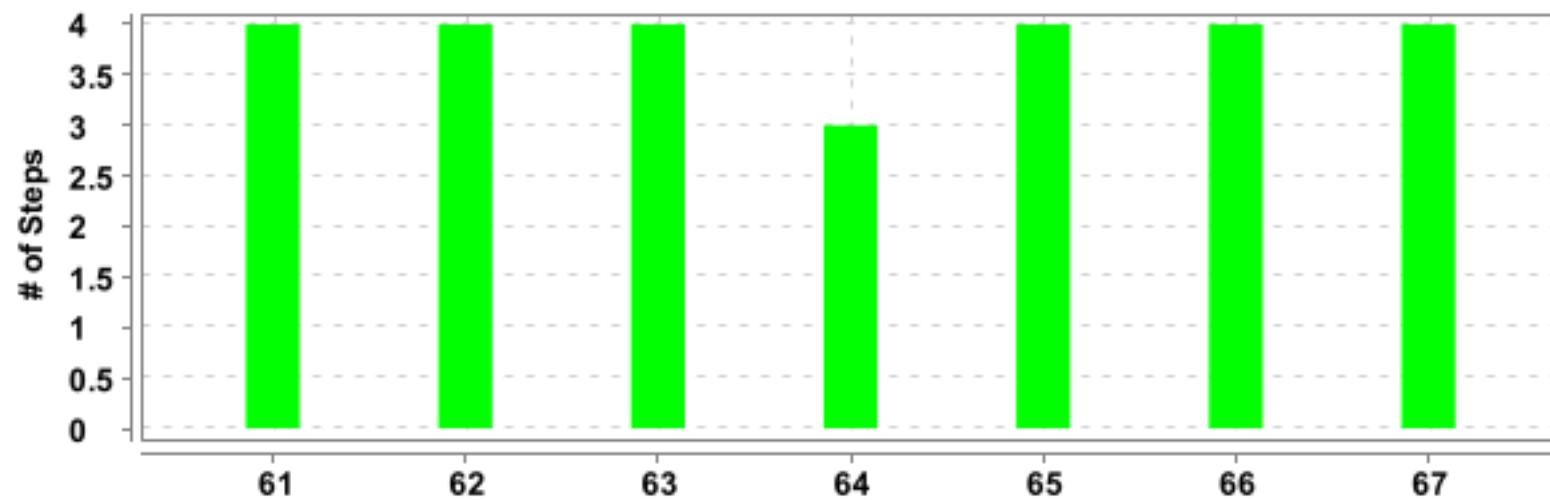
| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|----|----------------------|-------------------------------------------------------------------------------------------|---|---|---|---|----------|
| 42 | <u>Array feature</u> | <u>Navigating to Array page</u> | 3 | 3 | 0 | 0 | 0.930 s |
| 43 | | <u>Navigating Arrays in Python page</u> | 5 | 5 | 0 | 0 | 1.682 s |
| 44 | | <u>The user is able to run code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 1.523 s |
| 45 | | <u>The user is presented with error message for invalid code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 1.186 s |
| 46 | | <u>Navigating Arrays Using List page</u> | 5 | 5 | 0 | 0 | 2.263 s |
| 47 | | <u>The user is able to run code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 1.137 s |
| 48 | | <u>The user is presented with error message for invalid code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 1.147 s |
| 49 | | <u>Navigating Basic Operations in Lists page</u> | 5 | 5 | 0 | 0 | 1.836 s |
| 50 | | <u>The user is able to run code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.869 s |

| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|----|--------------|-----------------------------------------------------------------------------------------------------------|---|---|---|---|----------|
| 51 | | <u>The user is presented with error message for invalid code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.486 s |



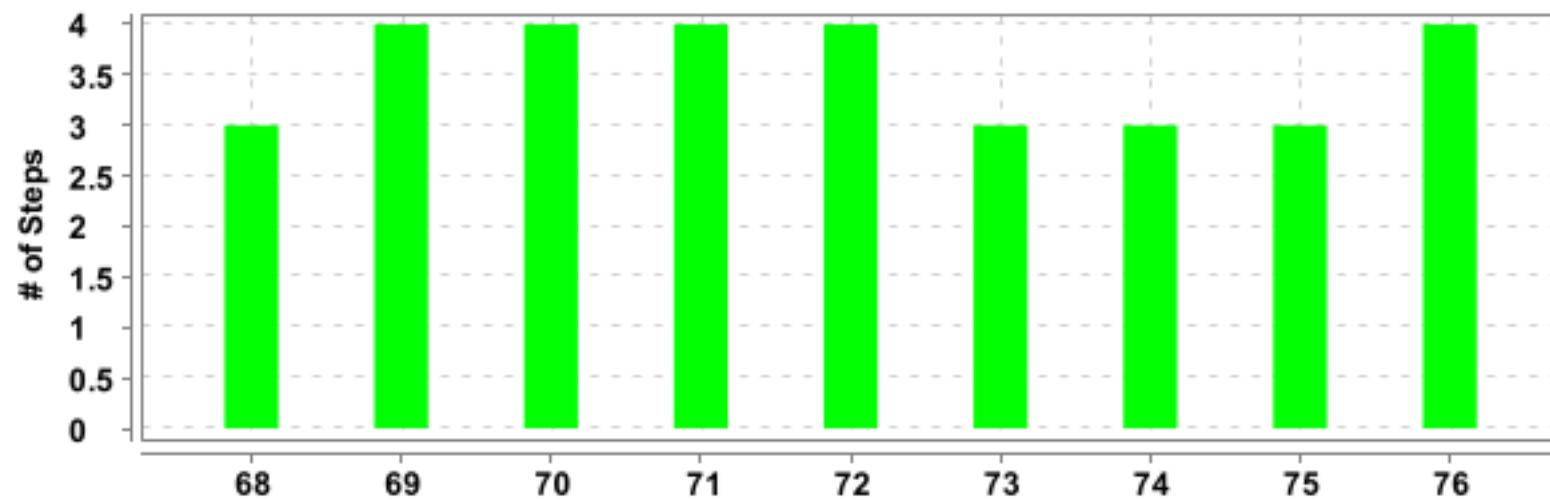
| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|----|----------------------|---------------------------------------------------------------------------------------------------------------------|---|---|---|---|----------|
| 52 | <u>Array feature</u> | <u>Navigating Applications of Array page</u> | 5 | 5 | 0 | 0 | 1.038 s |
| 53 | | <u>The user is able to run code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.870 s |
| 54 | | <u>The user is presented with error message for invalid code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.935 s |
| 55 | | <u>Navigating to Practice Questions page</u> | 5 | 5 | 0 | 0 | 2.037 s |
| 56 | | <u>The user is able to navigate to Question page from Search the array link</u> | 3 | 3 | 0 | 0 | 0.894 s |
| 57 | | <u>The user is able to run code in tryEditor for Search the array link</u> | 4 | 4 | 0 | 0 | 3.791 s |
| 58 | | <u>The user is able to submit code in tryEditor for Search the array link</u> | 4 | 4 | 0 | 0 | 4.390 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 | 0.804 s |

| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|----|---------------------|---------------------------------------------------------------------------------------|----------|----------|----------|----------|-----------------|
| 60 | | <u><i>The user is able to navigate to Question page from Max Consecutive Ones</i></u> | 3 | 3 | 0 | 0 | 0.614 s |



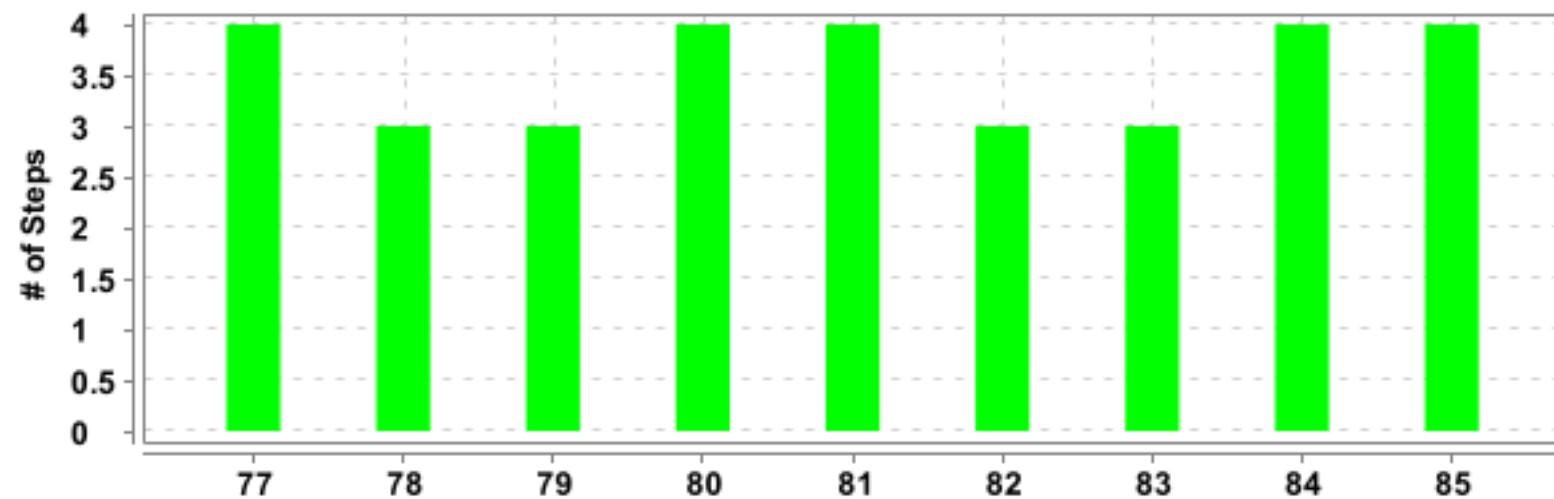
| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|----|----------------------|------------------------------------------------------------------------------------------------------------------------|---|---|---|---|----------|
| 61 | <u>Array feature</u> | <u>The user is able to run code in tryEditor for Max Consecutive Ones</u> | 4 | 4 | 0 | 0 | 7.169 s |
| 62 | | <u>The user is able to submit code in tryEditor for Max Consecutive Ones</u> | 4 | 4 | 0 | 0 | 8.680 s |
| 63 | | <u>The user is presented with error message for invalid code in tryEditor for Max Consecutive Ones</u> | 4 | 4 | 0 | 0 | 1.698 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 | 0.989 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 | 5.043 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 | 3.750 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 | 0.825 s |

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



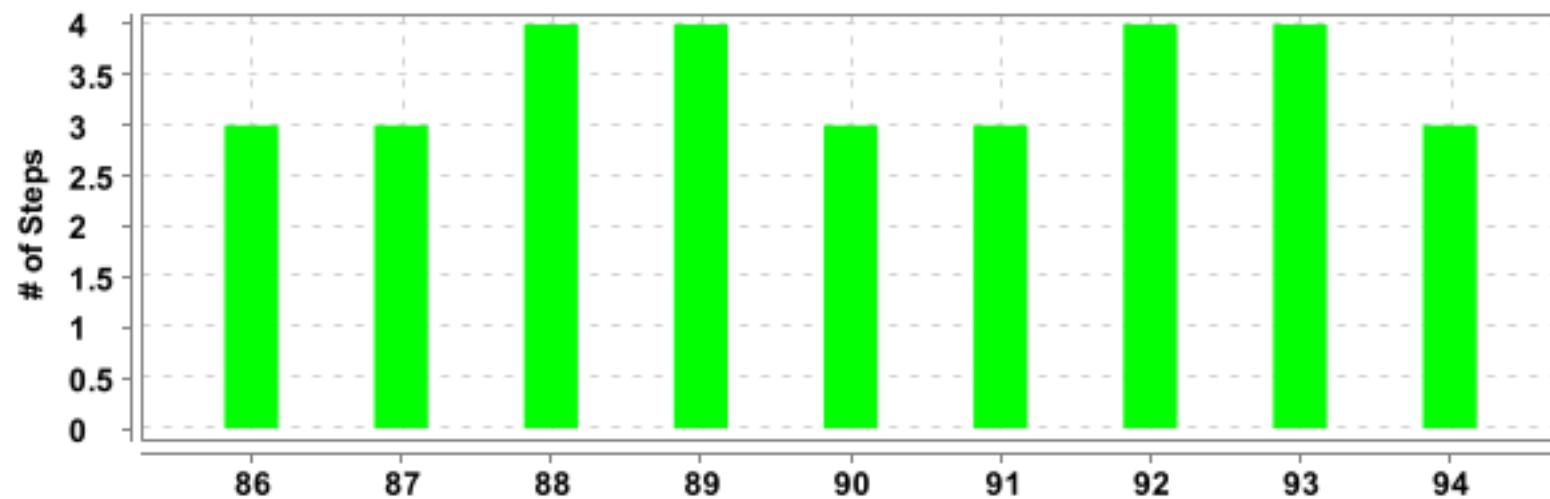
| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|----|--------------------------------|-------------------------------------------------------------------------------------------------------------------------|---|---|---|---|----------|
| 68 | <u>Array feature</u> | <u>The user is able to navigate to Question page from Squares of a Sorted Array</u> | 3 | 3 | 0 | 0 | 0.732 s |
| 69 | | <u>The user is able to run code in tryEditor for Squares of a Sorted Array</u> | 4 | 4 | 0 | 0 | 5.538 s |
| 70 | | <u>The user is able to submit code in tryEditor for Squares of a Sorted Array</u> | 4 | 4 | 0 | 0 | 4.493 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 | 1.290 s |
| 72 | <u>Testing LinkedList page</u> | <u>The user is logged in to DS Algo portal</u> | 4 | 4 | 0 | 0 | 2.817 s |
| 73 | | <u>User navigated to "linked list" page</u> | 3 | 3 | 0 | 0 | 0.095 s |
| 74 | | <u>User navigated to "Introduction" page</u> | 3 | 3 | 0 | 0 | 0.830 s |
| 75 | | <u>User navigated to tryEditor page with Run button from Introduction page</u> | 3 | 3 | 0 | 0 | 0.350 s |

| # | Feature Name | Scenario Name | <i>T</i> | <i>P</i> | <i>F</i> | <i>S</i> | Duration |
|----|---------------------|---------------------------------------------------------------------|----------|----------|----------|----------|-----------------|
| 76 | | <u><i>The user is able to run code in Editor for Graph page</i></u> | 4 | 4 | 0 | 0 | 1.411 s |

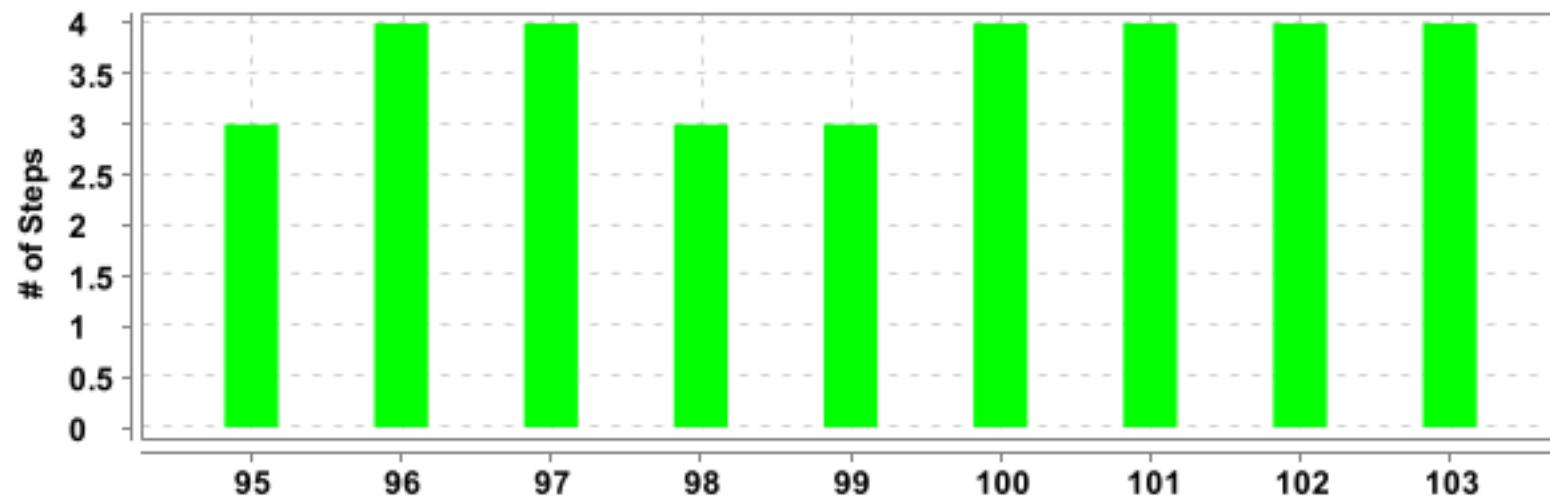


| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|----|-----------------------------------------|-----------------------------------------------------------------------------------------------------------|---|---|---|---|----------|
| 77 | Testing LinkedList page | <u>The user is presented with error message for invalid code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.815 s |
| 78 | | <u>User navigated to "creating linked list" page</u> | 3 | 3 | 0 | 0 | 0.571 s |
| 79 | | <u>User navigated to tryEditor page with Run button from Creating a Linked List page</u> | 3 | 3 | 0 | 0 | 1.133 s |
| 80 | | <u>The user is able to run code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 1.698 s |
| 81 | | <u>The user is presented with error message for invalid code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.669 s |
| 82 | | <u>User navigated to "Types of linked list" page</u> | 3 | 3 | 0 | 0 | 0.847 s |
| 83 | | <u>User navigated to tryEditor page with Run button from Types of Linked List</u> | 3 | 3 | 0 | 0 | 0.909 s |
| 84 | | <u>The user is able to run code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 1.914 s |

| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|----|--------------|-----------------------------------------------------------------------------------------------------------|---|---|---|---|----------|
| 85 | | <u>The user is presented with error message for invalid code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 1.241 s |

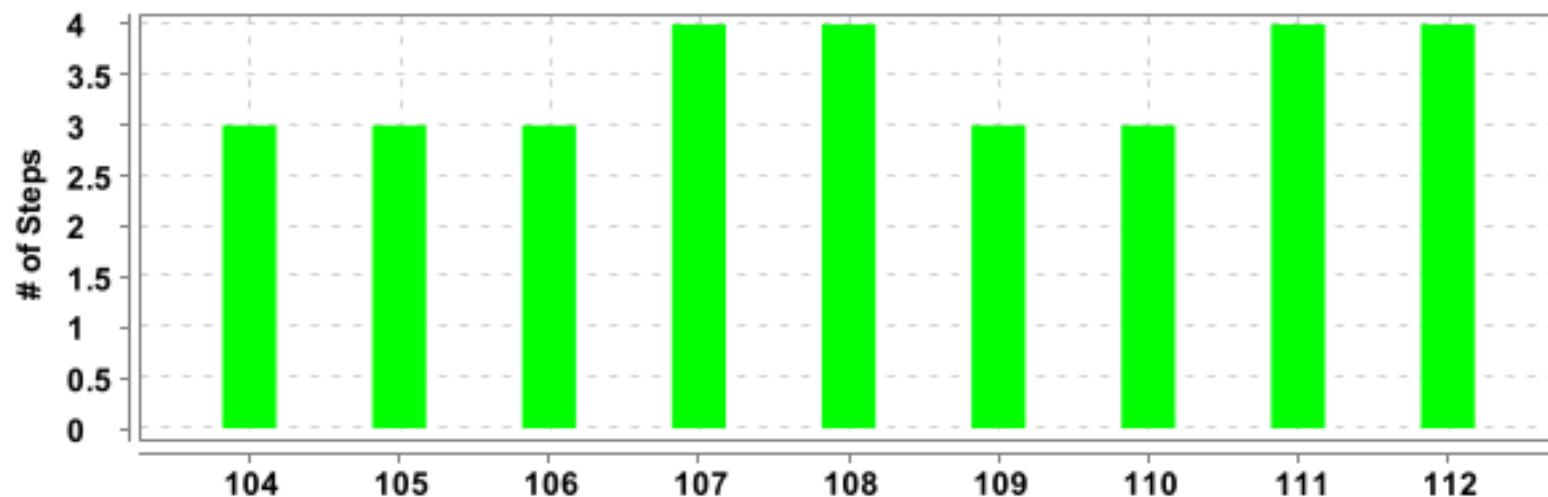


| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|----|-----------------------------------------|------------------------------------------------------------------------------------------------------------|---|---|---|---|----------|
| 86 | Testing LinkedList page | user navigated to "Implementation linked list in python" page | 3 | 3 | 0 | 0 | 1.442 s |
| 87 | | User navigated to tryEditor page with Run button from Implement Linked List in Python page | 3 | 3 | 0 | 0 | 0.621 s |
| 88 | | The user is able to run code in Editor for Graph page | 4 | 4 | 0 | 0 | 1.916 s |
| 89 | | The user is presented with error message for invalid code in Editor for Graph page | 4 | 4 | 0 | 0 | 0.727 s |
| 90 | | user navigated to "Traversal" page | 3 | 3 | 0 | 0 | 1.072 s |
| 91 | | User navigated to tryEditor page with Run button from Traversal page | 3 | 3 | 0 | 0 | 1.241 s |
| 92 | | The user is able to run code in Editor for Graph page | 4 | 4 | 0 | 0 | 2.028 s |
| 93 | | The user is presented with error message for invalid code in Editor for Graph page | 4 | 4 | 0 | 0 | 1.008 s |
| 94 | | user navigated to "Insertion" page | 3 | 3 | 0 | 0 | 1.104 s |



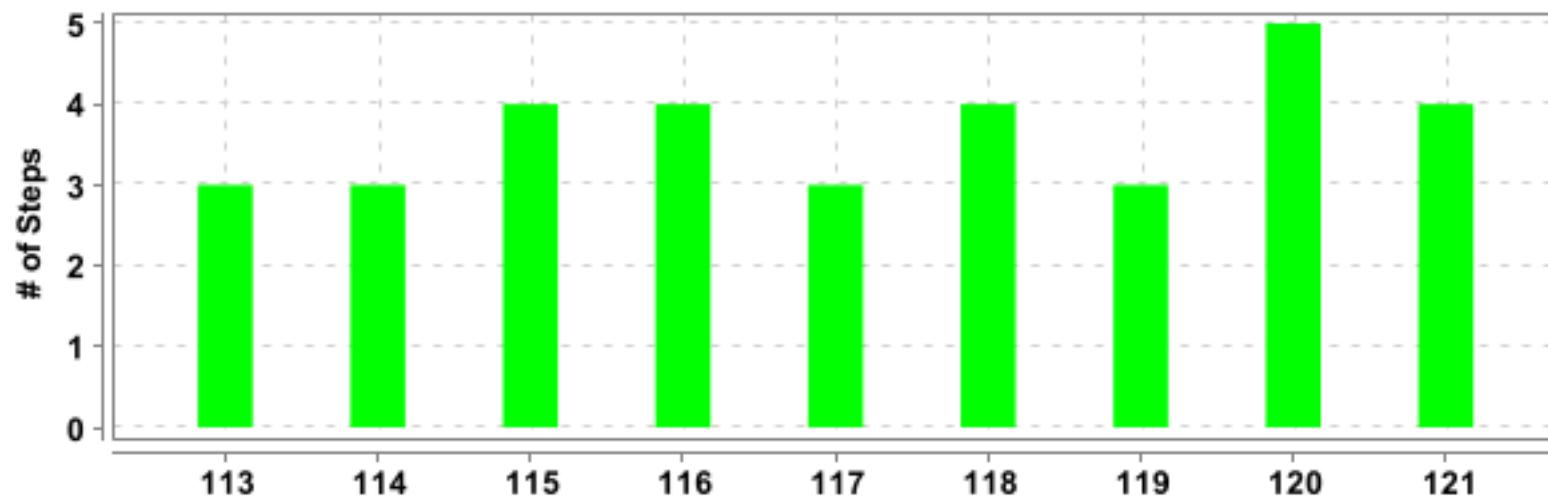
| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|------|--------------------------------|-------------------------------------------------------------------------------------------|---|---|---|---|----------|
| 95 | <u>Testing LinkedList page</u> | <u>User navigated to tryEditor page with Run button from Insertion page</u> | 3 | 3 | 0 | 0 | 1.209 s |
| 96 | | <u>The user is able to run code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 1.923 s |
| 97 | | <u>The user is presented with error message for invalid code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 1.109 s |
| 98 | | <u>user navigated to "Deletion" page</u> | 3 | 3 | 0 | 0 | 1.106 s |
| 99 | | <u>User navigated to tryEditor page with Run button from Deletion page</u> | 3 | 3 | 0 | 0 | 0.454 s |
| 10-0 | | <u>The user is able to run code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.646 s |
| 10-1 | | <u>The user is presented with error message for invalid code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 1.147 s |
| 10-2 | | <u>The user validating "Practice Questions" page</u> | 4 | 4 | 0 | 0 | 1.620 s |

| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|------|---------------------------------------------------------------|------------------------------------------------|----------|----------|----------|----------|-----------------|
| 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 | 1.573 s |



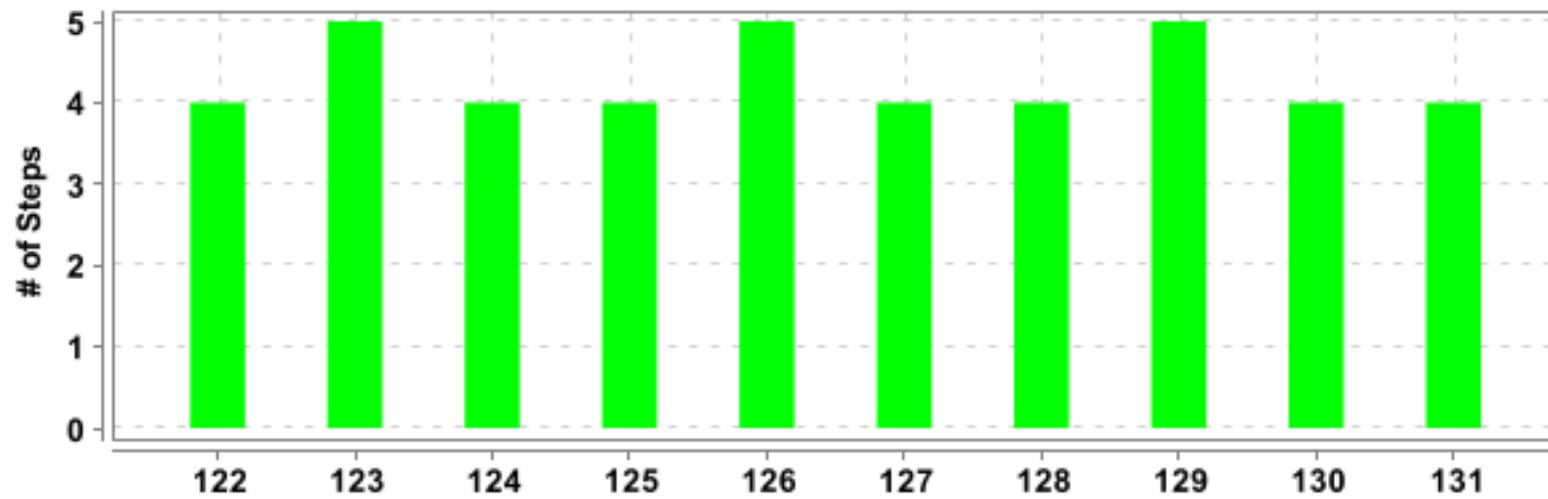
| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|------|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---|---|---|---|----------|
| 10-4 | <u>Stack: Luanch the DS-Algo portal and test Stack module</u> | <u>The user is directed to "Stack" Page</u> | 3 | 3 | 0 | 0 | 0.794 s |
| 10-5 | | <u>The user is able to navigate to "Operations in Stack" page</u> | 3 | 3 | 0 | 0 | 0.760 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 | 0.964 s |
| 10-7 | | <u>The user is able to run code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 1.544 s |
| 10-8 | | <u>The user is presented with error message for invalid code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 1.178 s |
| 10-9 | | <u>The user is able to navigate to "Implementation" Page</u> | 3 | 3 | 0 | 0 | 0.899 s |
| 11-0 | | <u>The user is able to navigate to Implementation page having an tryEditor</u> | 3 | 3 | 0 | 0 | 0.379 s |
| 11-1 | | <u>The user is able to run code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.804 s |

| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|------|---------------------|--------------------------------------------------------------------------------------------------|----------|----------|----------|----------|-----------------|
| 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 | 1.166 s |



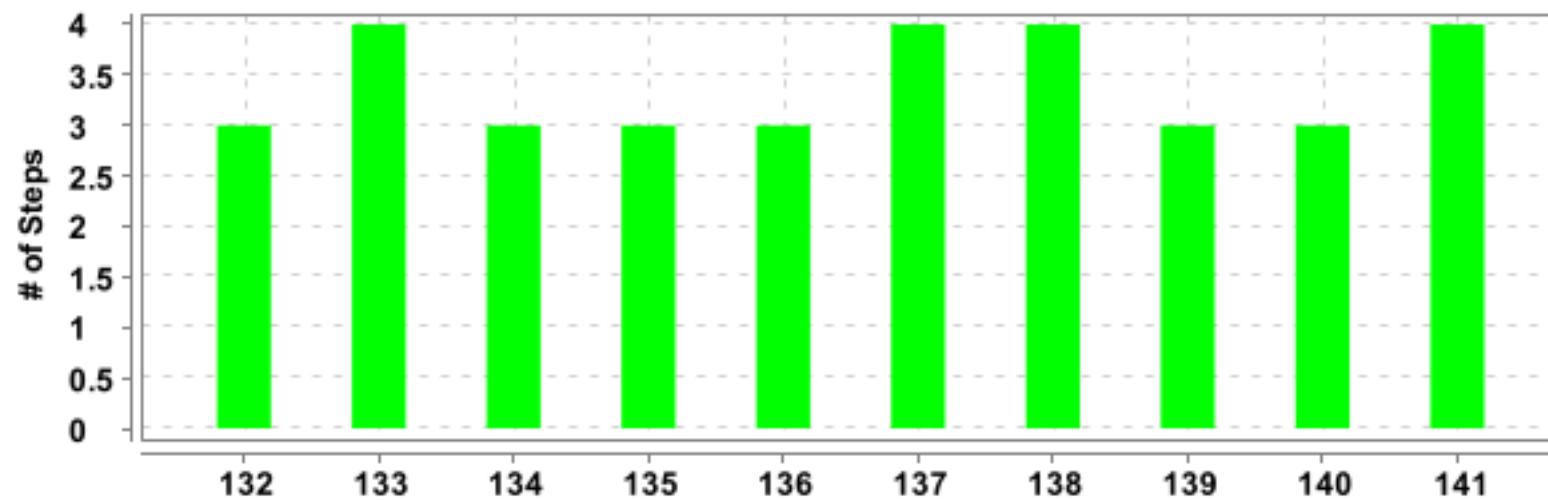
| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|------|---------------------------------------------------------------|-------------------------------------------------------------------------------------------|---|---|---|---|----------|
| 11-3 | <u>Stack: Luanch the DS-Algo portal and test Stack module</u> | <u>The user is able to navigate to "Applications" in stack Page</u> | 3 | 3 | 0 | 0 | 0.761 s |
| 11-4 | | <u>The user is able to navigate to Applications page having an tryEditor</u> | 3 | 3 | 0 | 0 | 0.849 s |
| 11-5 | | <u>The user is able to run code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 1.420 s |
| 11-6 | | <u>The user is presented with error message for invalid code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.784 s |
| 11-7 | | <u>The user is able to navigate to "Practice Questions" in stack Page</u> | 3 | 3 | 0 | 0 | 1.287 s |
| 11-8 | <u>Queue feature</u> | <u>The user is logged in to DS Algo portal</u> | 4 | 4 | 0 | 0 | 1.432 s |
| 11-9 | | <u>Navigating to Queue page</u> | 3 | 3 | 0 | 0 | 0.851 s |
| 12-0 | | <u>Navigating Implementation of Queue in Python page</u> | 5 | 5 | 0 | 0 | 1.771 s |

| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|------|---------------------|------------------------------------------------------------------------------|----------|----------|----------|----------|-----------------|
| 12-1 | | <u>The user is able to run code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.810 s |



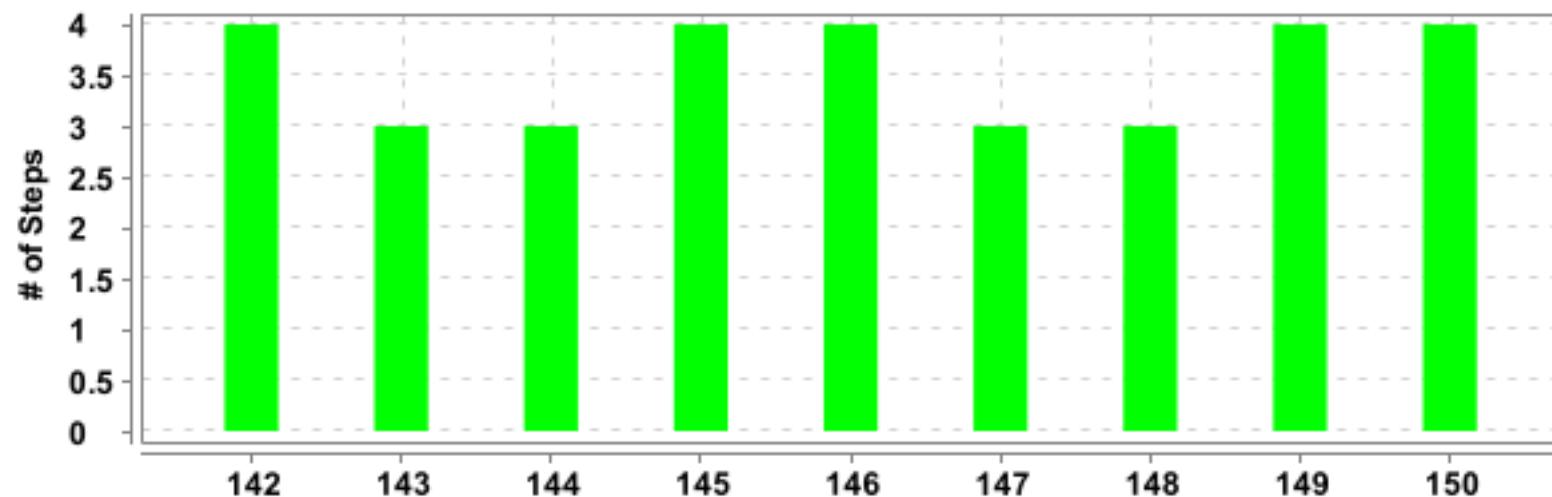
| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|------|----------------------|-------------------------------------------------------------------------------------------|---|---|---|---|----------|
| 12-2 | <u>Queue feature</u> | <u>The user is presented with error message for invalid code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.884 s |
| 12-3 | | <u>Navigating Implementation using collections.dequeue page</u> | 5 | 5 | 0 | 0 | 1.966 s |
| 12-4 | | <u>The user is able to run code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.807 s |
| 12-5 | | <u>The user is presented with error message for invalid code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.887 s |
| 12-6 | | <u>Navigating Implementation using array page</u> | 5 | 5 | 0 | 0 | 2.157 s |
| 12-7 | | <u>The user is able to run code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 2.153 s |
| 12-8 | | <u>The user is presented with error message for invalid code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.718 s |
| 12-9 | | <u>Navigating Queue Operations page</u> | 5 | 5 | 0 | 0 | 1.615 s |

| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|------|---------------------|--------------------------------------------------------------------------------------------------|----------|----------|----------|----------|-----------------|
| 13-0 | | <u><i>The user is able to run code in Editor for Graph page</i></u> | 4 | 4 | 0 | 0 | 2.059 s |
| 13-1 | | <u><i>The user is presented with error message for invalid code in Editor for Graph page</i></u> | 4 | 4 | 0 | 0 | 1.115 s |



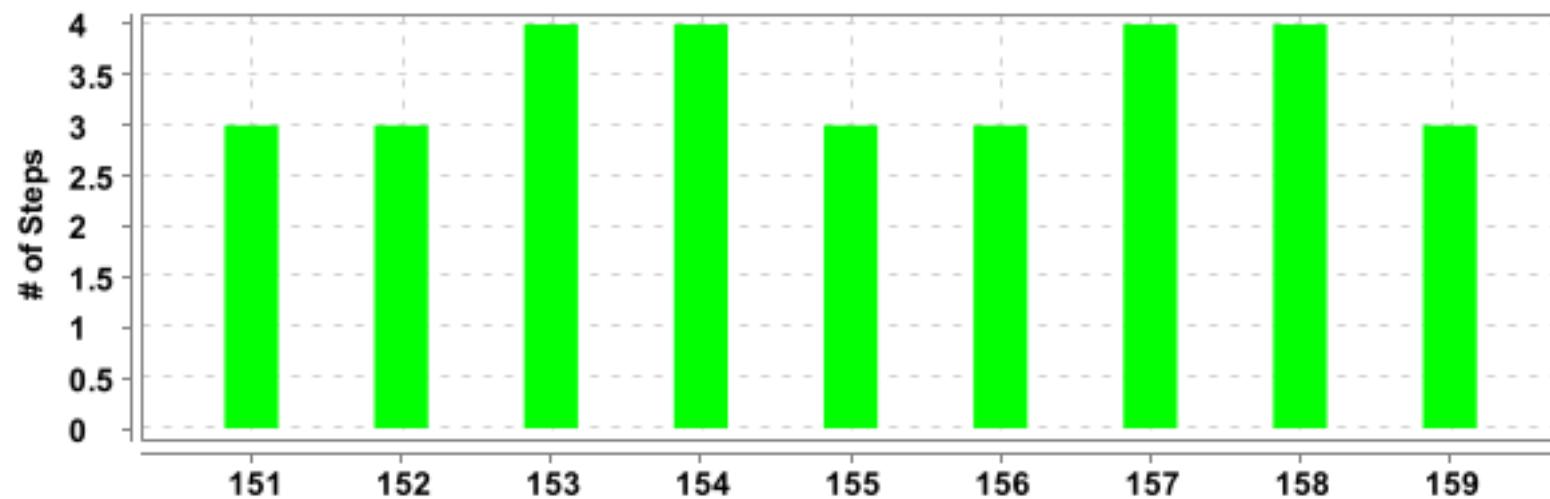
| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|------|------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---|---|---|---|----------|
| 13-2 | <u>Queue feature</u> | <u>The user is able to click and navigate to Practice Questions</u> | 3 | 3 | 0 | 0 | 1.309 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 | 2.394 s |
| 13-4 | | <u>The user is directed to "Tree" Page</u> | 3 | 3 | 0 | 0 | 1.399 s |
| 13-5 | | <u>The user is able to navigate to "Overview of Trees" page</u> | 3 | 3 | 0 | 0 | 0.748 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 | 0.385 s |
| 13-7 | | <u>The user is able to run code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.651 s |
| 13-8 | | <u>The user is presented with error message for invalid code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.904 s |
| 13-9 | | <u>The user is able to navigate to "Terminologies" Page</u> | 3 | 3 | 0 | 0 | 0.992 s |

| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|------|---------------------|-------------------------------------------------------------------------------|----------|----------|----------|----------|-----------------|
| 14-0 | | <u>The user is able to navigate to Terminologies page having an tryEditor</u> | 3 | 3 | 0 | 0 | 0.635 s |
| 14-1 | | <u>The user is able to run code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 1.085 s |



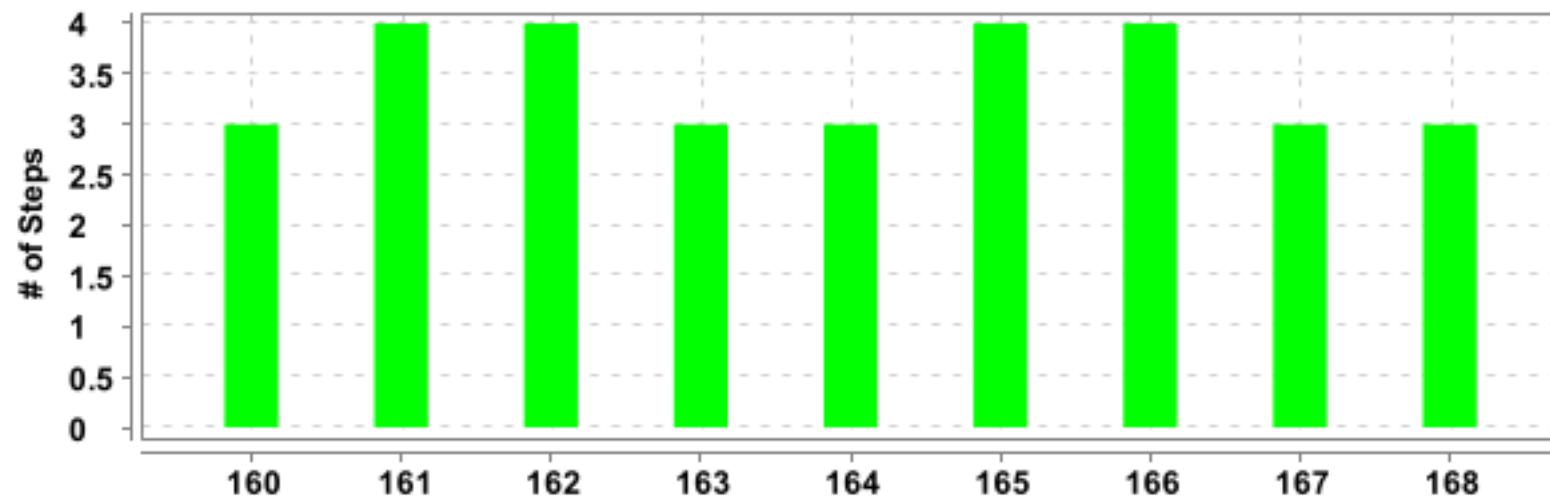
| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|------|------------------------------------------------------------|---------------------------------------------------------------------------------------------|---|---|---|---|----------|
| 14-2 | <u>User tests the Tree page on the Ds algo application</u> | <u>The user is presented with error message for invalid code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.497 s |
| 14-3 | | <u>The user is able to navigate to "Types of Trees" Page</u> | 3 | 3 | 0 | 0 | 0.468 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 | 0.483 s |
| 14-5 | | <u>The user is able to run code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 1.180 s |
| 14-6 | | <u>The user is presented with error message for invalid code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.564 s |
| 14-7 | | <u>The user is able to navigate to "Tree Traversals" Page</u> | 3 | 3 | 0 | 0 | 0.771 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 | 0.554 s |
| 14-9 | | <u>The user is able to run code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.869 s |

| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|------|---------------------|--------------------------------------------------------------------------------------------------|----------|----------|----------|----------|-----------------|
| 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 | 0.622 s |



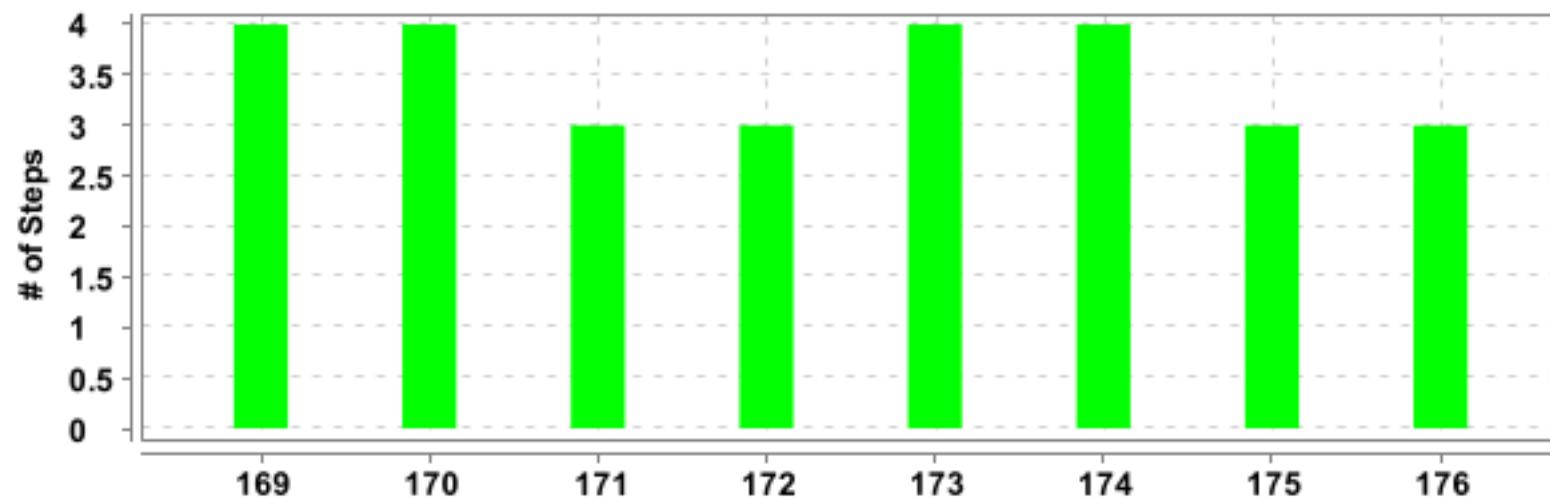
| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|------|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---|---|---|---|----------|
| 15-1 | <u>User tests the Tree page on the Ds algo application</u> | <u>The user is able to navigate to "Traversals illustration" Page</u> | 3 | 3 | 0 | 0 | 0.654 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 | 0.441 s |
| 15-3 | | <u>The user is able to run code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 1.195 s |
| 15-4 | | <u>The user is presented with error message for invalid code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.627 s |
| 15-5 | | <u>The user is able to navigate to "Binary trees" Page</u> | 3 | 3 | 0 | 0 | 0.848 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 | 0.917 s |
| 15-7 | | <u>The user is able to run code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 1.332 s |

| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|------|---------------------|--------------------------------------------------------------------------------------------------|----------|----------|----------|----------|-----------------|
| 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 | 0.934 s |
| 15-9 | | <u><i>The user is able to navigate to "Types of Binary trees" Page</i></u> | 3 | 3 | 0 | 0 | 1.031 s |



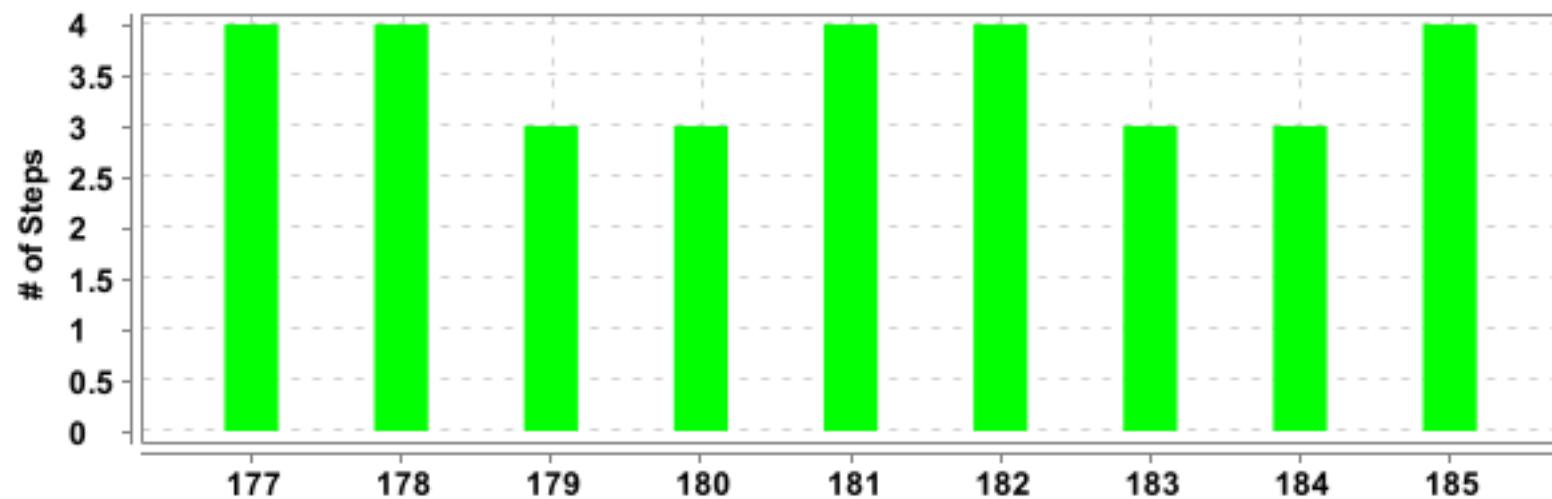
| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|------|------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---|---|---|---|----------|
| 16-0 | <u>User tests the Tree page 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 | 0.764 s |
| 16-1 | | <u>The user is able to run code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 1.459 s |
| 16-2 | | <u>The user is presented with error message for invalid code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.663 s |
| 16-3 | | <u>The user is able to navigate to Implementation in Python Page</u> | 3 | 3 | 0 | 0 | 0.844 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 | 0.746 s |
| 16-5 | | <u>The user is able to run code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.612 s |
| 16-6 | | <u>The user is presented with error message for invalid code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.635 s |

| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|------|---------------------|-----------------------------------------------------------------------------------------------------------|----------|----------|----------|----------|-----------------|
| 16-7 | | <u><i>The user is able to navigate to binary tree traversals Page</i></u> | 3 | 3 | 0 | 0 | 1.304 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 | 0.558 s |



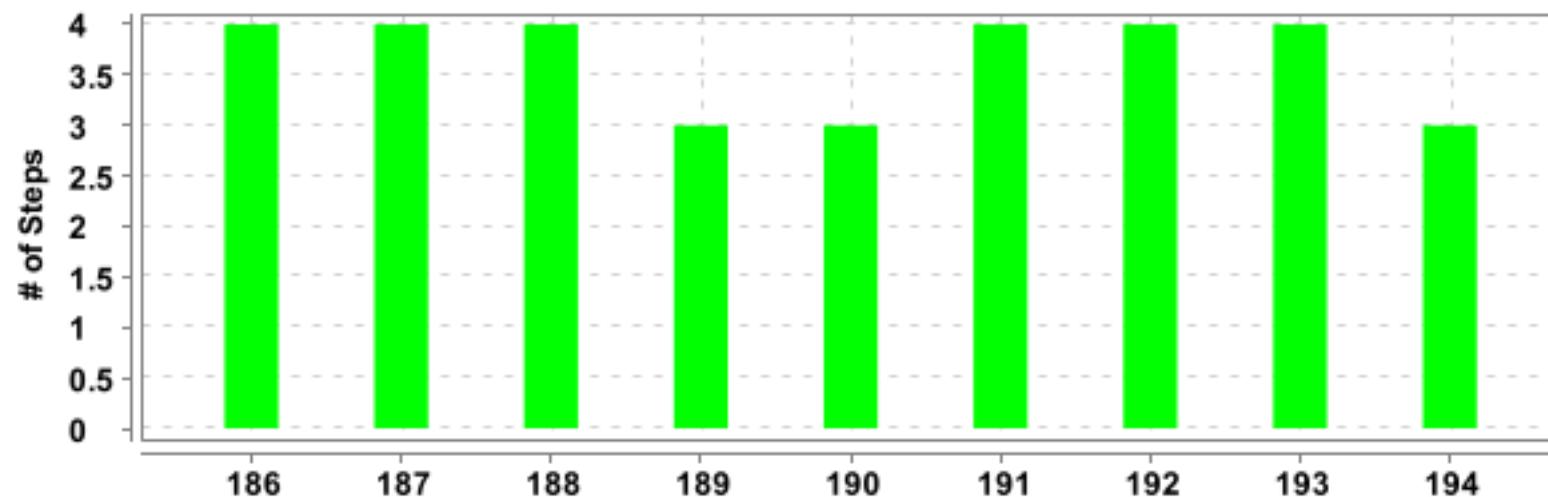
| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|------|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|---|---|---|---|----------|
| 16-9 | <u>User tests the Tree 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 | 0.978 s |
| 17-0 | | <u>The user is presented with error message for invalid code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 1.369 s |
| 17-1 | | <u>The user is able to navigate to Implementation of Binary Trees Page</u> | 3 | 3 | 0 | 0 | 0.836 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 | 0.938 s |
| 17-3 | | <u>The user is able to run code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.714 s |
| 17-4 | | <u>The user is presented with error message for invalid code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.771 s |
| 17-5 | | <u>The user is able to navigate to Applications of Binary Trees Page</u> | 3 | 3 | 0 | 0 | 1.055 s |

| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|------|---------------------|--------------------------------------------------------------------------------------------------------------------------|----------|----------|----------|----------|-----------------|
| 17-6 | | <u>The user is able to navigate to a page having an tryEditor from Applications of Binary trees Page</u> | 3 | 3 | 0 | 0 | 0.737 s |



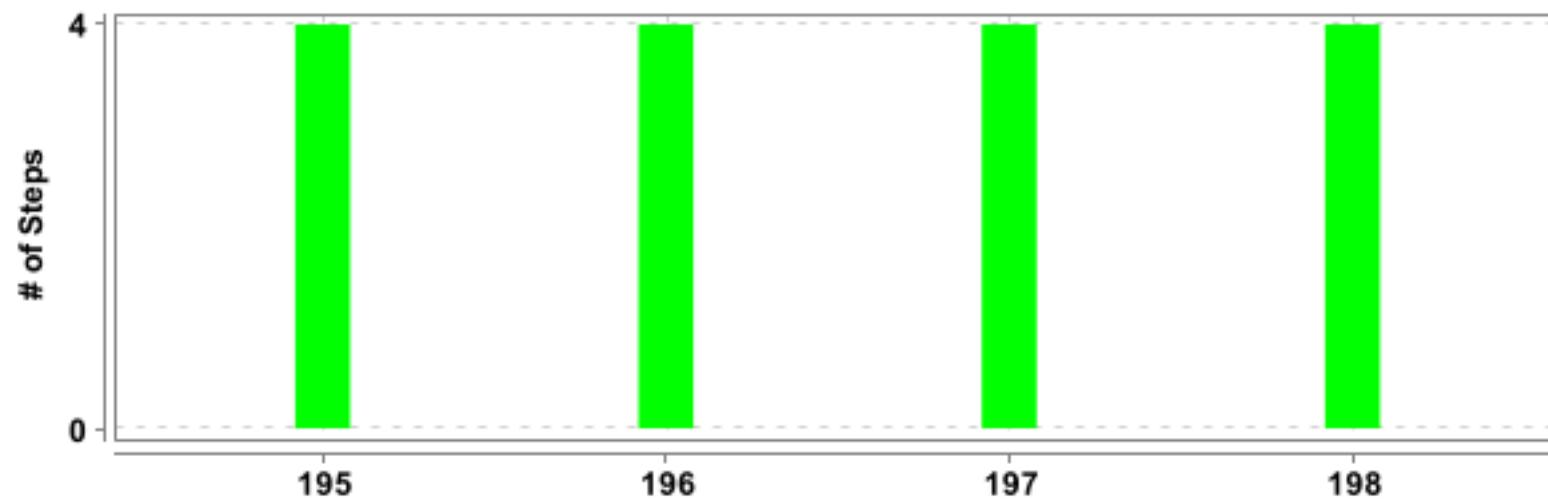
| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|------|------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---|---|---|---|----------|
| 17-7 | <u>User tests the Tree page on the Ds algo application</u> | <u>The user is able to run code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 1.067 s |
| 17-8 | | <u>The user is presented with error message for invalid code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.563 s |
| 17-9 | | <u>The user is able to navigate to "Binary Search Trees" Page</u> | 3 | 3 | 0 | 0 | 0.818 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 | 0.533 s |
| 18-1 | | <u>The user is able to run code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 1.438 s |
| 18-2 | | <u>The user is presented with error message for invalid code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.536 s |
| 18-3 | | <u>The user is able to navigate to "Implementation of BST" Page</u> | 3 | 3 | 0 | 0 | 0.679 s |

| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|------|---------------------|----------------------------------------------------------------------------------------------------------|----------|----------|----------|----------|-----------------|
| 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 | 0.398 s |
| 18-5 | | <u><i>The user is able to run code in Editor for Graph page</i></u> | 4 | 4 | 0 | 0 | 0.744 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 | 0.635 s |
| 18-7 | | <u>The user validating "Practice Questions" page</u> | 4 | 4 | 0 | 0 | 0.940 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 | 0.968 s |
| 18-9 | | <u>The user is able to navigate to Graph home page</u> | 3 | 3 | 0 | 0 | 0.462 s |
| 19-0 | | <u>The user is able to navigate to Graph Graph page</u> | 3 | 3 | 0 | 0 | 1.421 s |
| 19-1 | | <u>The user should be redirected to tryeditor page with run button to test python code</u> | 4 | 4 | 0 | 0 | 1.811 s |
| 19-2 | | <u>The user is able to run code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.757 s |
| 19-3 | | <u>The user is presented with error message for invalid code in Editor for Graph page</u> | 4 | 4 | 0 | 0 | 0.618 s |

| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|------|---------------------|-------------------------------------------------------------------------------------------|----------|----------|----------|----------|-----------------|
| 19-4 | | <u>The user is able to navigate to graph page and click on Graph Representations link</u> | 3 | 3 | 0 | 0 | 1.572 s |

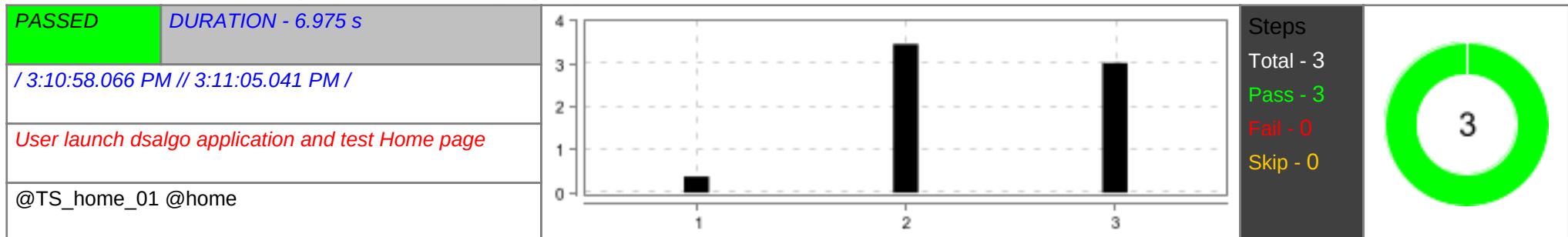


| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|------|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|----------|----------|----------|----------|-----------------|
| 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 | 1.888 s |
| 19-6 | | <u>The user is able to run code in Editor for Graph Representations page</u> | 4 | 4 | 0 | 0 | 0.697 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 | 0.673 s |
| 19-8 | | <u>The user is able to navigate to graph url and click on Practice Questions</u> | 4 | 4 | 0 | 0 | 2.763 s |

User launch dsalgo application and test Home page

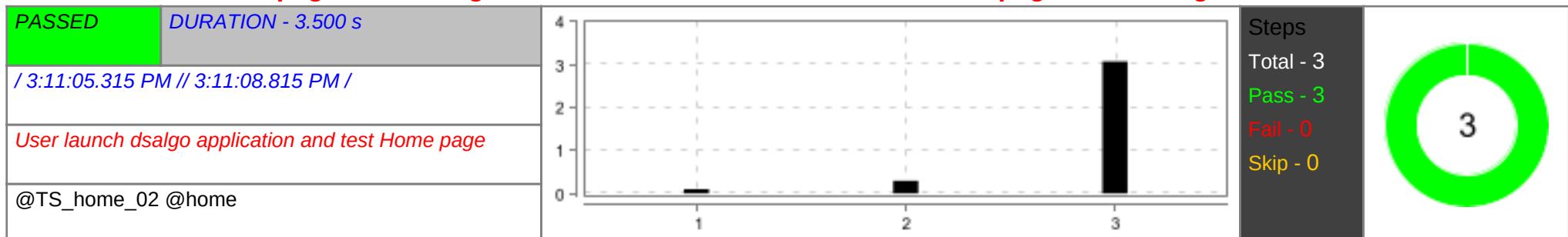


User launch home page of an dsalgo project



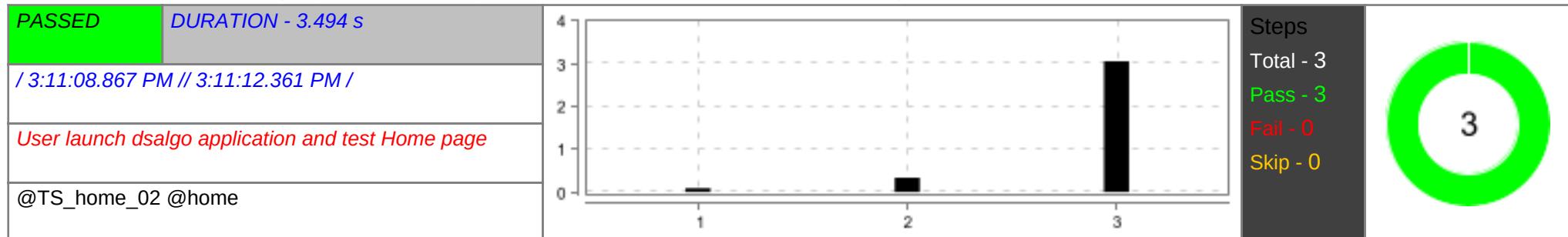
| # | Step / Hook Details | Status | Duration |
|---|------------------------------------------------|--------|----------|
| 1 | Given The user opens DS Algo portal link | PASSED | 0.373 s |
| 2 | When The user clicks the "Get Started" button | PASSED | 3.461 s |
| 3 | Then The user should be redirected to homepage | PASSED | 3.020 s |

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



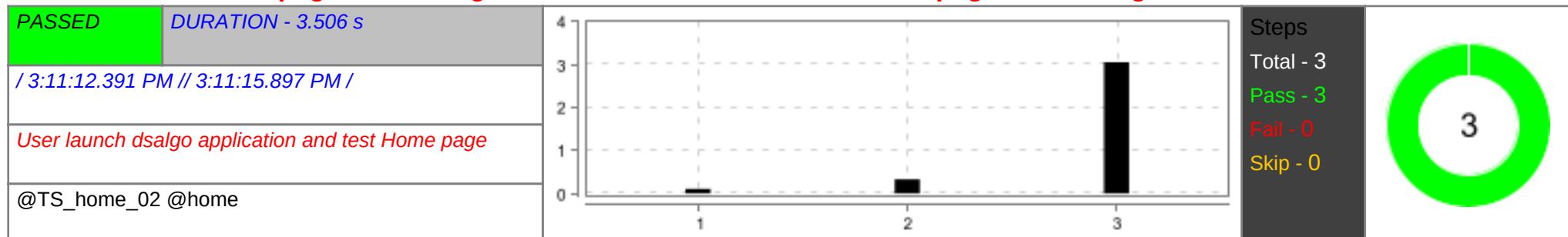
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on Home page | PASSED | 0.102 s |
| 2 | When The user clicks on Get Started link on homepage "Datastructures" without login | PASSED | 0.296 s |
| 3 | Then The user get warning message "You are not logged in" | PASSED | 3.071 s |

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



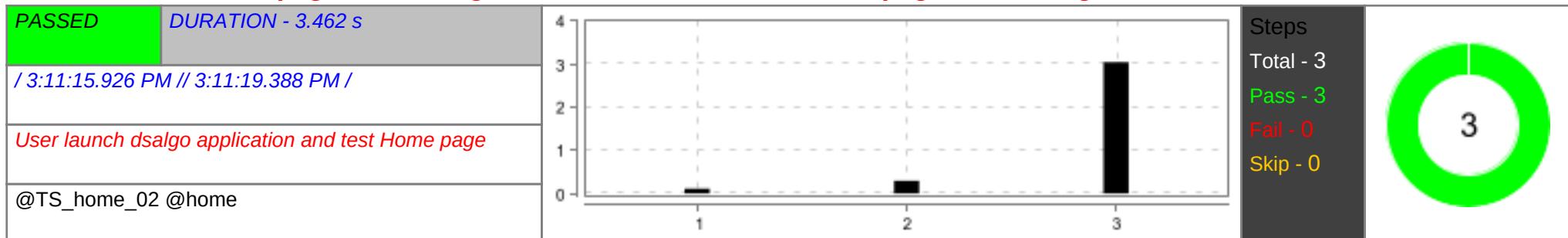
| # | Step / Hook Details | Status | Duration |
|---|-----------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on Home page | PASSED | 0.091 s |
| 2 | When The user clicks on Get Started link on homepage "Arrays" without login | PASSED | 0.333 s |
| 3 | Then The user get warning message "You are not logged in" | PASSED | 3.055 s |

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



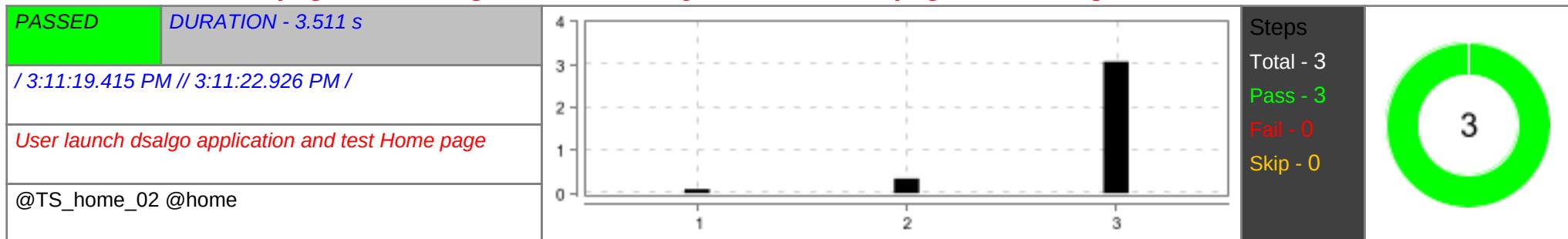
| # | Step / Hook Details | Status | Duration |
|---|---------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on Home page | PASSED | 0.107 s |
| 2 | When The user clicks on Get Started link on homepage "Linkedlist" without login | PASSED | 0.327 s |
| 3 | Then The user get warning message "You are not logged in" | PASSED | 3.057 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 | 0.110 s |
| 2 | When The user clicks on Get Started link on homepage "Stack" without login | PASSED | 0.294 s |
| 3 | Then The user get warning message "You are not logged in" | PASSED | 3.042 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 | 0.095 s |
| 2 | When The user clicks on Get Started link on homepage "Queue" without login | PASSED | 0.338 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 "Tree" on home page without sign in

| | | | | |
|---------------------------------------------------|--------------------|--|--------------------------------------------------------|--|
| PASSED | DURATION - 3.458 s | | Steps Total - 3 Pass - 3 Fail - 0 Skip - 0 | |
| / 3:11:22.942 PM // 3:11:26.400 PM / | | | | |
| User launch dsalgo application and test Home page | | | | |
| @TS_home_02 @home | | | | |

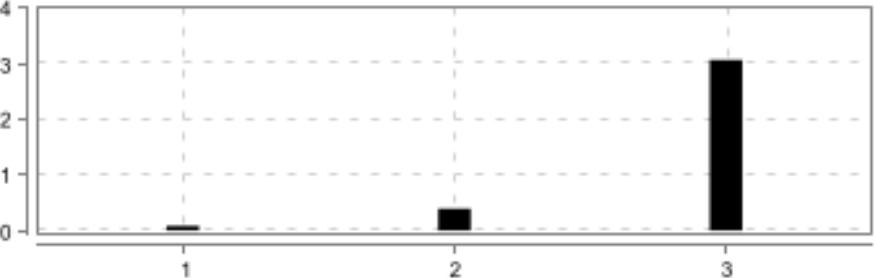
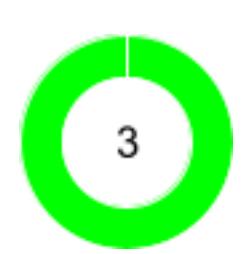
| # | Step / Hook Details | Status | Duration |
|---|---------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on Home page | PASSED | 0.080 s |
| 2 | When The user clicks on Get Started link on homepage "Tree" without login | PASSED | 0.307 s |
| 3 | Then The user get warning message "You are not logged in" | PASSED | 3.062 s |

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

| | | | | |
|---------------------------------------------------|--------------------|--|--------------------------------------------------------|--|
| PASSED | DURATION - 3.485 s | | Steps Total - 3 Pass - 3 Fail - 0 Skip - 0 | |
| / 3:11:26.417 PM // 3:11:29.902 PM / | | | | |
| User launch dsalgo application and test Home page | | | | |
| @TS_home_02 @home | | | | |

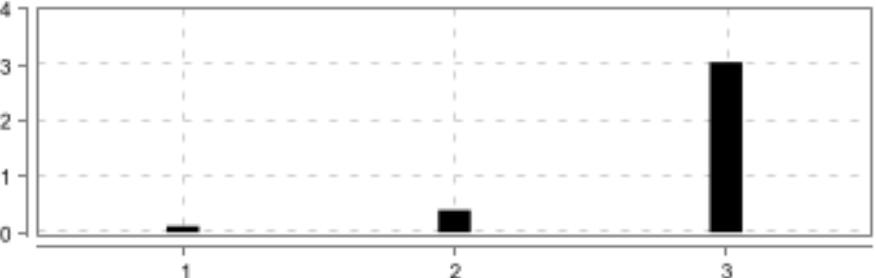
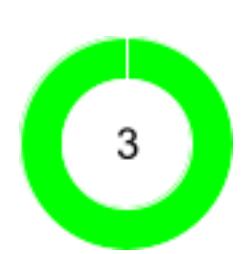
| # | Step / Hook Details | Status | Duration |
|---|----------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on Home page | PASSED | 0.096 s |
| 2 | When The user clicks on Get Started link on homepage "Graph" without login | PASSED | 0.311 s |
| 3 | Then The user get warning message "You are not logged in" | PASSED | 3.064 s |

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

| | | | | |
|---------------------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 3.550 s |  | Steps Total - 3 Pass - 3 Fail - 0 Skip - 0 |  |
| / 3:11:29.922 PM // 3:11:33.472 PM / | | | | |
| User launch dsalgo application and test Home page | | | | |
| @TS_home_03 @home | | | | |

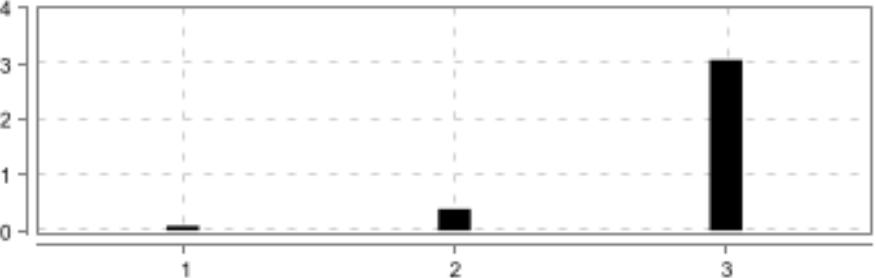
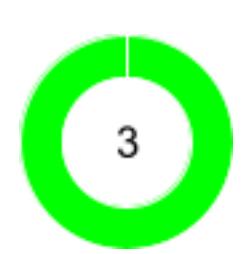
| # | Step / Hook Details | Status | Duration |
|---|-----------------------------------------------------------|--------|----------|
| 1 | Given The user is on Home page | PASSED | 0.082 s |
| 2 | When The user clicks on dropdown "Arrays" | PASSED | 0.391 s |
| 3 | Then The user get warning message "You are not logged in" | PASSED | 3.069 s |

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

| | | | | |
|---------------------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 3.574 s |  | Steps Total - 3 Pass - 3 Fail - 0 Skip - 0 |  |
| / 3:11:33.489 PM // 3:11:37.063 PM / | | | | |
| User launch dsalgo application and test Home page | | | | |
| @TS_home_03 @home | | | | |

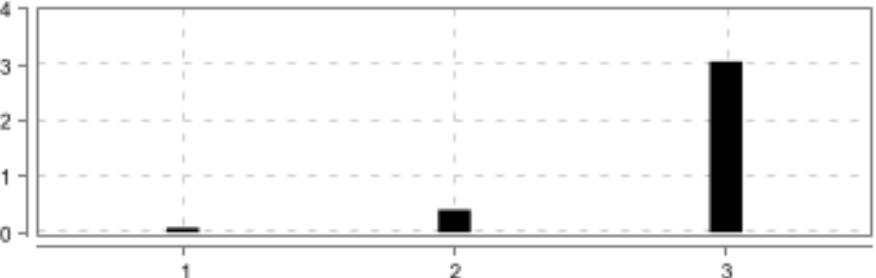
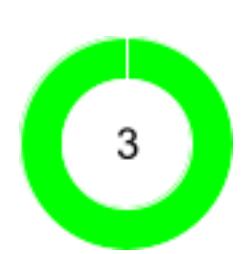
| # | Step / Hook Details | Status | Duration |
|---|-----------------------------------------------------------|--------|----------|
| 1 | Given The user is on Home page | PASSED | 0.114 s |
| 2 | When The user clicks on dropdown "Linkedlist" | PASSED | 0.400 s |
| 3 | Then The user get warning message "You are not logged in" | PASSED | 3.047 s |

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

| | | | | |
|---------------------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 3.544 s |  | Steps Total - 3 Pass - 3 Fail - 0 Skip - 0 |  |
| / 3:11:37.082 PM // 3:11:40.626 PM / | | | | |
| User launch dsalgo application and test Home page | | | | |
| @TS_home_03 @home | | | | |

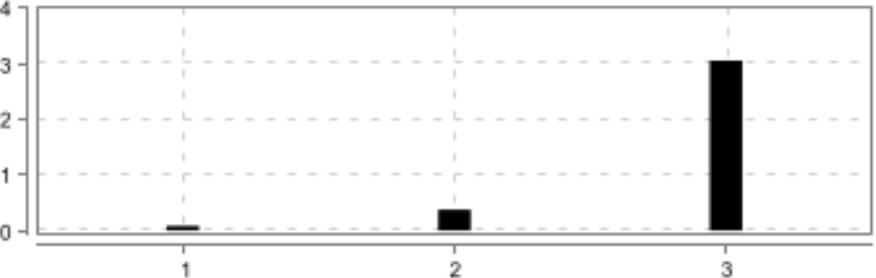
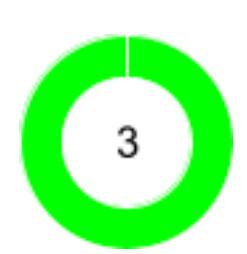
| # | Step / Hook Details | Status | Duration |
|---|-----------------------------------------------------------|--------|----------|
| 1 | Given The user is on Home page | PASSED | 0.083 s |
| 2 | When The user clicks on dropdown "Stack" | PASSED | 0.388 s |
| 3 | Then The user get warning message "You are not logged in" | PASSED | 3.065 s |

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

| | | | | |
|---------------------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 3.561 s |  | Steps Total - 3 Pass - 3 Fail - 0 Skip - 0 |  |
| / 3:11:40.642 PM // 3:11:44.203 PM / | | | | |
| User launch dsalgo application and test Home page | | | | |
| @TS_home_03 @home | | | | |

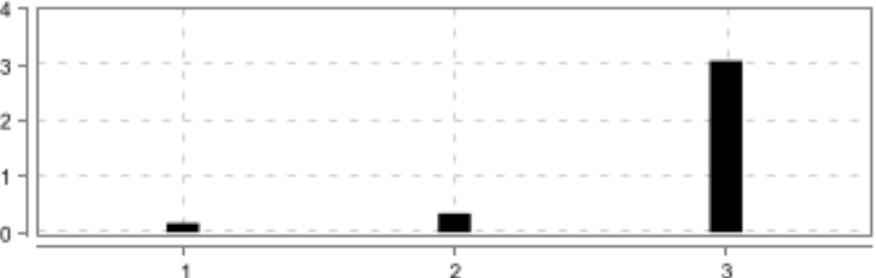
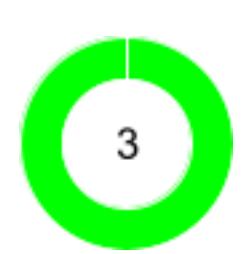
| # | Step / Hook Details | Status | Duration |
|---|-----------------------------------------------------------|--------|----------|
| 1 | Given The user is on Home page | PASSED | 0.083 s |
| 2 | When The user clicks on dropdown "Queue" | PASSED | 0.405 s |
| 3 | Then The user get warning message "You are not logged in" | PASSED | 3.063 s |

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

| | | | | |
|---------------------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 3.519 s |  | Steps Total - 3 Pass - 3 Fail - 0 Skip - 0 |  |
| / 3:11:44.217 PM // 3:11:47.736 PM / | | | | |
| User launch dsalgo application and test Home page | | | | |
| @TS_home_03 @home | | | | |

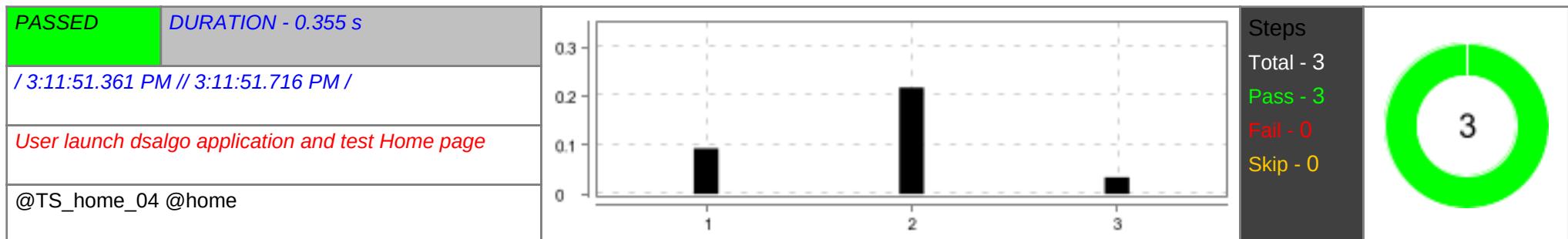
| # | Step / Hook Details | Status | Duration |
|---|-----------------------------------------------------------|--------|----------|
| 1 | Given The user is on Home page | PASSED | 0.081 s |
| 2 | When The user clicks on dropdown "Tree" | PASSED | 0.375 s |
| 3 | Then The user get warning message "You are not logged in" | PASSED | 3.055 s |

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

| | | | | |
|---------------------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 3.589 s |  | Steps Total - 3 Pass - 3 Fail - 0 Skip - 0 |  |
| / 3:11:47.757 PM // 3:11:51.346 PM / | | | | |
| User launch dsalgo application and test Home page | | | | |
| @TS_home_03 @home | | | | |

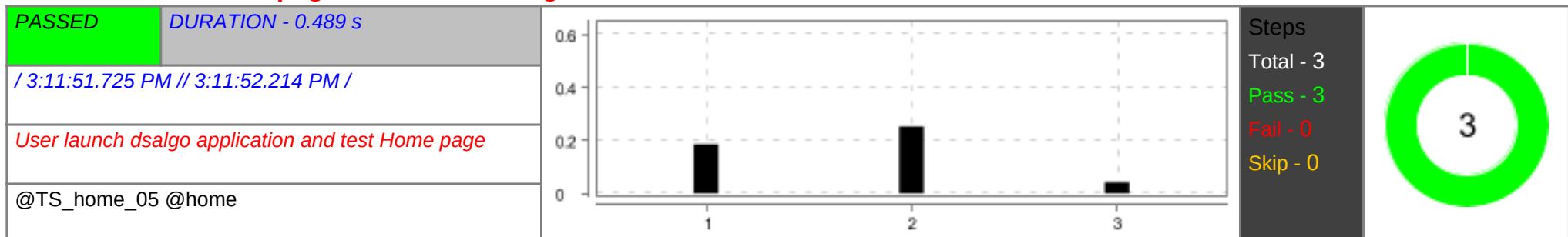
| # | Step / Hook Details | Status | Duration |
|---|-----------------------------------------------------------|--------|----------|
| 1 | Given The user is on Home page | PASSED | 0.167 s |
| 2 | When The user clicks on dropdown "Graph" | PASSED | 0.338 s |
| 3 | Then The user get warning message "You are not logged in" | PASSED | 3.074 s |

User is on Home page and click on sign in



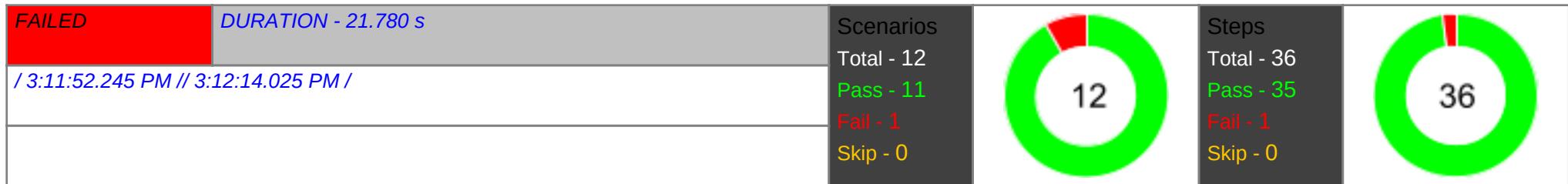
| # | Step / Hook Details | Status | Duration |
|---|----------------------------------------|--------|----------|
| 1 | Given The user is on Home page | PASSED | 0.093 s |
| 2 | When The user clicks on signin link | PASSED | 0.217 s |
| 3 | Then The user redirected to login page | PASSED | 0.034 s |

User is on Home page and click on Register

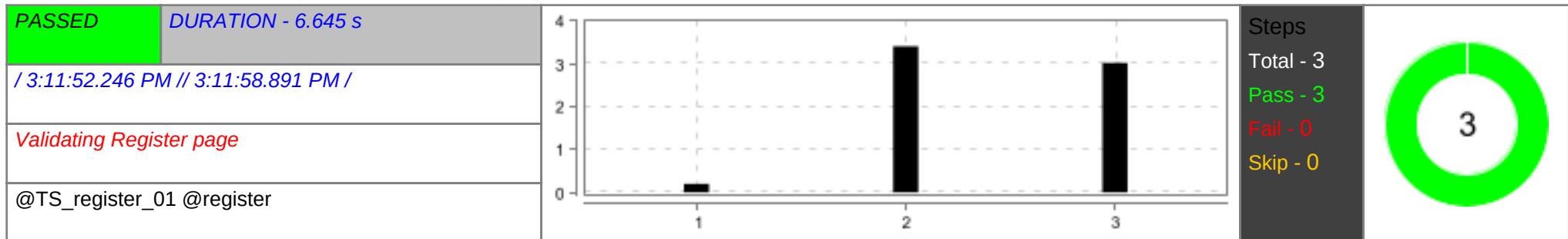


| # | Step / Hook Details | Status | Duration |
|---|-----------------------------------------------|--------|----------|
| 1 | Given The user is on Home page | PASSED | 0.186 s |
| 2 | When The user clicks on register link | PASSED | 0.254 s |
| 3 | Then The user redirected to Registration page | PASSED | 0.043 s |

Validating Register page

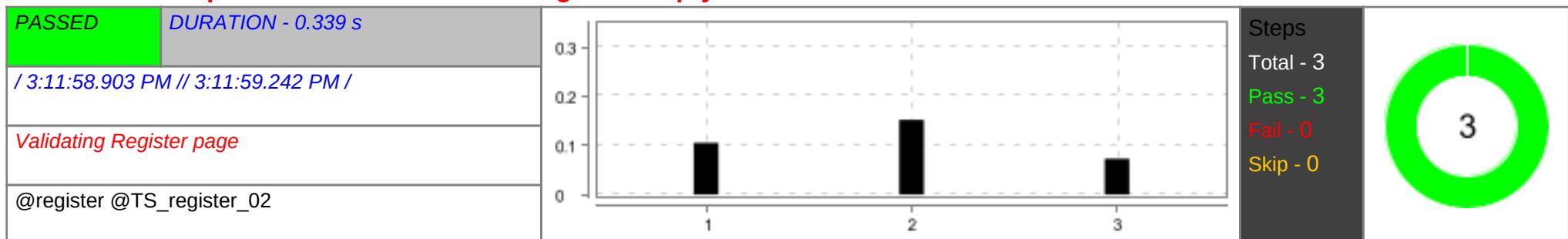


User launch home page of an dsalgo project



| # | Step / Hook Details | Status | Duration |
|---|------------------------------------------------|--------|----------|
| 1 | Given The user opens DS Algo portal link | PASSED | 0.201 s |
| 2 | When The user clicks the "Get Started" button | PASSED | 3.406 s |
| 3 | Then The user should be redirected to homepage | PASSED | 3.023 s |

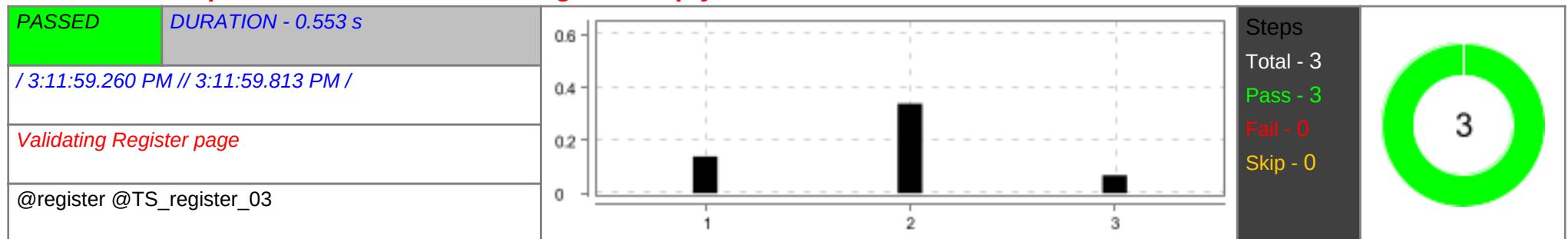
The user is presented with error message for empty fields below Username textbox



| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------|--------|----------|
| 1 | Given The user opens Register Page | PASSED | 0.105 s |
| 2 | When The user clicks "Register" button with all fields empty | PASSED | 0.152 s |

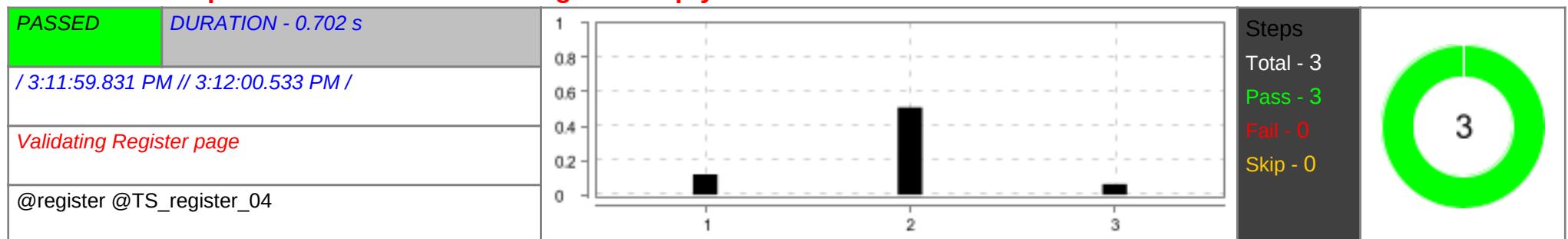
| # | Step / Hook Details | Status | Duration |
|---|----------------------------------------------------------------------------------------------|--------|----------|
| 3 | Then It should display an error message "Please fill out this field." below Username textbox | PASSED | 0.073 s |

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 | 0.139 s |
| 2 | When The user clicks "Register" button after entering username with other fields empty username numpyarsh | PASSED | 0.339 s |
| 3 | Then It should display an error message "Please fill out this field." below Password textbox | PASSED | 0.068 s |

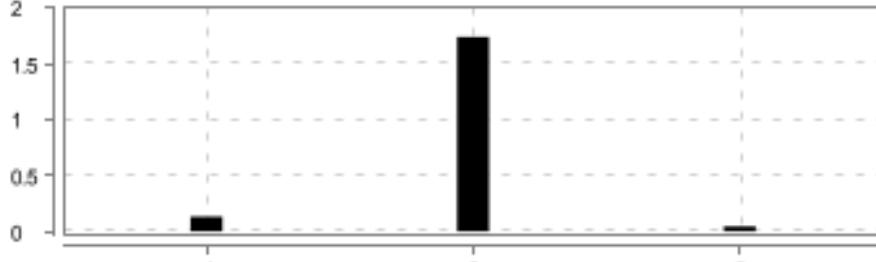
The user is presented with error message for empty fields below confirm Password textbox



| # | Step / Hook Details | Status | Duration |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user opens Register Page | PASSED | 0.119 s |
| 2 | When The user clicks "Register" button after entering "username" and "password" with Password Confirmation field empty username password numpyarsh testdata | PASSED | 0.509 s |

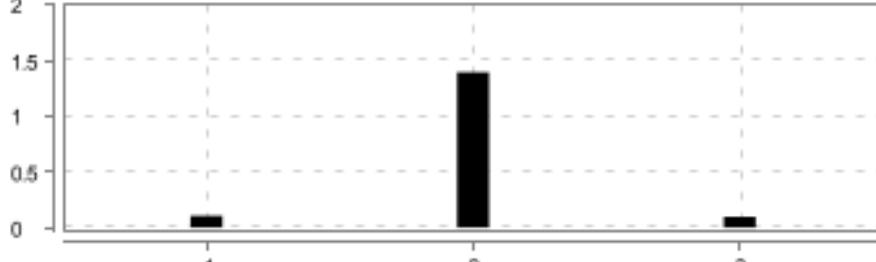
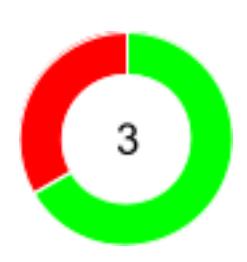
| # | Step / Hook Details | Status | Duration |
|---|-----------------------------------------------------------------------------------------------------------|--------|----------|
| 3 | Then It should display an error message "Please fill out this field." below Password Confirmation textbox | PASSED | 0.062 s |

The user is presented with error message for invalid username

| | | | | |
|--------|--------------------|----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 1.928 s |  / 3:12:00.550 PM // 3:12:02.478 PM / | Steps Total - 3 Pass - 3 Fail - 0 Skip - 0 |  |
| | | Validating Register page | | |
| | | @register @TS_register_05 | | |

| # | Step / Hook Details | Status | Duration | | | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------|------------------|-------|----------|----------|--|--|
| 1 | Given The user opens Register Page | PASSED | 0.133 s | | | | | | |
| 2 | When The user enters a "username" with characters other than Letters, digits and @, ., +, -, _ with valid "password" and "confirm password" | PASSED | 1.741 s | | | | | | |
| | <table border="1" data-bbox="190 770 628 833"> <tr> <td>username</td> <td>password</td> <td>confirm password</td> </tr> <tr> <td>***&&</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 | 0.043 s | | | | | | |

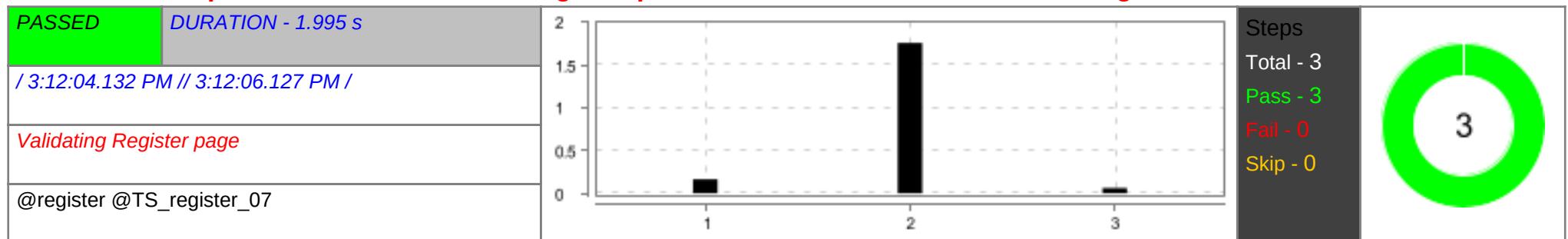
The user is presented with error message for password mismatch

| | | | | |
|--------|--------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|--------------------------------------------------------------------------------------|
| FAILED | DURATION - 1.612 s |  / 3:12:02.491 PM // 3:12:04.103 PM / | Steps Total - 3 Pass - 2 Fail - 1 Skip - 0 |  |
| | | Validating Register page | | |
| | | @register @TS_register_06 | | |

| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user opens Register Page | PASSED | 0.106 s |
| 2 | When The user clicks "Register" button after entering valid "username" and different passwords in "password" and "password confirmation" fields | PASSED | 1.397 s |

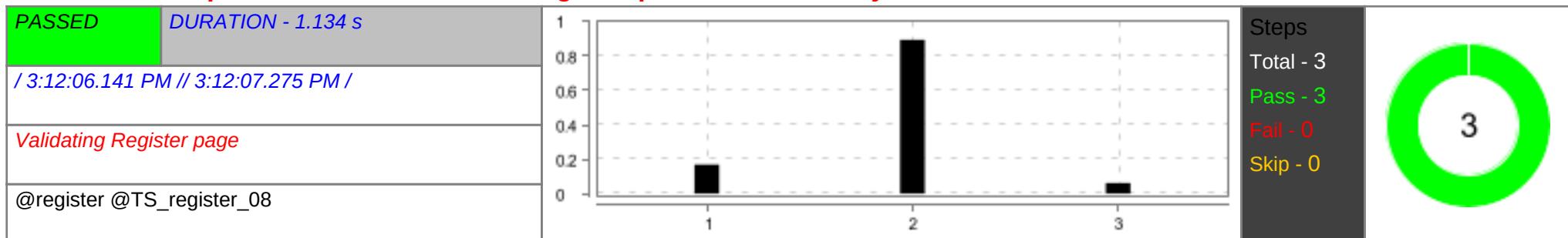
| # | Step / Hook Details | Status | Duration | | | | | | |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------|------------------|------------------------------|------------|---------------|--|--|
| | <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:111) at org.testng.Assert.failEquals(Assert.java:1582) at org.testng.Assert.assertNotEqualsImpl(Assert.java:157) at org.testng.Assert.assertNotEquals(Assert.java:2198) at org.testng.Assert.assertNotEquals(Assert.java:2220) 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 | 0.096 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



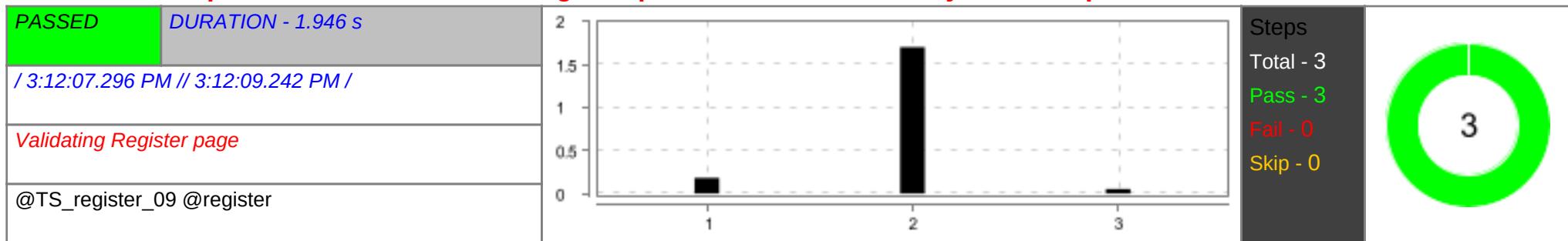
| # | Step / Hook Details | Status | Duration | | | | | | |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------|------------------|------------------------------|---------|---------|--------|---------|
| 1 | Given The user opens Register Page | PASSED | 0.163 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 | 1.759 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 | 0.061 s | | | | | | |

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



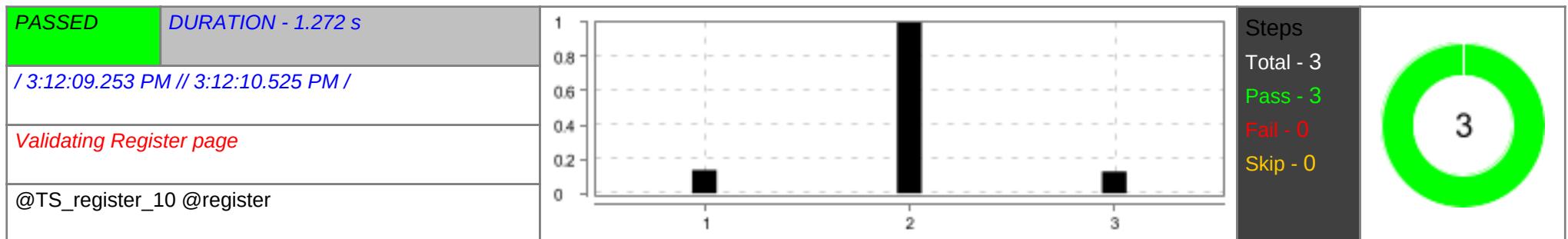
| # | Step / Hook Details | Status | Duration | | | | | | |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------|------------------|------------------------------|----------|----------|--------|---------|
| 1 | Given The user opens Register Page | PASSED | 0.169 s | | | | | | |
| 2 | When The user enters a valid "username" and "password" with only numbers <table border="1"><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 | 0.894 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 | 0.062 s | | | | | | |

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



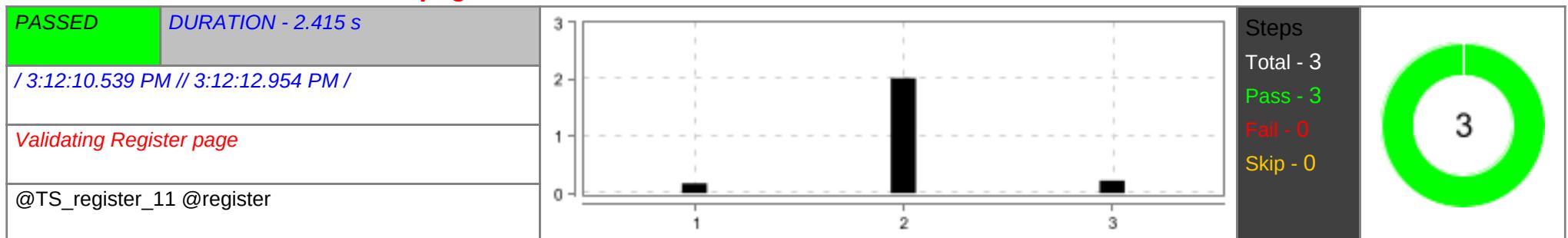
| # | Step / Hook Details | Status | Duration | | | | | | |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------|------------------|------------------------------|-----------|-----------|--------|---------|
| 1 | Given The user opens Register Page | PASSED | 0.182 s | | | | | | |
| 2 | When The user enters a valid "username" and "password" similar to username <table border="1"><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 | 1.703 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 | 0.054 s | | | | | | |

The user is presented with error message for commonly used password



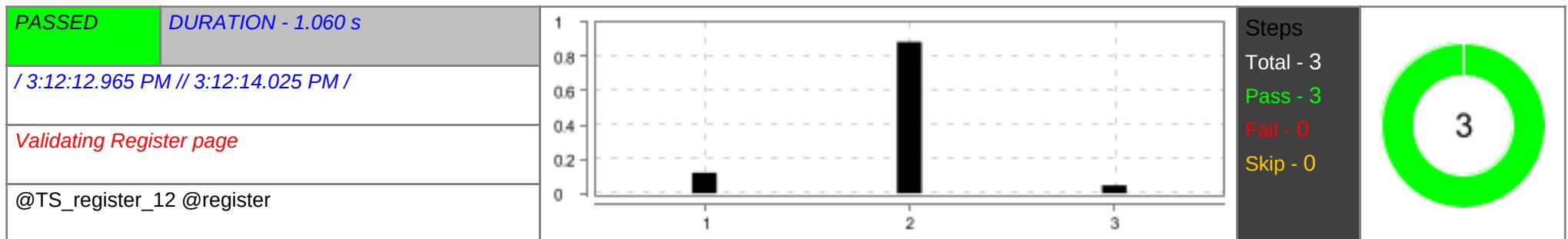
| # | Step / Hook Details | Status | Duration |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user opens Register Page | PASSED | 0.137 s |
| 2 | When The user enters a valid "username" and commonly used password "password" username: numpyarshsquashers@gmail.com password: Welcome1 confirm password: Welcome1 | PASSED | 0.999 s |
| 3 | Then It should display an error message "Password can't be commonly used password" | PASSED | 0.128 s |

The user redirected to Homepage with valid details



| # | Step / Hook Details | Status | Duration |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user opens Register Page | PASSED | 0.171 s |
| 2 | When The user enters a valid "username" and "password" and "password confirmation" username: numpyarshsquashers@gmail.com password: ThankGmail123 confirm password: ThankGmail123 | PASSED | 2.018 s |
| 3 | Then The user should be redirected to Homepage with the message "New Account Created. You are logged in as <username>" | PASSED | 0.218 s |

The user is presented with error message for existing username

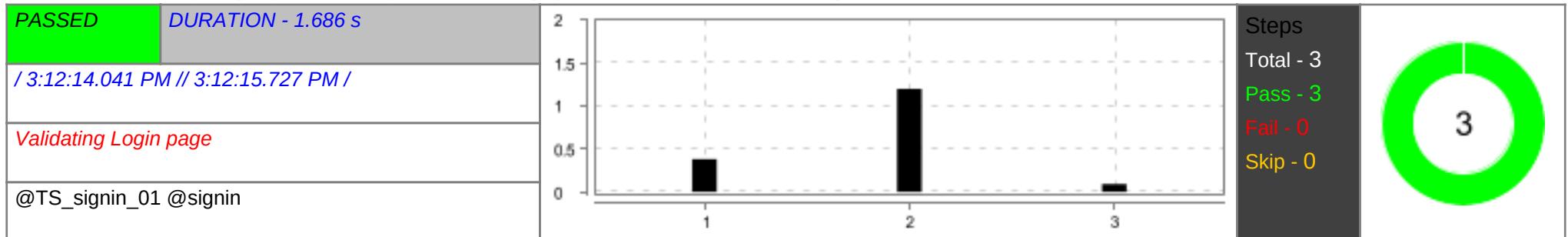


| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user opens Register Page | PASSED | 0.121 s |
| 2 | When The user enters a valid existing "username" with "password" and "password confirmation" username password confirm password numpyarshsquashers@gmail.com ThankGmail123 ThankGmail123 | PASSED | 0.886 s |
| 3 | Then It should display an error message "Username already exists" | PASSED | 0.047 s |

Validating Login page

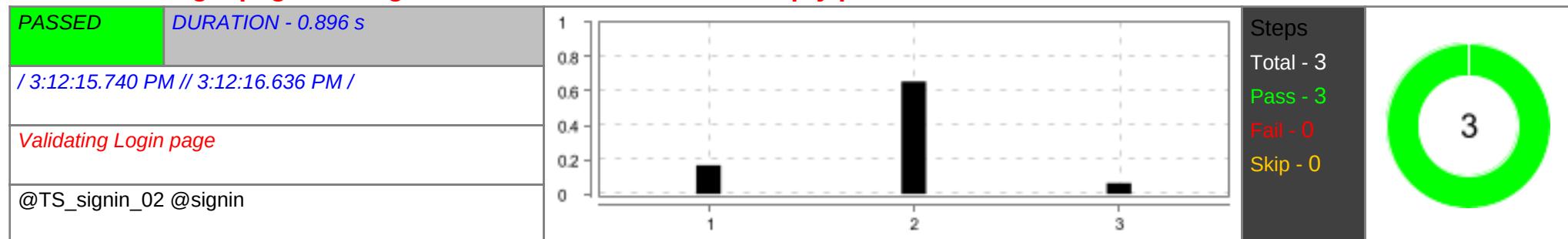


User on login page and login with empty username and valid password



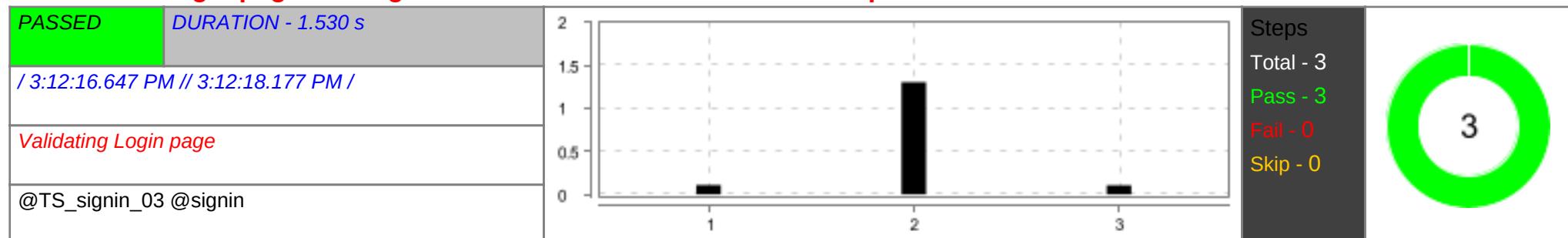
| # | Step / Hook Details | Status | Duration |
|---|----------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on signin page | PASSED | 0.381 s |
| 2 | When The user clicks Login with empty username "" and valid password "Thankgmail123" | PASSED | 1.199 s |
| 3 | Then It should display an error message "Please fill out this field." below Username textbox | PASSED | 0.092 s |

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



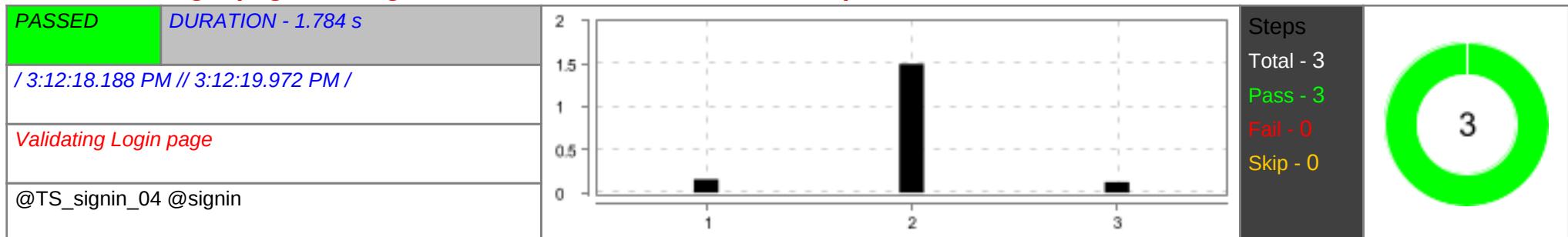
| # | Step / Hook Details | Status | Duration |
|---|-----------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on signin page | PASSED | 0.167 s |
| 2 | When The user clicks Login with username "numpyarshsquashers@gmail.com" and empty password "" | PASSED | 0.656 s |
| 3 | Then It should display an error message "Please fill out this field." below Password textbox | PASSED | 0.063 s |

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



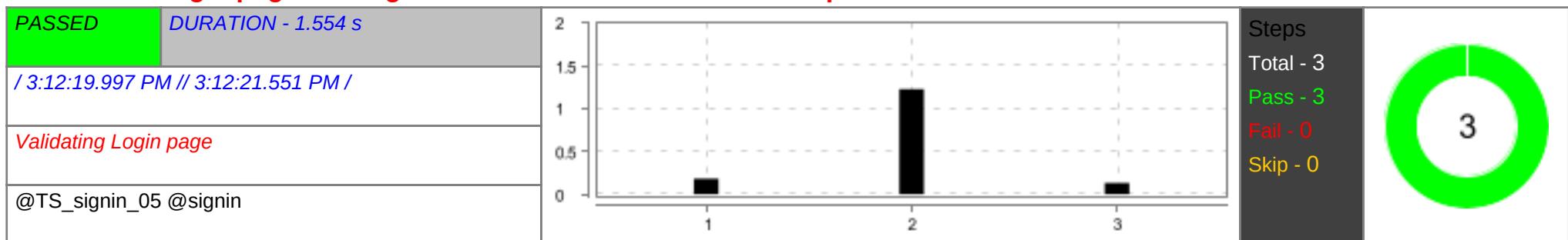
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on signin page | PASSED | 0.110 s |
| 2 | When The user clicks Login with invalid username "bdhgfsj" and invalid password "gsfhsgs" | PASSED | 1.306 s |
| 3 | Then It will display an error message "Invalid Username and Password" | PASSED | 0.106 s |

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



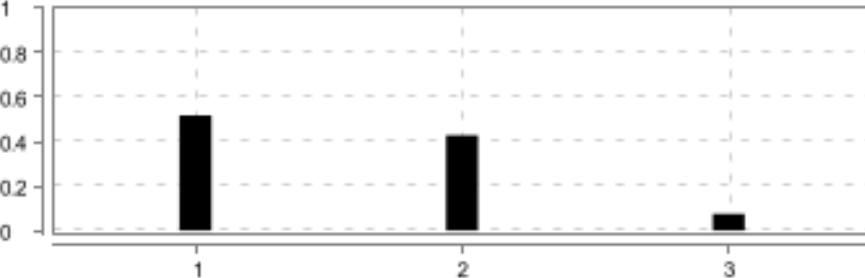
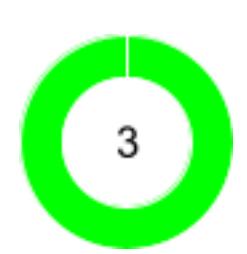
| # | Step / Hook Details | Status | Duration |
|---|----------------------------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on signin page | PASSED | 0.155 s |
| 2 | When The user clicks Login with valid username "numpyarshsquashers@gmail.com" and invalid password "sjdhfsjkh" | PASSED | 1.499 s |
| 3 | Then It should display an error message "Please check your password." password not valid | PASSED | 0.124 s |

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



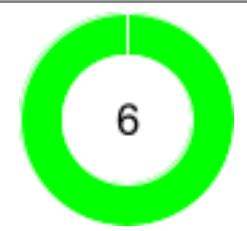
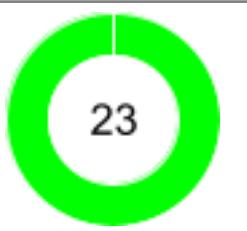
| # | Step / Hook Details | Status | Duration |
|---|----------------------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on signin page | PASSED | 0.183 s |
| 2 | When The user clicks Login with valid username "arshsquashers@gmail.com" and valid password "Welcome12#" | PASSED | 1.228 s |
| 3 | Then It should display "You are logged in" message with username in top right corner | PASSED | 0.133 s |

Sign-Out scenario

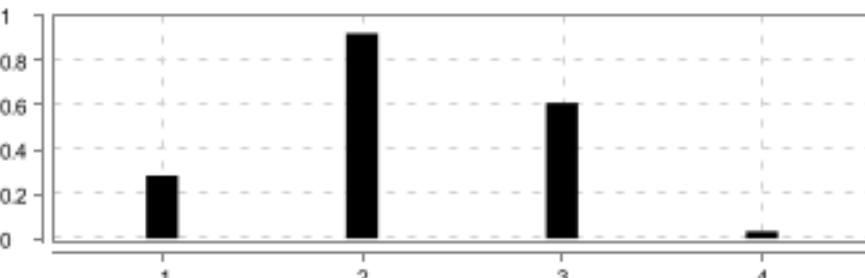
| | | | | |
|--------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 1.028 s |  | Steps Total - 3 Pass - 3 Fail - 0 Skip - 0 |  |
| / 3:12:21.563 PM // 3:12:22.591 PM / | | | | |
| Validating Login page | | | | |
| @TS_signin_06 @signin | | | | |

| # | Step / Hook Details | Status | Duration |
|---|----------------------------------------------------------|--------|----------|
| 1 | Given The user is logged in | PASSED | 0.517 s |
| 2 | When The user clicks on Sign-Out link | PASSED | 0.428 s |
| 3 | Then The user gets the message "Logged out successfully" | PASSED | 0.075 s |

DataStructures-Introduction feature

| | | | | | |
|--------------------------------------|--------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 8.453 s | Scenarios Total - 6 Pass - 6 Fail - 0 Skip - 0 |  | Steps Total - 23 Pass - 23 Fail - 0 Skip - 0 |  |
| / 3:12:22.607 PM // 3:12:31.060 PM / | | | | | |

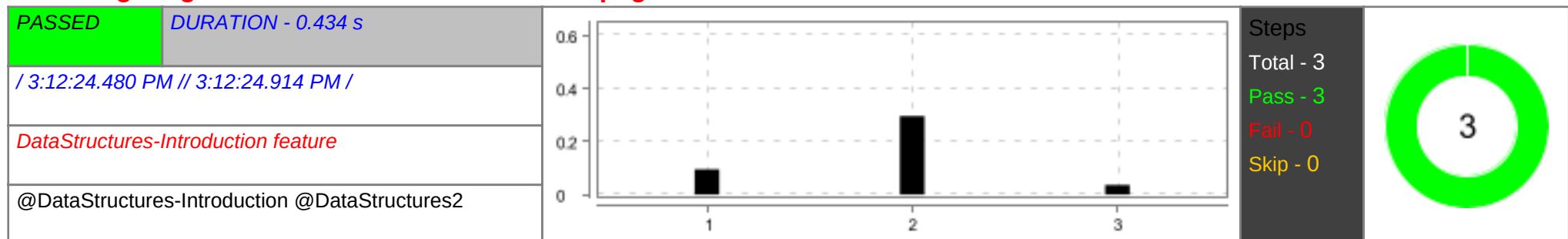
The user is logged in to DS Algo portal

| | | | | |
|-----------------------------------------------|--------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------------------------------------|
| PASSED | DURATION - 1.860 s |  | Steps Total - 4 Pass - 4 Fail - 0 Skip - 0 |  |
| / 3:12:22.607 PM // 3:12:24.467 PM / | | | | |
| DataStructures-Introduction feature | | | | |
| @DataStructures-Introduction @DataStructures1 | | | | |

| # | Step / Hook Details | Status | Duration |
|---|----------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on Signin page of DS Algo portal | PASSED | 0.283 s |
| 2 | When The user enter valid "arshsquashers@gmail.com" and "Welcome12#" | PASSED | 0.922 s |

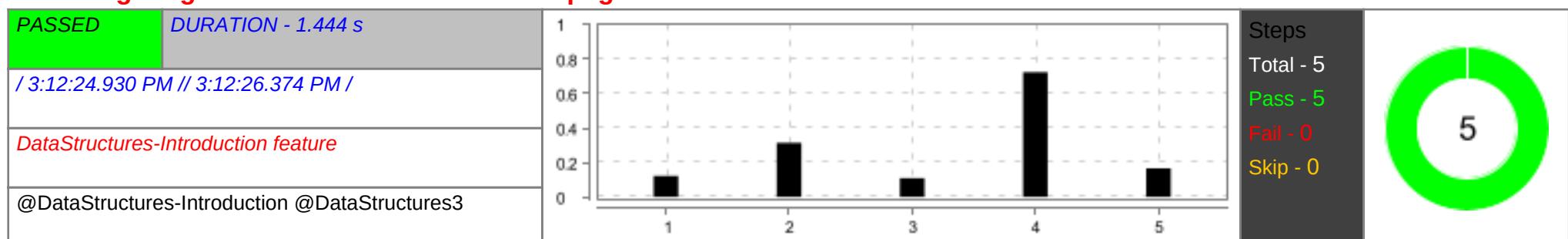
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------|--------|----------|
| 3 | And The user click on login button | PASSED | 0.610 s |
| 4 | Then The user redirected to homepage | PASSED | 0.032 s |

Navigating to DataStructures-Introduction page



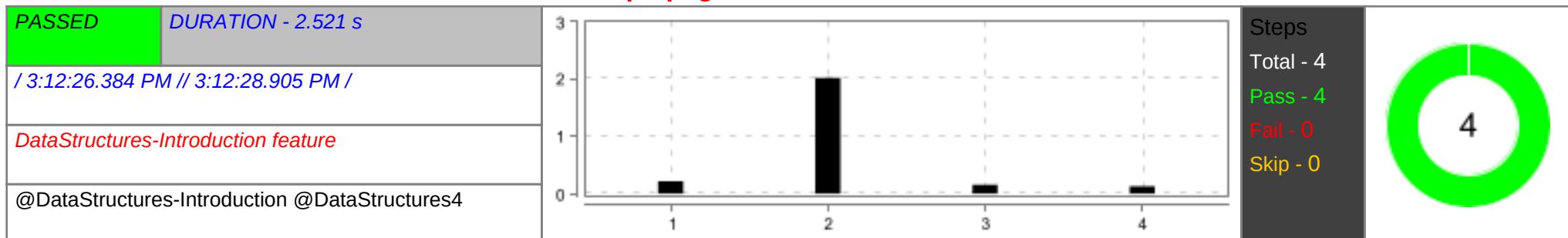
| # | Step / Hook Details | Status | Duration |
|---|------------------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "home page" after logged in | PASSED | 0.095 s |
| 2 | When The user clicks on the Get Started button on Graph or select Stack item from the drop down menu | PASSED | 0.296 s |
| 3 | Then The user is redirected to "DataStructures-Introduction" Page | PASSED | 0.036 s |

Navigating DataStructures-Introduction page



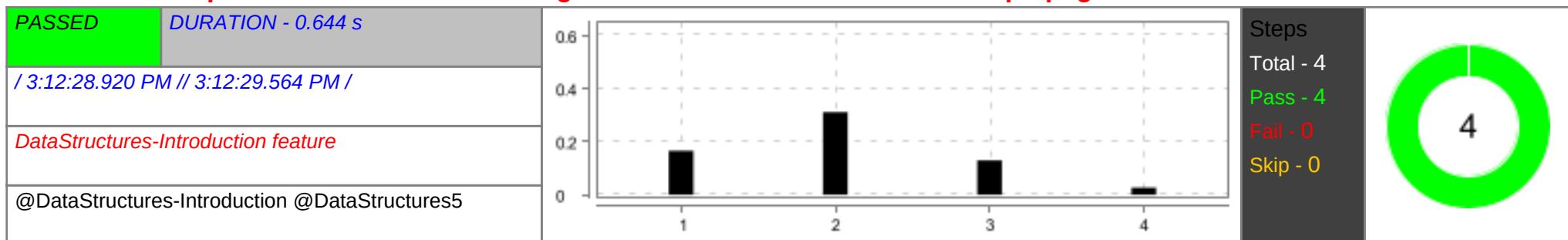
| # | Step / Hook Details | Status | Duration |
|---|---------------------------------------------------------|--------|----------|
| 1 | Given The user is in "DataStructures-Introduction" page | PASSED | 0.122 s |
| 2 | When The user clicks on the Time Complexity link | PASSED | 0.314 s |
| 3 | Then The user is redirected to "Time Complexity" page | PASSED | 0.108 s |
| 4 | When The user clicks the Try here link | PASSED | 0.725 s |
| 5 | Then The user is redirected to "Try Editor" page | PASSED | 0.165 s |

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



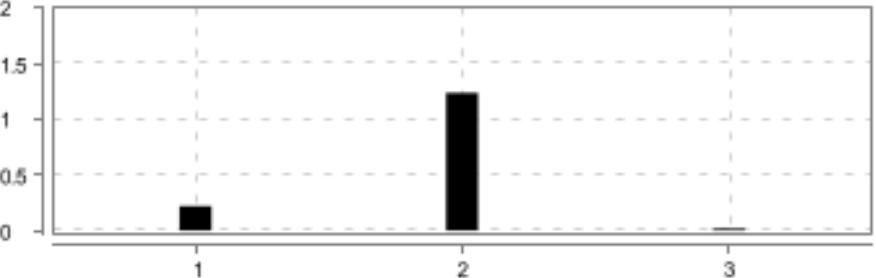
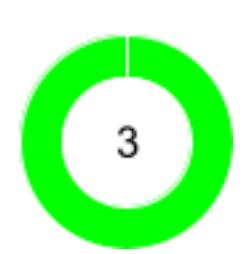
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.216 s |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 2.017 s |
| 3 | And clicks run button | PASSED | 0.152 s |
| 4 | Then The user is presented with the result after run button is clicked | PASSED | 0.126 s |

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



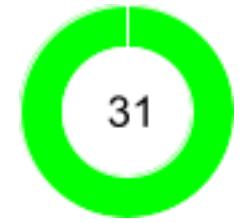
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.166 s |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1 | PASSED | 0.312 s |
| 3 | And clicks run button | PASSED | 0.130 s |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.027 s |

The user is able to click and navigate to Practice Questions

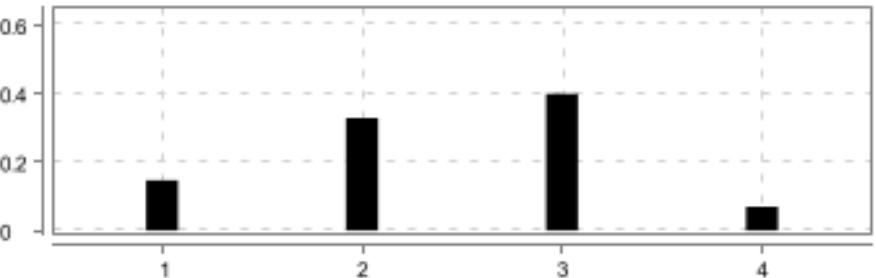
| | | | | |
|-----------------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 1.483 s |  | Steps Total - 3 Pass - 3 Fail - 0 Skip - 0 |  |
| / 3:12:29.577 PM // 3:12:31.060 PM / | | | | |
| DataStructures-Introduction feature | | | | |
| @DataStructures-Introduction @DataStructures6 | | | | |

| # | Step / Hook Details | Status | Duration |
|---|------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Time Complexity" after logged in | PASSED | 0.220 s |
| 2 | When the user clicks on Practice Questions link | PASSED | 1.237 s |
| 3 | Then The user is directed to "Practice Questions" page | PASSED | 0.019 s |

Array feature

| | | | | | |
|--------------------------------------|------------------------|--------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 1 m 9.943 s | Scenarios Total - 31 Pass - 31 Fail - 0 Skip - 0 |  | Steps Total - 124 Pass - 124 Fail - 0 Skip - 0 |  |
| / 3:12:31.102 PM // 3:13:41.045 PM / | | | | | |

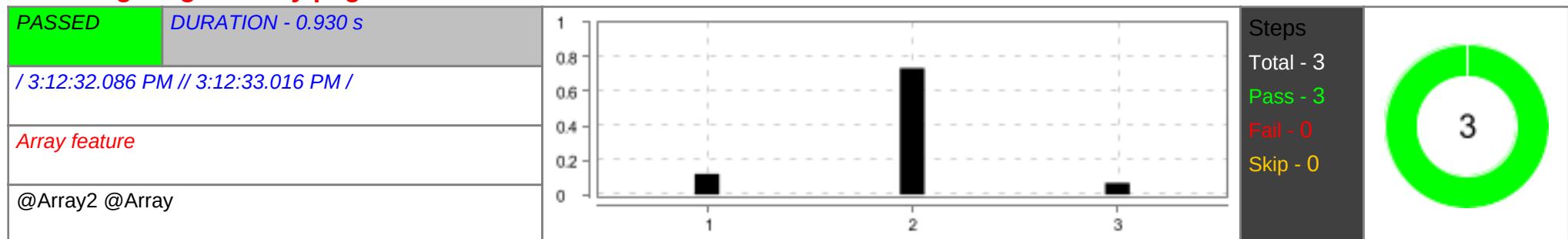
The user is logged in to DS Algo portal

| | | | | |
|--------------------------------------|--------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------------------------------------|
| PASSED | DURATION - 0.965 s |  | Steps Total - 4 Pass - 4 Fail - 0 Skip - 0 |  |
| / 3:12:31.102 PM // 3:12:32.067 PM / | | | | |
| Array feature | | | | |
| @Array1 @Array | | | | |

| # | 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 | 0.329 s |

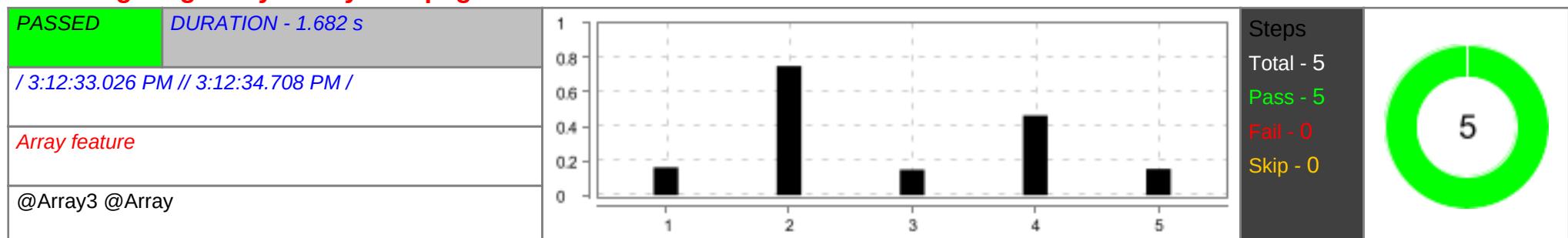
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------|--------|----------|
| 3 | And The user click on login button | PASSED | 0.399 s |
| 4 | Then The user redirected to homepage | PASSED | 0.070 s |

Navigating to Array page



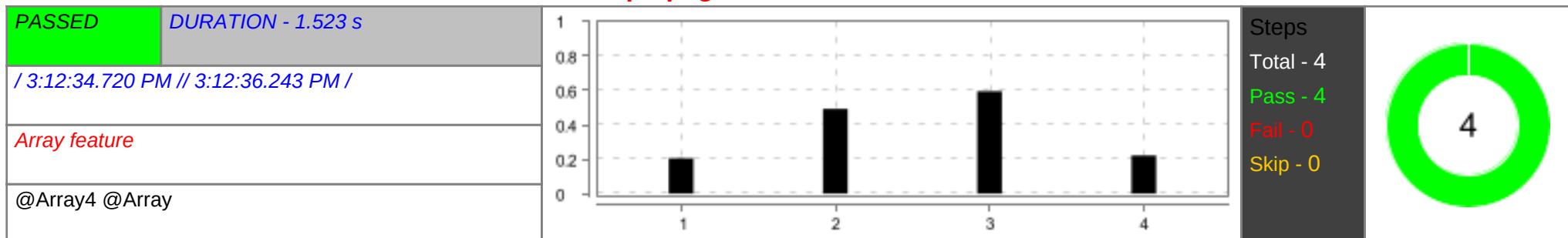
| # | Step / Hook Details | Status | Duration |
|---|------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "home page" after logged in | PASSED | 0.121 s |
| 2 | When The user clicks on the Get Started button below Array | PASSED | 0.734 s |
| 3 | Then The user is redirected to "Array" Page | PASSED | 0.068 s |

Navigating Arrays in Python page



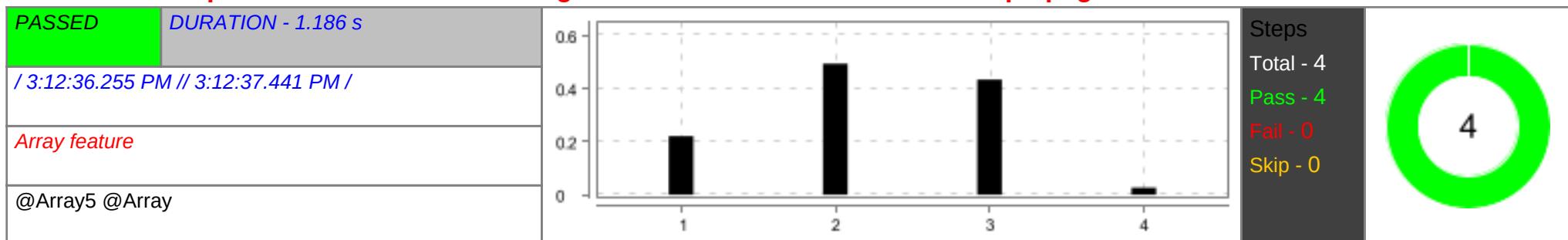
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------|--------|----------|
| 1 | Given The user is in "Array" page | PASSED | 0.162 s |
| 2 | When The user clicks Arrays in Python link | PASSED | 0.750 s |
| 3 | Then The user is redirected to "Arrays in Python" page | PASSED | 0.148 s |
| 4 | When The user clicks the Try here link | PASSED | 0.464 s |
| 5 | Then The user is redirected to "Try Editor" page | PASSED | 0.152 s |

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



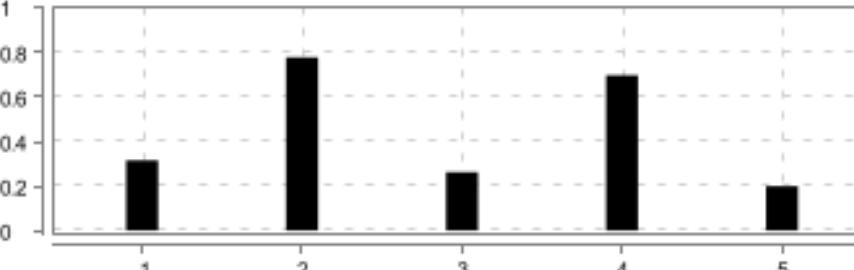
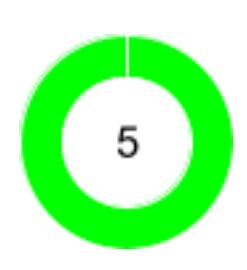
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.205 s |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.492 s |
| 3 | And clicks run button | PASSED | 0.595 s |
| 4 | Then The user is presented with the result after run button is clicked | PASSED | 0.221 s |

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



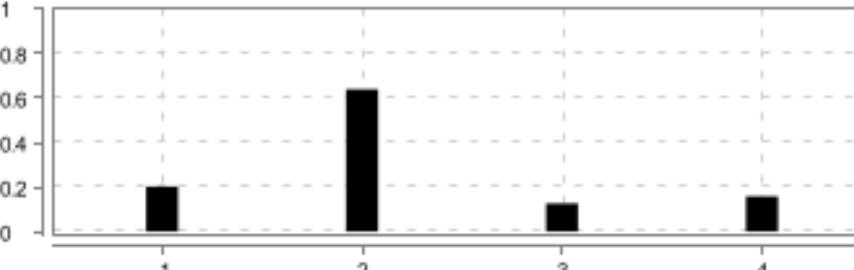
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.221 s |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1 | PASSED | 0.495 s |
| 3 | And clicks run button | PASSED | 0.435 s |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.027 s |

Navigating Arrays Using List page

| | | | | |
|--------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 2.263 s |  | Steps Total - 5 Pass - 5 Fail - 0 Skip - 0 |  |
| / 3:12:37.455 PM // 3:12:39.718 PM / | | | | |
| Array feature | | | | |
| @Array @Array6 | | | | |

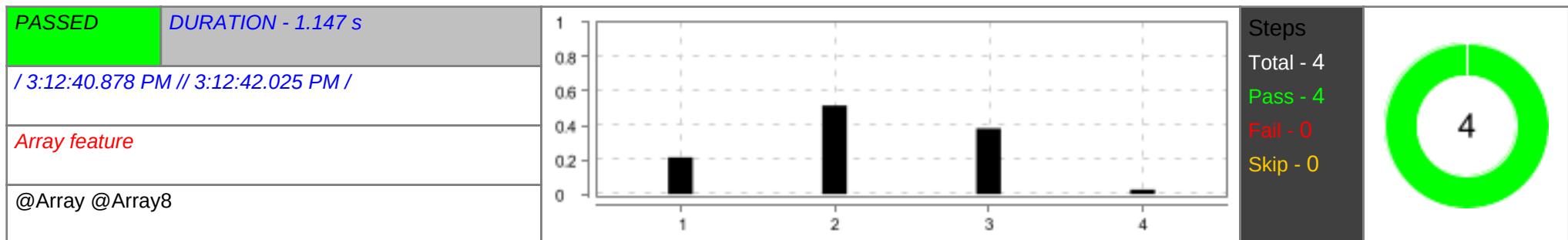
| # | Step / Hook Details | Status | Duration |
|---|---------------------------------------------------------|--------|----------|
| 1 | Given The user is in "Array" page | PASSED | 0.316 s |
| 2 | When The user clicks Arrays Using List link | PASSED | 0.778 s |
| 3 | Then The user is redirected to "Arrays Using List" page | PASSED | 0.263 s |
| 4 | When The user clicks the Try here link | PASSED | 0.698 s |
| 5 | Then The user is redirected to "Try Editor" page | PASSED | 0.200 s |

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

| | | | | |
|--------------------------------------|--------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------------------------------------|
| PASSED | DURATION - 1.137 s |  | Steps Total - 4 Pass - 4 Fail - 0 Skip - 0 |  |
| / 3:12:39.729 PM // 3:12:40.866 PM / | | | | |
| Array feature | | | | |
| @Array @Array7 | | | | |

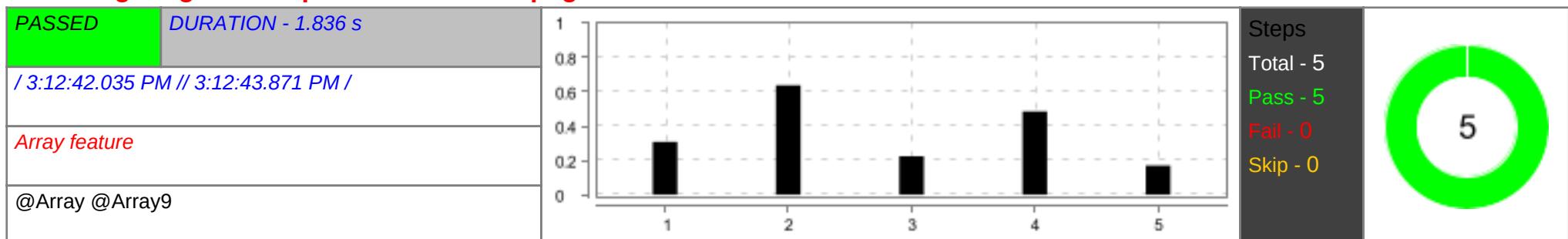
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.203 s |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.639 s |
| 3 | And clicks run button | PASSED | 0.126 s |
| 4 | Then The user is presented with the result after run button is clicked | PASSED | 0.159 s |

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



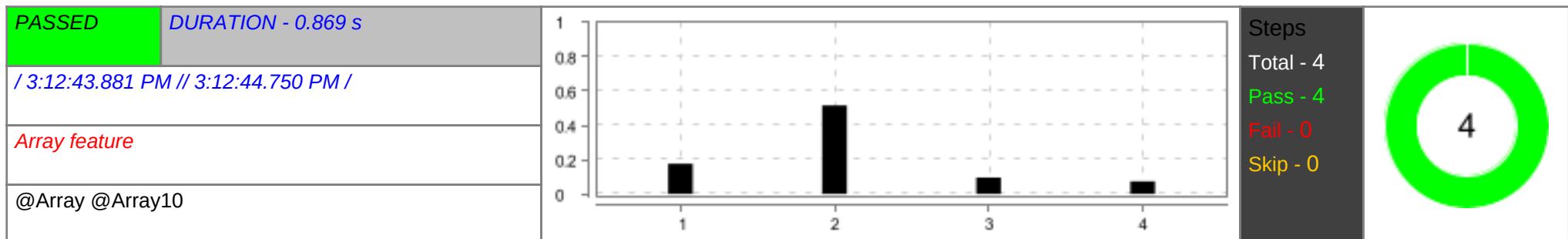
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.214 s |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1 | PASSED | 0.516 s |
| 3 | And clicks run button | PASSED | 0.383 s |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.026 s |

Navigating Basic Operations in Lists page



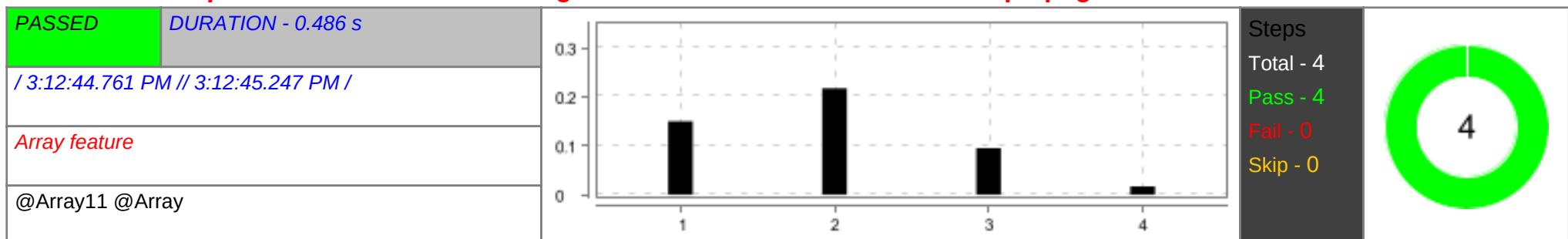
| # | Step / Hook Details | Status | Duration |
|---|-----------------------------------------------------------------|--------|----------|
| 1 | Given The user is in "Array" page | PASSED | 0.308 s |
| 2 | When The user clicks Basic Operations in Lists link | PASSED | 0.638 s |
| 3 | Then The user is redirected to "Basic Operations in Lists" page | PASSED | 0.224 s |
| 4 | When The user clicks the Try here link | PASSED | 0.486 s |
| 5 | Then The user is redirected to "Try Editor" page | PASSED | 0.170 s |

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



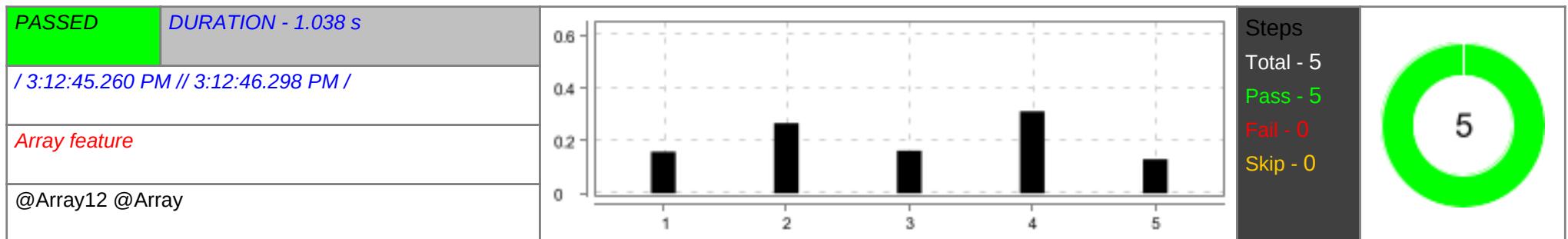
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.176 s |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.516 s |
| 3 | And clicks run button | PASSED | 0.095 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



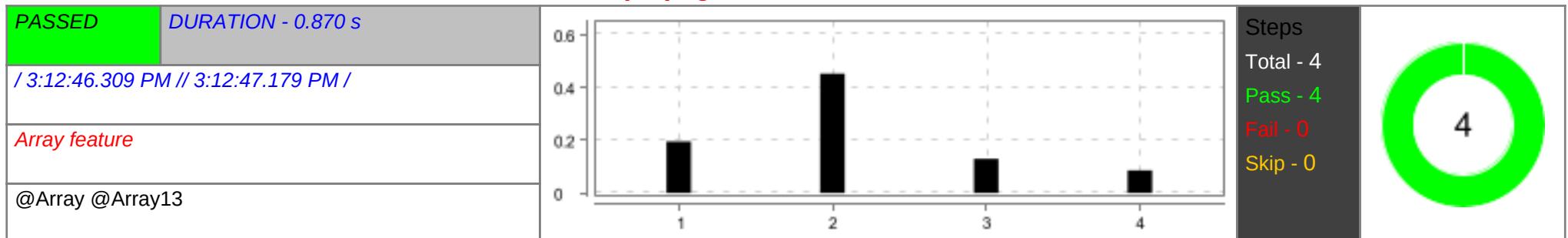
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.150 s |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1 | PASSED | 0.217 s |
| 3 | And clicks run button | PASSED | 0.095 s |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.017 s |

Navigating Applications of Array page



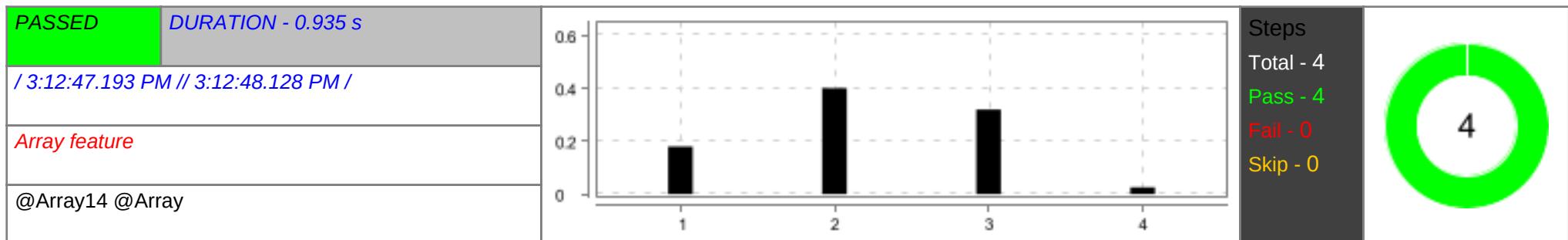
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------|--------|----------|
| 1 | Given The user is in "Array" page | PASSED | 0.158 s |
| 2 | When The user clicks Applications of Array link | PASSED | 0.267 s |
| 3 | Then The user is redirected to "Applications of Array" page | PASSED | 0.162 s |
| 4 | When The user clicks the Try here link | PASSED | 0.312 s |
| 5 | Then The user is redirected to "Try Editor" page | PASSED | 0.130 s |

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



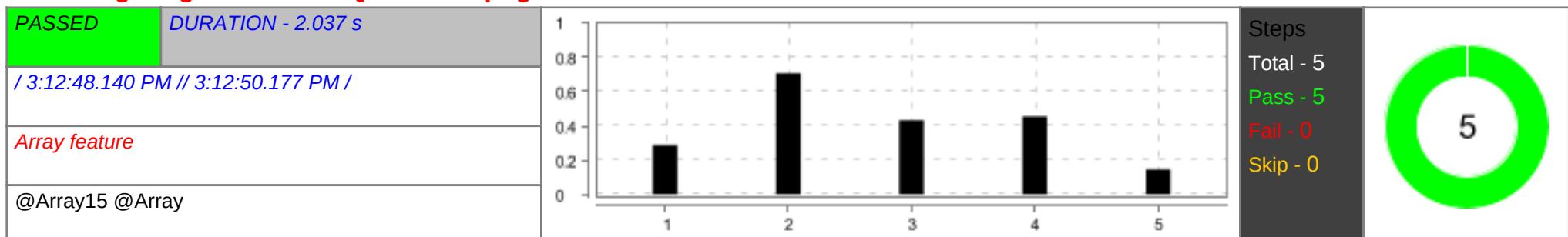
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.195 s |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.453 s |
| 3 | And clicks run button | PASSED | 0.130 s |
| 4 | Then The user is presented with the result after run button is clicked | PASSED | 0.086 s |

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



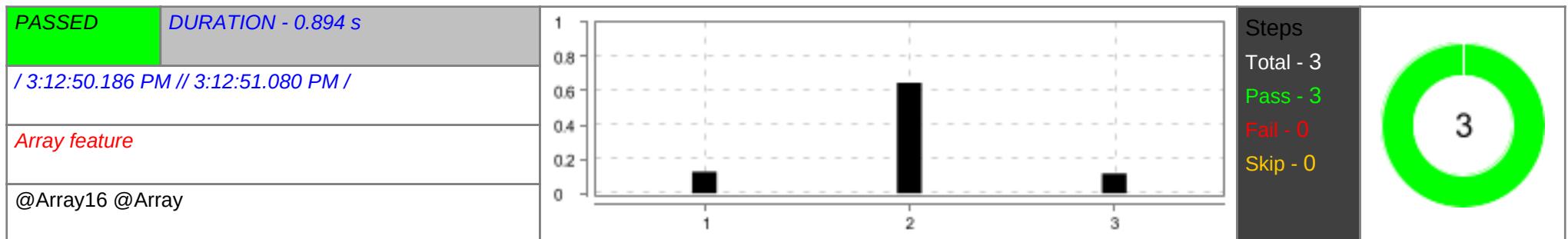
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.180 s |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1 | PASSED | 0.401 s |
| 3 | And clicks run button | PASSED | 0.320 s |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.026 s |

Navigating to Practice Questions page



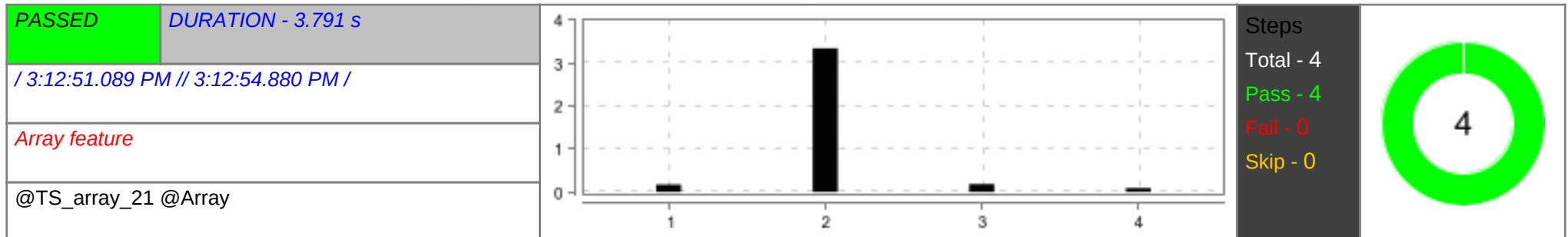
| # | Step / Hook Details | Status | Duration |
|---|----------------------------------------------------------|--------|----------|
| 1 | Given The user is in "Array" page | PASSED | 0.288 s |
| 2 | When The user clicks Applications of Array link | PASSED | 0.708 s |
| 3 | Then The user is redirected to "Arrays in Python" page | PASSED | 0.433 s |
| 4 | When The user clicks Practice Questions link | PASSED | 0.455 s |
| 5 | Then The user is redirected to "Practice Questions" page | PASSED | 0.146 s |

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



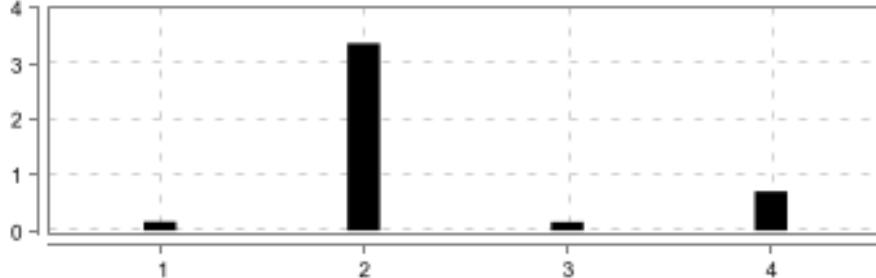
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Practice Questions" after logged in | PASSED | 0.126 s |
| 2 | When The user clicks the Search the array link | PASSED | 0.647 s |
| 3 | Then The user should be redirected to question page contains an tryEditor with Run and Submit buttons | PASSED | 0.116 s |

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



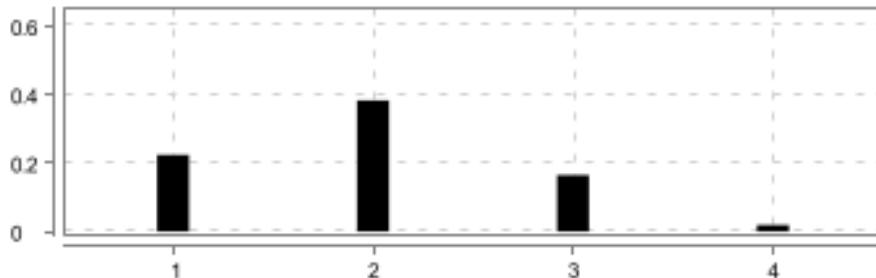
| # | Step / Hook Details | Status | Duration |
|---|---------------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on Question page of "Search the array" after logged in | PASSED | 0.169 s |
| 2 | When The user enter valid python code in tryEditor from sheet "pythonCode" and 2 for the question | PASSED | 3.343 s |
| 3 | And The user clicks on run button | PASSED | 0.183 s |
| 4 | Then The user should be presented with Run result | PASSED | 0.089 s |

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

| | | | | |
|--------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 4.390 s |  | Steps Total - 4 Pass - 4 Fail - 0 Skip - 0 |  |
| / 3:12:54.891 PM // 3:12:59.281 PM / | | | | |
| Array feature | | | | |
| @TS_array_22 @Array | | | | |

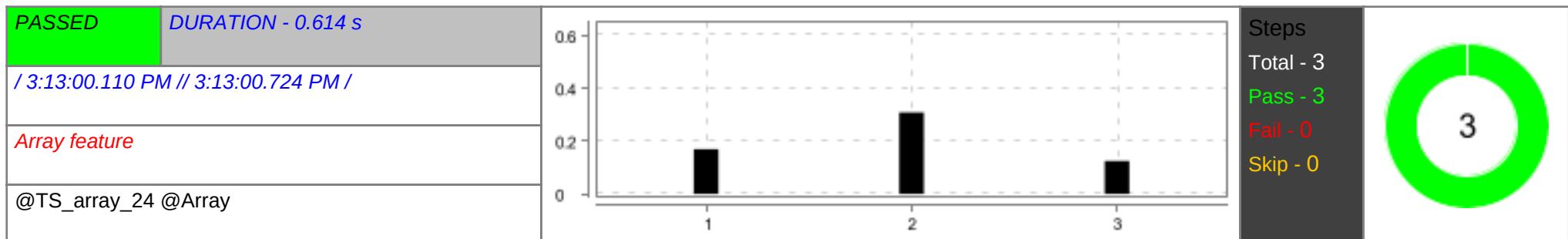
| # | Step / Hook Details | Status | Duration |
|---|---------------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on Question page of "Search the array" after logged in | PASSED | 0.160 s |
| 2 | When The user enter valid python code in tryEditor from sheet "pythonCode" and 3 for the question | PASSED | 3.366 s |
| 3 | And The user clicks on Submit button | PASSED | 0.150 s |
| 4 | Then The user should be presented with successful submission message | PASSED | 0.704 s |

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

| | | | | |
|--------------------------------------|--------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 0.804 s |  | Steps Total - 4 Pass - 4 Fail - 0 Skip - 0 |  |
| / 3:12:59.292 PM // 3:13:00.096 PM / | | | | |
| Array feature | | | | |
| @Array @TS_array_23 | | | | |

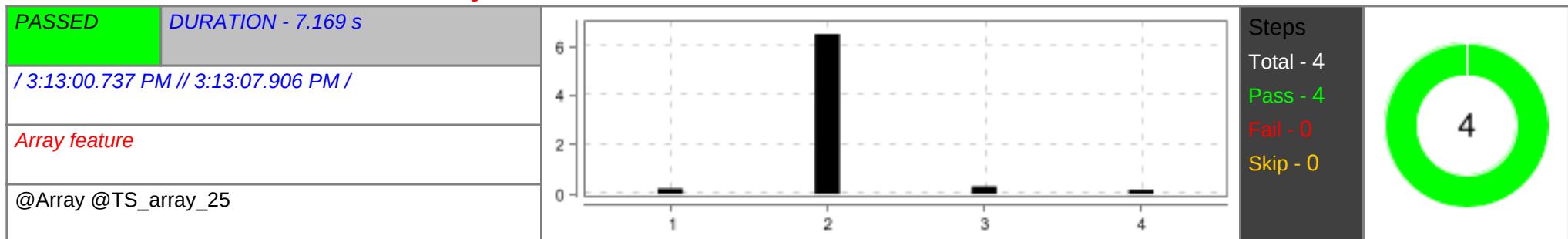
| # | Step / Hook Details | Status | Duration |
|---|------------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on Question page of "Search the array" after logged in | PASSED | 0.224 s |
| 2 | When The user enter python code with invalid syntax in tryEditor from sheet "pythonCode" and 1 | PASSED | 0.383 s |
| 3 | And The user clicks on run button | PASSED | 0.165 s |
| 4 | Then The user should be presented with error message as "SyntaxError: bad input on line 1" | PASSED | 0.019 s |

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



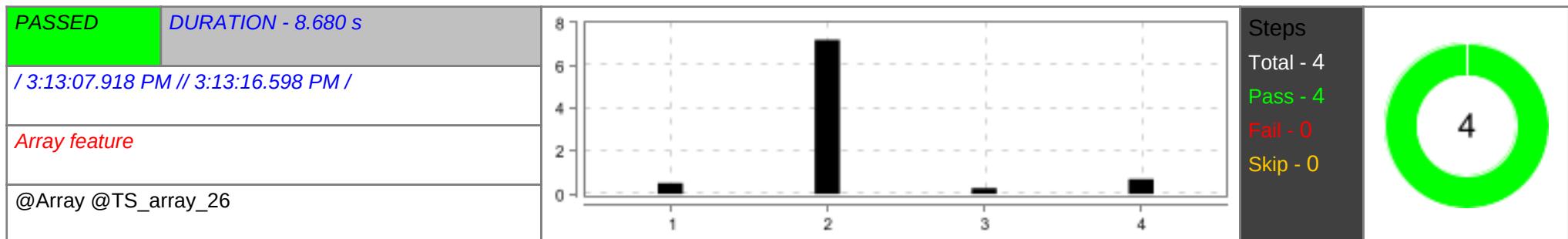
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Practice Questions" after logged in | PASSED | 0.170 s |
| 2 | When The user clicks the Max Consecutive Ones link | PASSED | 0.309 s |
| 3 | Then The user should be redirected to question page contains an tryEditor with Run and Submit buttons | PASSED | 0.125 s |

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



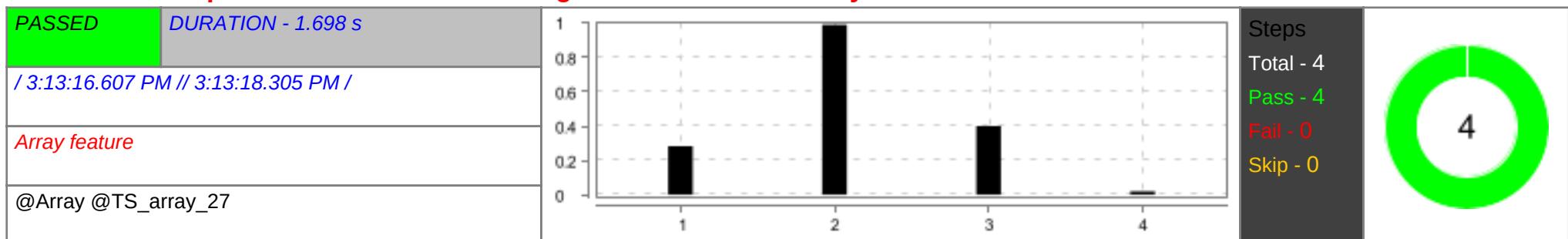
| # | Step / Hook Details | Status | Duration |
|---|---------------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on Question page of "Max Consecutive Ones" after logged in | PASSED | 0.211 s |
| 2 | When The user enter valid python code in tryEditor from sheet "pythonCode" and 4 for the question | PASSED | 6.492 s |
| 3 | And The user clicks on run button | PASSED | 0.294 s |
| 4 | Then The user should be presented with Run result | PASSED | 0.162 s |

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



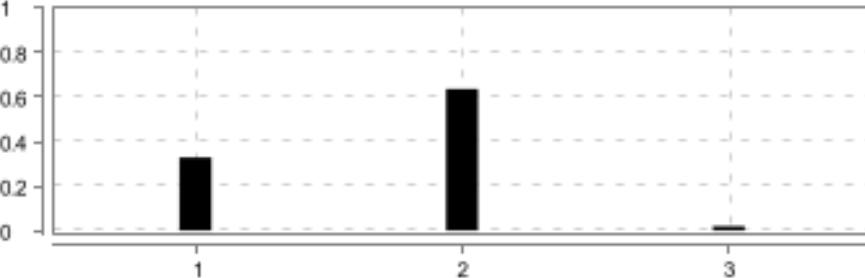
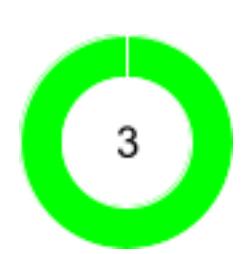
| # | Step / Hook Details | Status | Duration |
|---|---------------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on Question page of "Max Consecutive Ones" after logged in | PASSED | 0.508 s |
| 2 | When The user enter valid python code in tryEditor from sheet "pythonCode" and 5 for the question | PASSED | 7.195 s |
| 3 | And The user clicks on Submit button | PASSED | 0.274 s |
| 4 | Then The user should be presented with successful submission message | PASSED | 0.695 s |

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



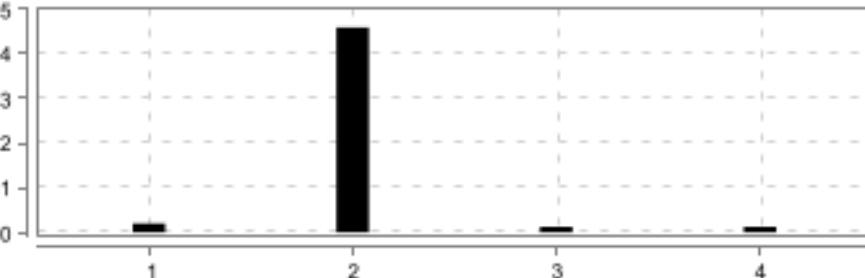
| # | Step / Hook Details | Status | Duration |
|---|------------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on Question page of "Max Consecutive Ones" after logged in | PASSED | 0.283 s |
| 2 | When The user enter python code with invalid syntax in tryEditor from sheet "pythonCode" and 1 | PASSED | 0.991 s |
| 3 | And The user clicks on run button | PASSED | 0.400 s |
| 4 | Then The user should be presented with error message as "SyntaxError: bad input on line 1" | PASSED | 0.019 s |

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

| | | | | |
|--------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 0.989 s |  | Steps Total - 3 Pass - 3 Fail - 0 Skip - 0 |  |
| / 3:13:18.316 PM // 3:13:19.305 PM / | | | | |
| Array feature | | | | |
| @Array @TS_array_28 | | | | |

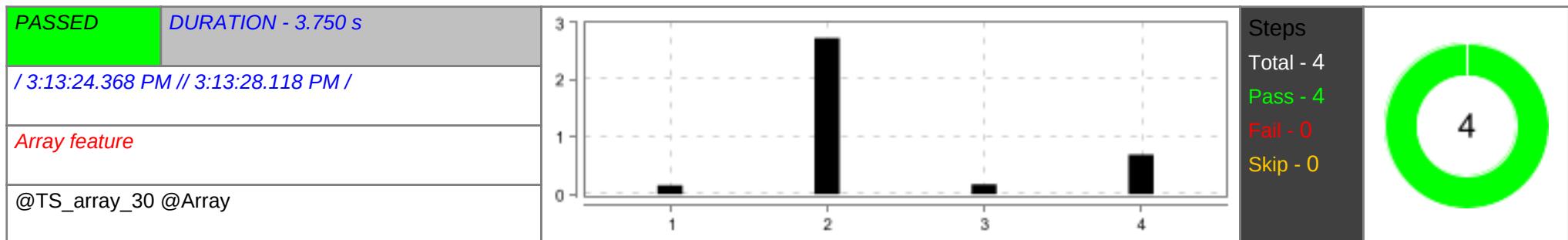
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Practice Questions" after logged in | PASSED | 0.329 s |
| 2 | When The user clicks the Find Numbers with Even Number of Digits link | PASSED | 0.637 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

| | | | | |
|--------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 5.043 s |  | Steps Total - 4 Pass - 4 Fail - 0 Skip - 0 |  |
| / 3:13:19.315 PM // 3:13:24.358 PM / | | | | |
| Array feature | | | | |
| @TS_array_29 @Array | | | | |

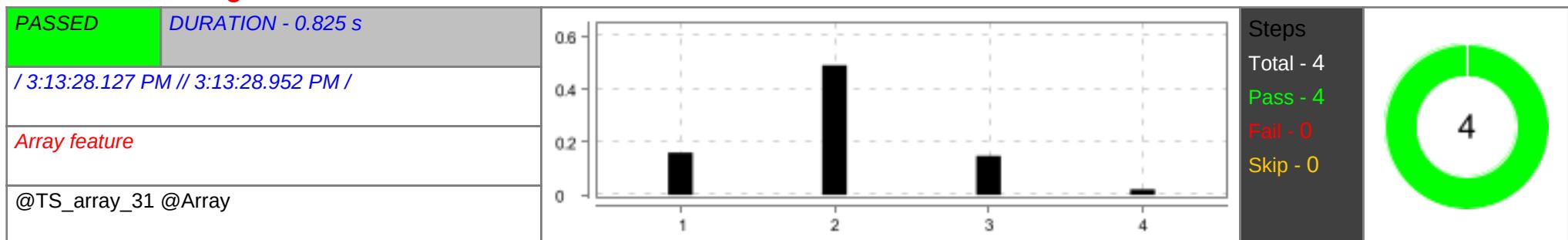
| # | Step / Hook Details | Status | Duration |
|---|---------------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on Question page of "Find Numbers with Even Number of Digits" after logged in | PASSED | 0.199 s |
| 2 | When The user enter valid python code in tryEditor from sheet "pythonCode" and 6 for the question | PASSED | 4.589 s |
| 3 | And The user clicks on run button | PASSED | 0.125 s |
| 4 | Then The user should be presented with Run result | PASSED | 0.123 s |

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



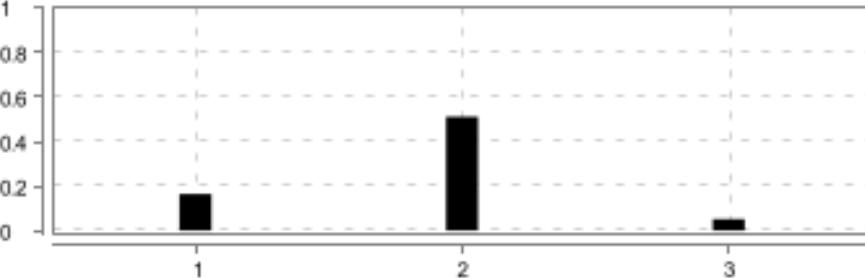
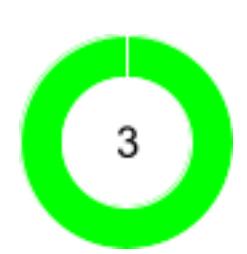
| # | Step / Hook Details | Status | Duration |
|---|---------------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on Question page of "Find Numbers with Even Number of Digits" after logged in | PASSED | 0.153 s |
| 2 | When The user enter valid python code in tryEditor from sheet "pythonCode" and 7 for the question | PASSED | 2.726 s |
| 3 | And The user clicks on Submit button | PASSED | 0.172 s |
| 4 | Then The user should be presented with successful submission message | PASSED | 0.689 s |

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



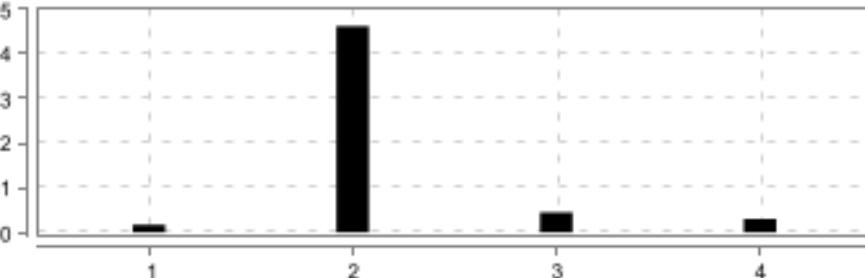
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on Question page of "Find Numbers with Even Number of Digits" after logged in | PASSED | 0.160 s |
| 2 | When The user enter python code with invalid syntax in tryEditor from sheet "pythonCode" and 1 | PASSED | 0.491 s |
| 3 | And The user clicks on run button | PASSED | 0.148 s |
| 4 | Then The user should be presented with error message as "SyntaxError: bad input on line 1" | PASSED | 0.021 s |

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

| | | | | |
|--------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 0.732 s |  | Steps Total - 3 Pass - 3 Fail - 0 Skip - 0 |  |
| / 3:13:28.964 PM // 3:13:29.696 PM / | | | | |
| Array feature | | | | |
| @TS_array_32 @Array | | | | |

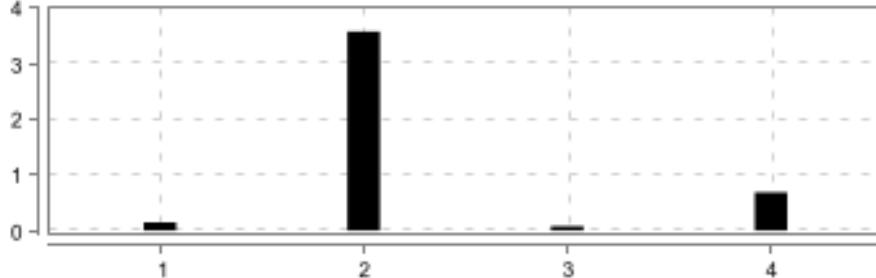
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Practice Questions" after logged in | PASSED | 0.164 s |
| 2 | When The user clicks the Squares of a Sorted Array link | PASSED | 0.511 s |
| 3 | Then The user should be redirected to question page contains an tryEditor with Run and Submit buttons | PASSED | 0.051 s |

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

| | | | | |
|--------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 5.538 s |  | Steps Total - 4 Pass - 4 Fail - 0 Skip - 0 |  |
| / 3:13:29.709 PM // 3:13:35.247 PM / | | | | |
| Array feature | | | | |
| @TS_array_33 @Array | | | | |

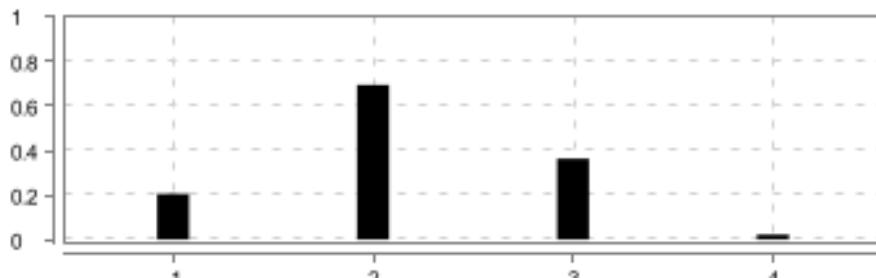
| # | Step / Hook Details | Status | Duration |
|---|---------------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on Question page of "Squares of a Sorted Array" after logged in | PASSED | 0.167 s |
| 2 | When The user enter valid python code in tryEditor from sheet "pythonCode" and 8 for the question | PASSED | 4.616 s |
| 3 | And The user clicks on run button | PASSED | 0.445 s |
| 4 | Then The user should be presented with Run result | PASSED | 0.301 s |

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

| | | | | |
|--------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 4.493 s |  | Steps Total - 4 Pass - 4 Fail - 0 Skip - 0 |  |
| / 3:13:35.254 PM // 3:13:39.747 PM / | | | | |
| Array feature | | | | |
| @Array @TS_array_34 | | | | |

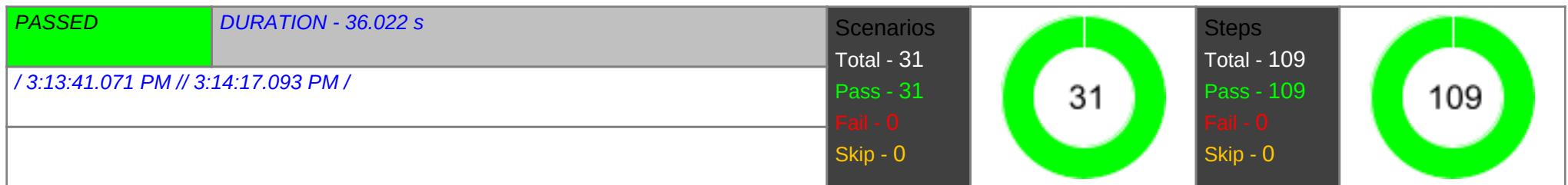
| # | Step / Hook Details | Status | Duration |
|---|---------------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on Question page of "Squares of a Sorted Array" after logged in | PASSED | 0.146 s |
| 2 | When The user enter valid python code in tryEditor from sheet "pythonCode" and 9 for the question | PASSED | 3.578 s |
| 3 | And The user clicks on Submit button | PASSED | 0.075 s |
| 4 | Then The user should be presented with successful submission message | PASSED | 0.687 s |

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

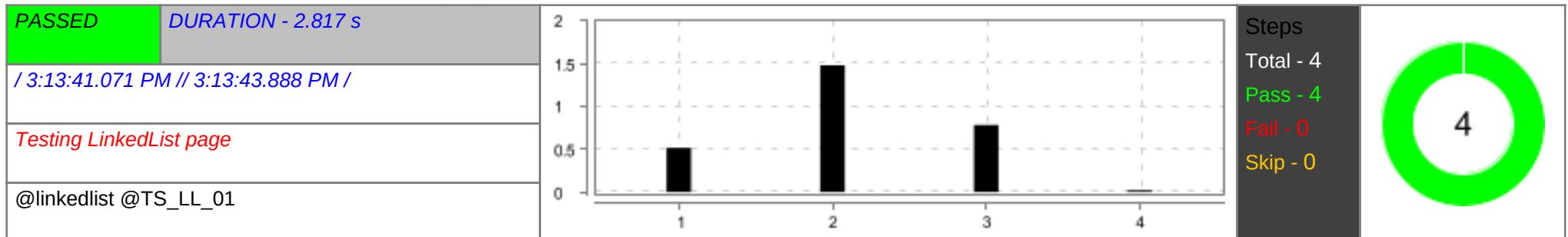
| | | | | |
|--------------------------------------|--------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 1.290 s |  | Steps Total - 4 Pass - 4 Fail - 0 Skip - 0 |  |
| / 3:13:39.755 PM // 3:13:41.045 PM / | | | | |
| Array feature | | | | |
| @TS_array_35 @Array | | | | |

| # | Step / Hook Details | Status | Duration |
|---|------------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on Question page of "Squares of a Sorted Array" after logged in | PASSED | 0.205 s |
| 2 | When The user enter python code with invalid syntax in tryEditor from sheet "pythonCode" and 1 | PASSED | 0.695 s |
| 3 | And The user clicks on run button | PASSED | 0.363 s |
| 4 | Then The user should be presented with error message as "SyntaxError: bad input on line 1" | PASSED | 0.022 s |

Testing LinkedList page

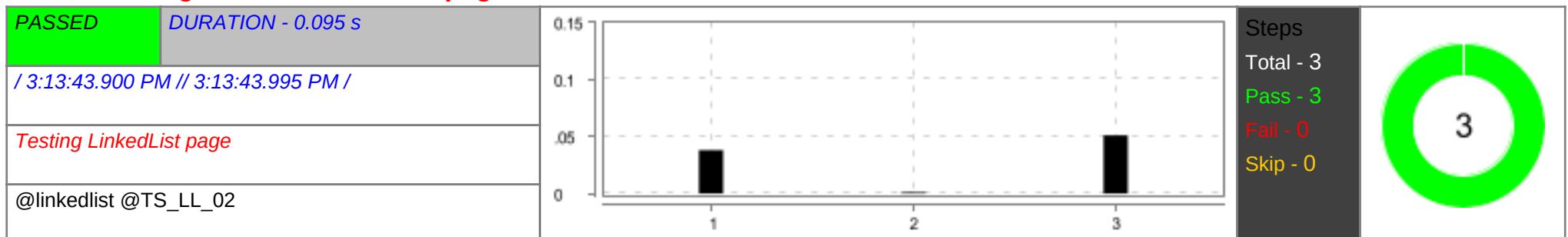


The user is logged in to DS Algo portal



| # | Step / Hook Details | Status | Duration |
|---|----------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on Signin page of DS Algo portal | PASSED | 0.516 s |
| 2 | When The user enter valid "arshsquashers@gmail.com" and "Welcome12#" | PASSED | 1.480 s |
| 3 | And The user click on login button | PASSED | 0.782 s |
| 4 | Then The user redirected to homepage | PASSED | 0.020 s |

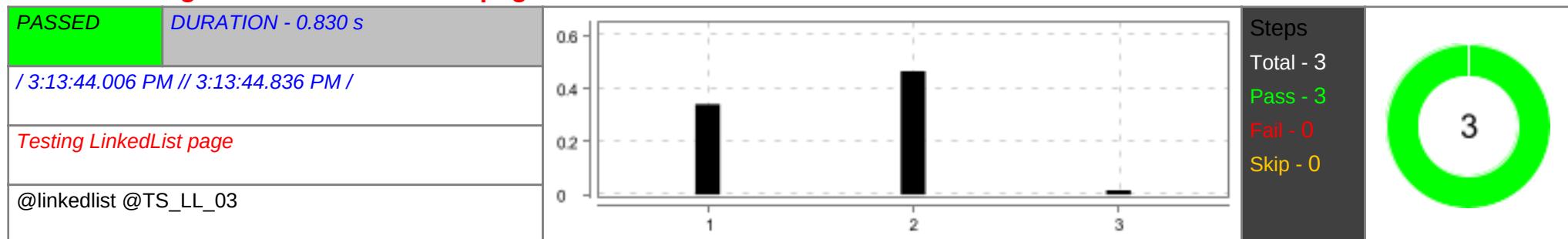
User navigated to "linked list" page



| # | Step / Hook Details | Status | Duration |
|---|----------------------------------------------------|--------|----------|
| 1 | Given The user is on the Home page after logged in | PASSED | 0.038 s |

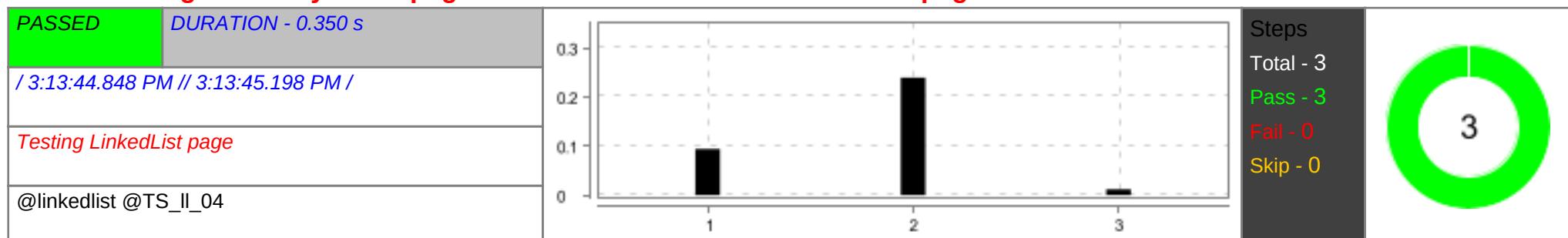
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------|--------|----------|
| 2 | When The user clicks getstarted for LinkedList module | PASSED | 0.001 s |
| 3 | Then The user redirected to "Linked List" Page | PASSED | 0.051 s |

User navigated to "Introduction" page



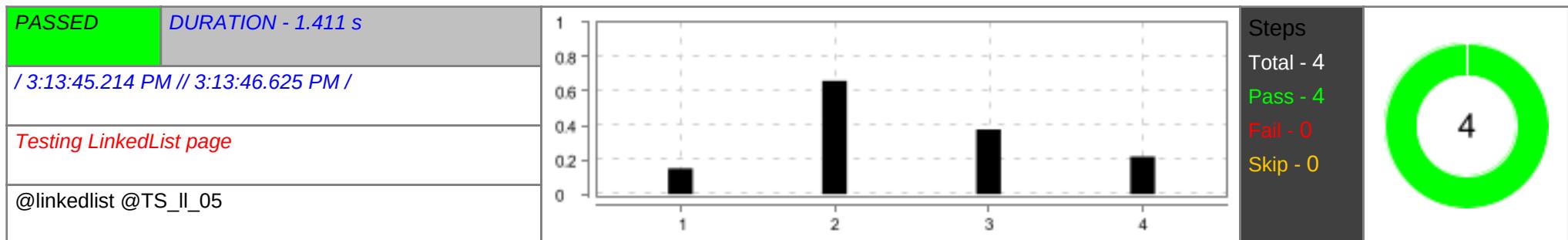
| # | Step / Hook Details | Status | Duration |
|---|------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Linked List page" after logged in | PASSED | 0.341 s |
| 2 | When The user clicks Introduction link | PASSED | 0.466 s |
| 3 | Then The user should be directed to "Introduction" of Linked List Page | PASSED | 0.016 s |

User navigated to tryEditor page with Run button from Introduction page



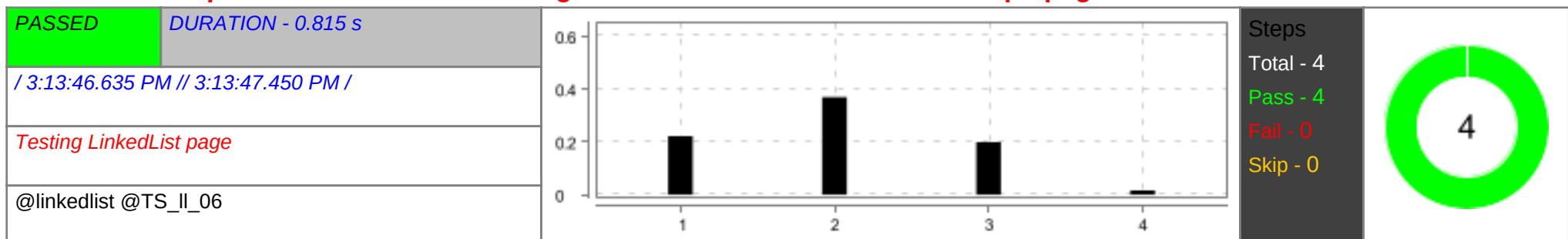
| # | Step / Hook Details | Status | Duration |
|---|------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Introduction" after logged in | PASSED | 0.094 s |
| 2 | When The user clicks "try here" button in the "introduction" page | PASSED | 0.239 s |
| 3 | Then The user redirected to the 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



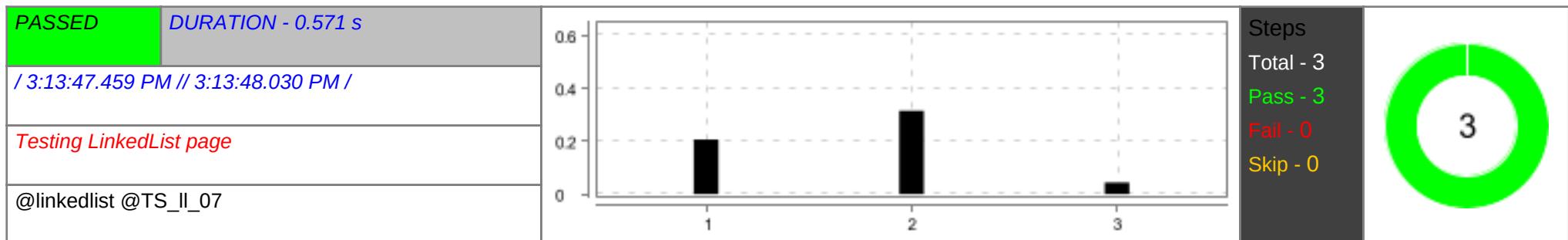
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.149 s |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.660 s |
| 3 | And clicks run button | PASSED | 0.377 s |
| 4 | Then The user is presented with the result after run button is clicked | PASSED | 0.218 s |

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



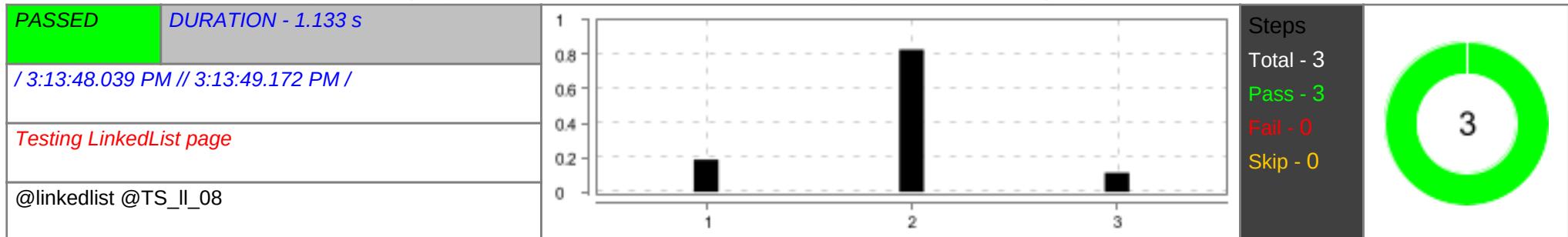
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.222 s |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1 | PASSED | 0.370 s |
| 3 | And clicks run button | PASSED | 0.199 s |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.016 s |

User navigated to "creating linked list" page



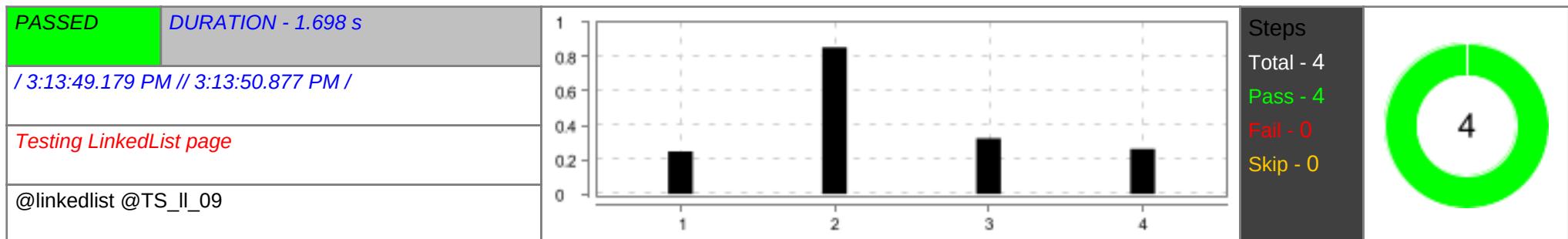
| # | Step / Hook Details | Status | Duration |
|---|---------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Linked List page" after logged in | PASSED | 0.207 s |
| 2 | When The user clicks creating linked list link | PASSED | 0.315 s |
| 3 | Then The user should be directed to "Creating Linked Llist" of Linked List Page | PASSED | 0.044 s |

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



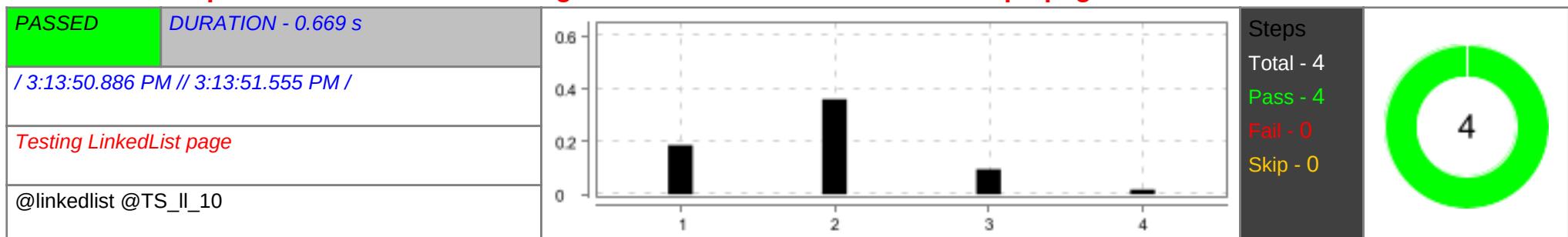
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Creating a Linked List" after logged in | PASSED | 0.187 s |
| 2 | When The user clicks "try here" button in the "creating linked list" page | PASSED | 0.829 s |
| 3 | Then The user should be redirected to a page having an tryEditor with a Run button to test | PASSED | 0.111 s |

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



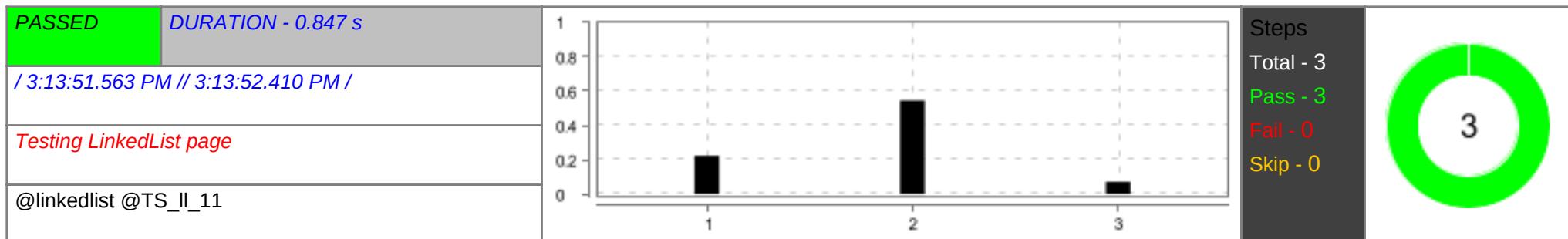
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.248 s |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.855 s |
| 3 | And clicks run button | PASSED | 0.324 s |
| 4 | Then The user is presented with the result after run button is clicked | PASSED | 0.263 s |

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



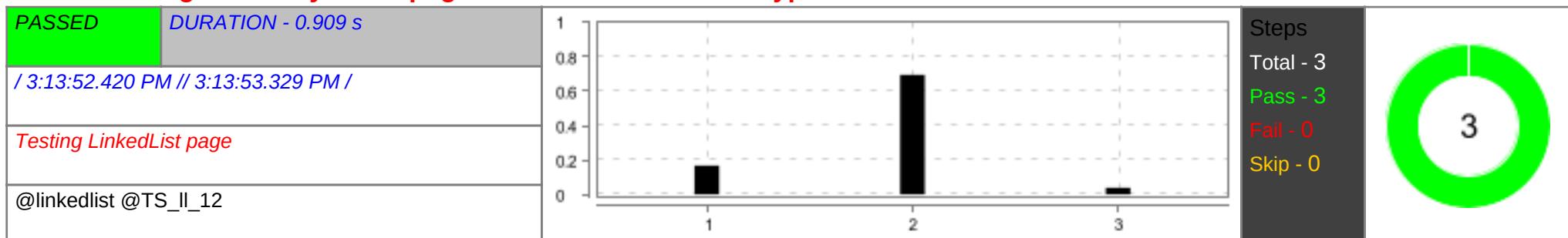
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.187 s |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1 | PASSED | 0.361 s |
| 3 | And clicks run button | PASSED | 0.095 s |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.018 s |

User navigated to "Types of linked list" page



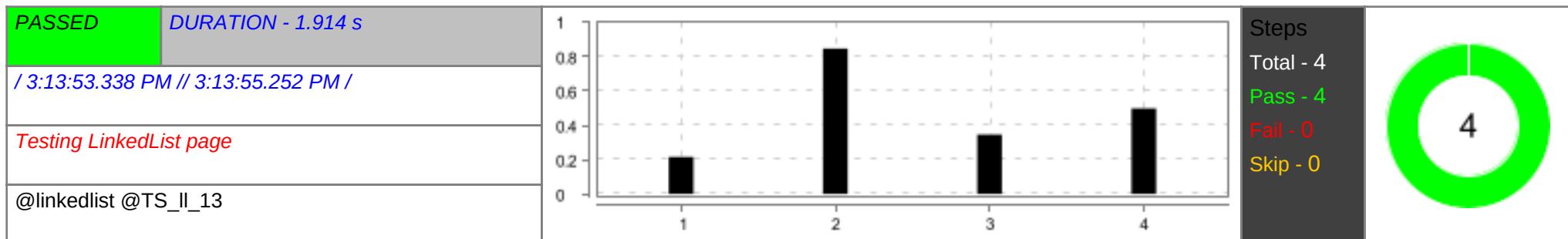
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Linked List page" after logged in | PASSED | 0.223 s |
| 2 | When The user clicks the Types of Linked List button | PASSED | 0.546 s |
| 3 | Then The user should be directed to "Types of Linked List" of Linked List Page | PASSED | 0.071 s |

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

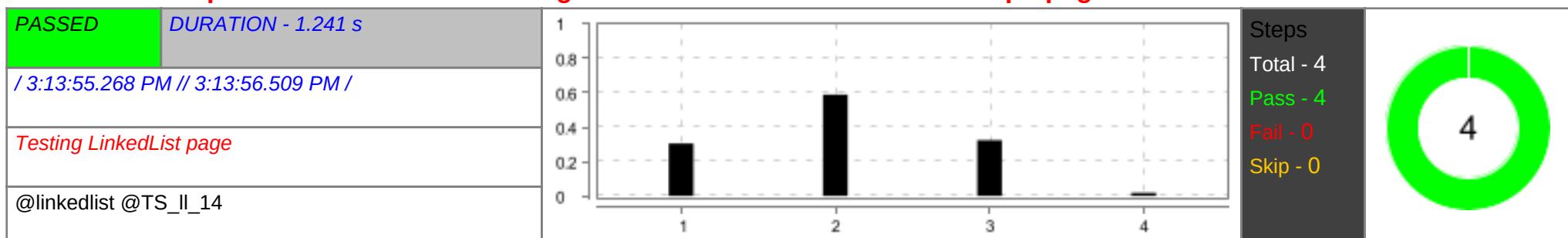


| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Types of Linked list" after logged in | PASSED | 0.167 s |
| 2 | When The user clicks "Try Here" button in the "types of linked list" page | PASSED | 0.695 s |
| 3 | Then The user should be redirected to a page having an tryEditor with a Run button to test | PASSED | 0.038 s |

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

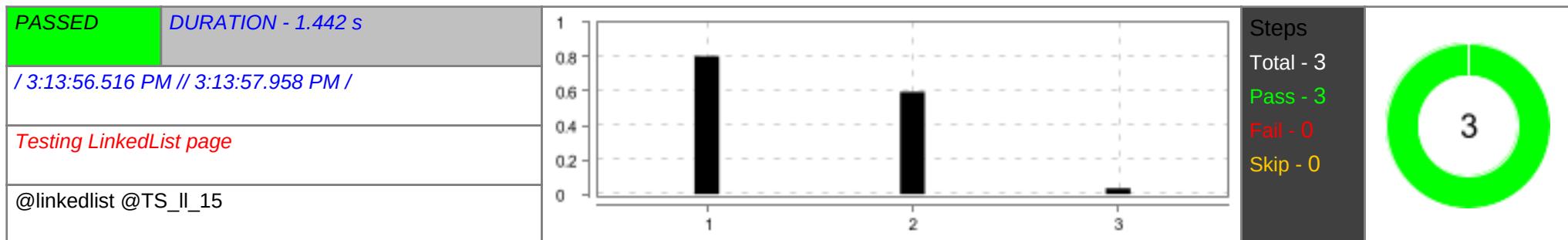
**Step / Hook Details**

| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.216 s |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.847 s |
| 3 | And clicks run button | PASSED | 0.346 s |
| 4 | Then The user is presented with the result after run button is clicked | PASSED | 0.499 s |

The user is presented with error message for invalid code in Editor for Graph page**Step / Hook Details**

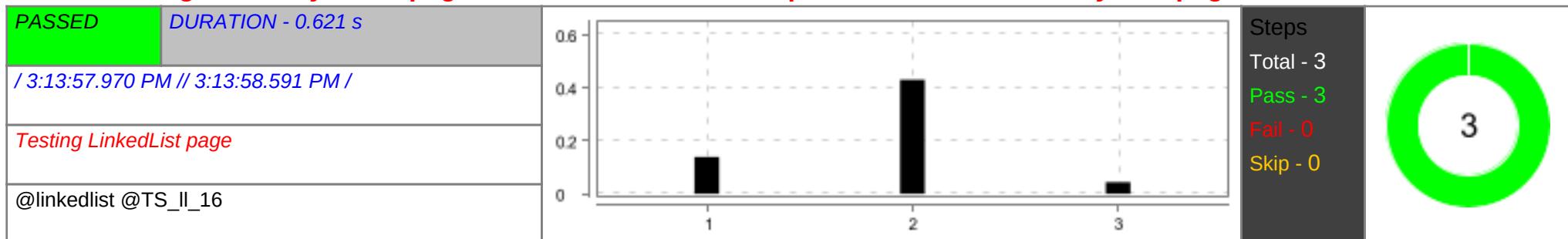
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.305 s |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1 | PASSED | 0.589 s |
| 3 | And clicks run button | PASSED | 0.324 s |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.018 s |

user navigated to "Implementation linked list in python" page



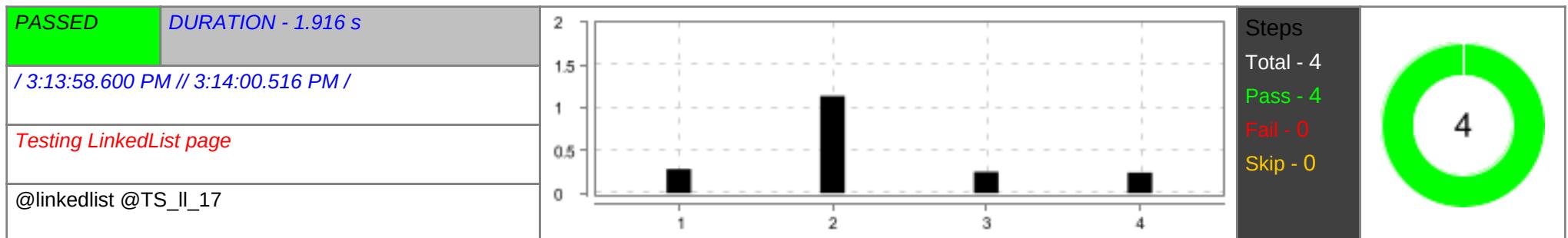
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Linked List page" after logged in | PASSED | 0.803 s |
| 2 | When The user clicks the Implement Linked List in Python button | PASSED | 0.596 s |
| 3 | Then The user should be directed to "Implement Linked List in Python" of Linked List Page | PASSED | 0.034 s |

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



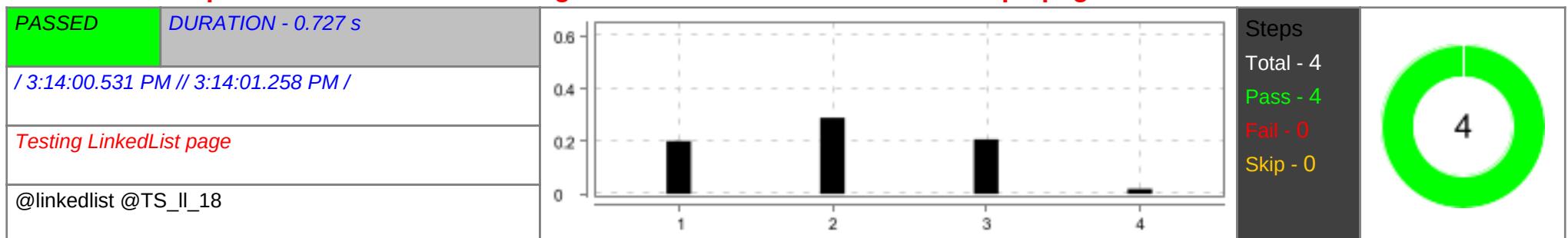
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Implement Linked List in Python" after logged in | PASSED | 0.139 s |
| 2 | When The user clicks "Try Here" button in the "implemented linked list in python" page | PASSED | 0.431 s |
| 3 | Then The user should be redirected to a page having an tryEditor with a Run button to test | PASSED | 0.044 s |

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



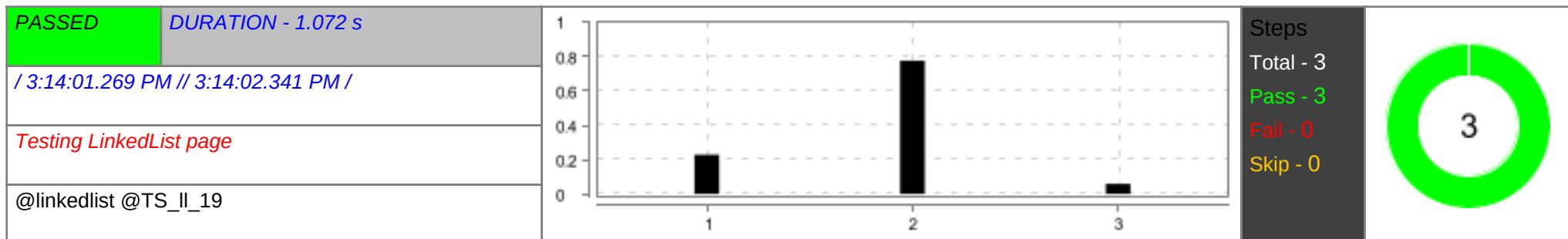
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.281 s |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 1.138 s |
| 3 | And clicks run button | PASSED | 0.250 s |
| 4 | Then The user is presented with the result after run button is clicked | PASSED | 0.240 s |

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



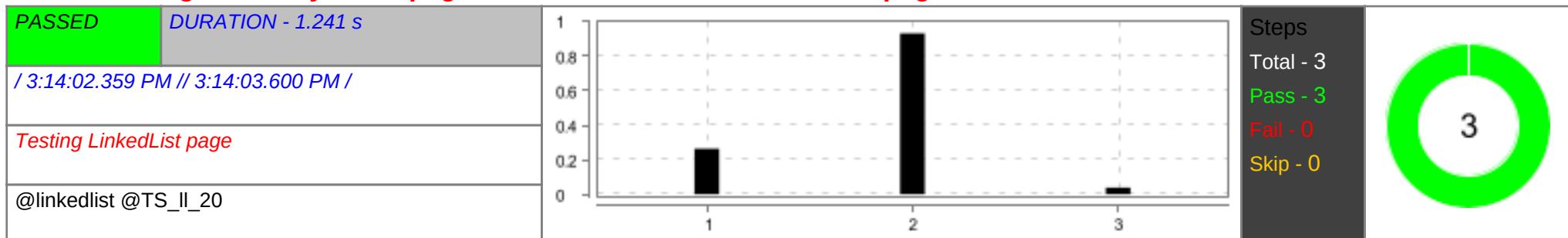
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.201 s |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1 | PASSED | 0.290 s |
| 3 | And clicks run button | PASSED | 0.208 s |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.019 s |

user navigated to "Traversal" page



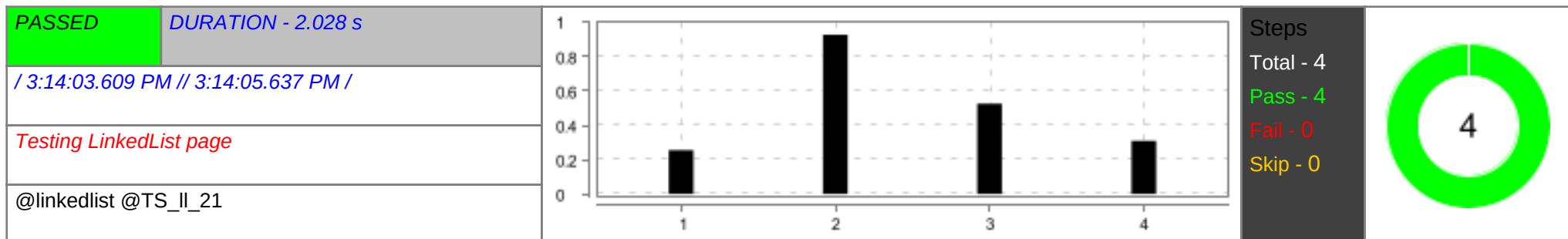
| # | Step / Hook Details | Status | Duration |
|---|---------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Linked List page" after logged in | PASSED | 0.229 s |
| 2 | When The user clicks the Traversal button | PASSED | 0.777 s |
| 3 | Then The user should be directed to "Traversal" of Linked List Page | PASSED | 0.059 s |

User navigated to tryEditor page with Run button from Traversal page



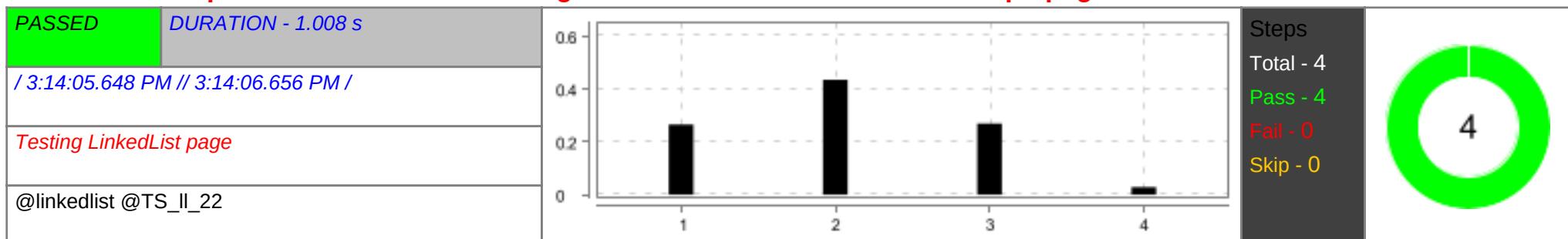
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Traversal" after logged in | PASSED | 0.264 s |
| 2 | When The user clicks "Try Here" button in the "traversal" page | PASSED | 0.933 s |
| 3 | Then The user should be redirected to a page having an tryEditor with a Run button to test | PASSED | 0.038 s |

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



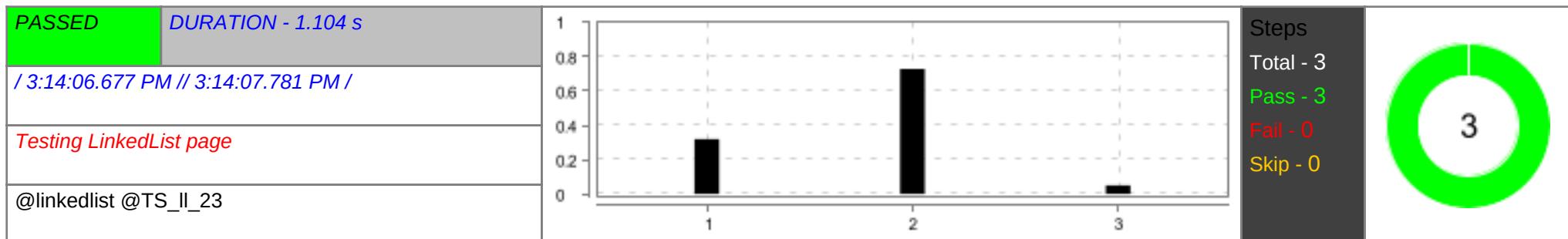
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.255 s |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.928 s |
| 3 | And clicks run button | PASSED | 0.527 s |
| 4 | Then The user is presented with the result after run button is clicked | PASSED | 0.309 s |

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



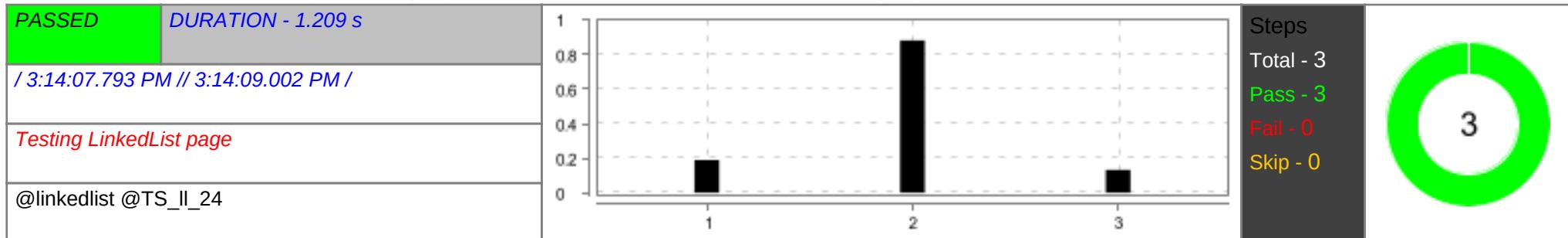
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.266 s |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1 | PASSED | 0.436 s |
| 3 | And clicks run button | PASSED | 0.270 s |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.029 s |

user navigated to "Insertion" page



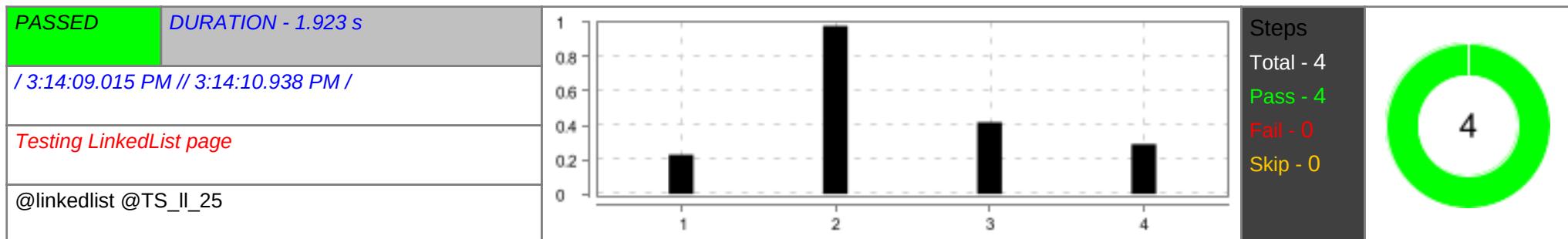
| # | Step / Hook Details | Status | Duration |
|---|---------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Linked List page" after logged in | PASSED | 0.320 s |
| 2 | When The user clicks the Insertion button | PASSED | 0.728 s |
| 3 | Then The user should be directed to "Insertion" of Linked List Page | PASSED | 0.050 s |

User navigated to tryEditor page with Run button from Insertion page



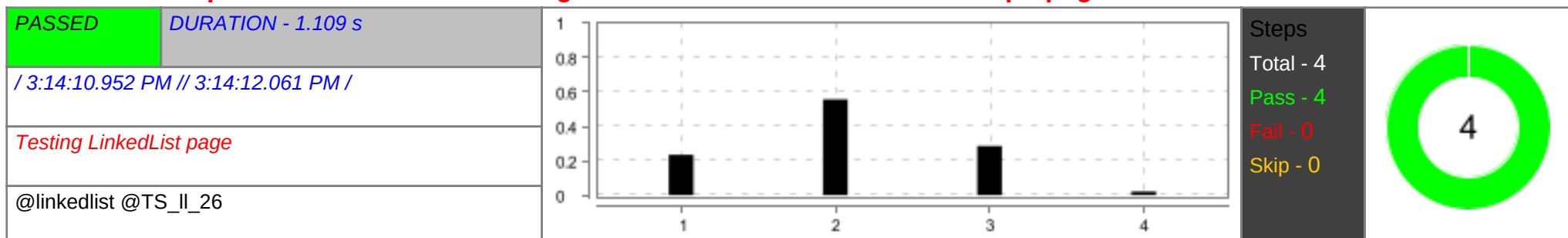
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Insertion" after logged in | PASSED | 0.189 s |
| 2 | When The user clicks "Try Here" button in the "Insertion" page | PASSED | 0.882 s |
| 3 | Then The user should be redirected to a page having an tryEditor with a Run button to test | PASSED | 0.132 s |

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



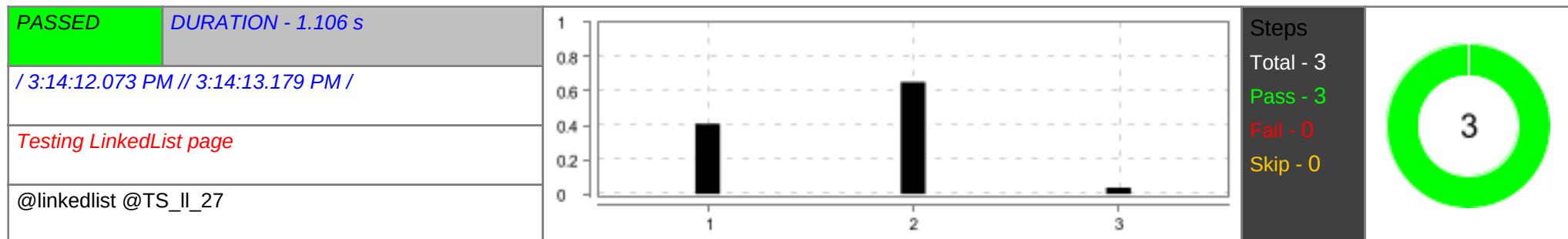
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.229 s |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.980 s |
| 3 | And clicks run button | PASSED | 0.418 s |
| 4 | Then The user is presented with the result after run button is clicked | PASSED | 0.290 s |

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



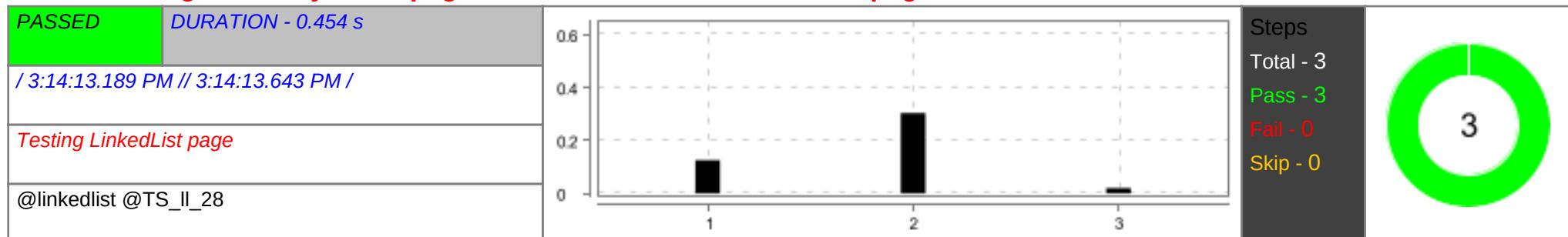
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.235 s |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1 | PASSED | 0.557 s |
| 3 | And clicks run button | PASSED | 0.286 s |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.021 s |

user navigated to "Deletion" page



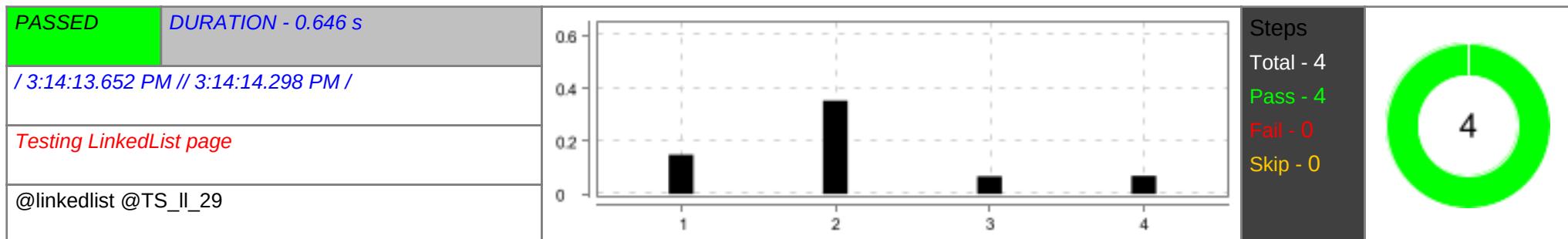
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Linked List page" after logged in | PASSED | 0.409 s |
| 2 | When The user clicks the Deletion button | PASSED | 0.652 s |
| 3 | Then The user should be directed to "Deletion" of Linked List Page | PASSED | 0.036 s |

User navigated to tryEditor page with Run button from Deletion page



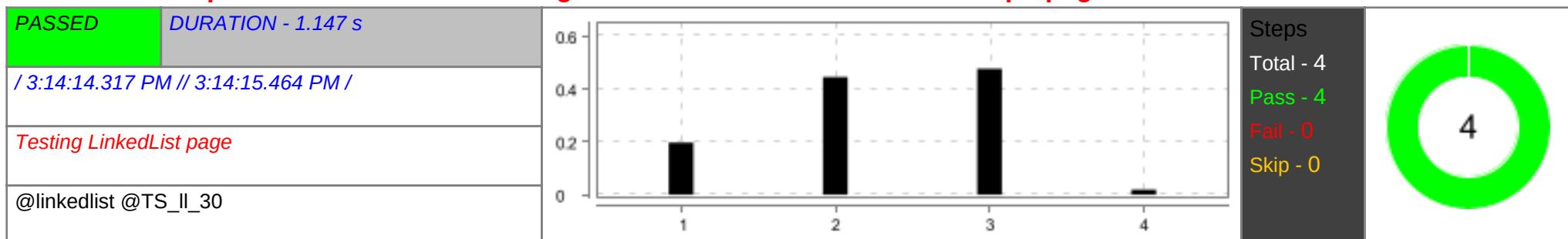
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Deletion" after logged in | PASSED | 0.126 s |
| 2 | When The user clicks "Try Here" button in the "Deletion" 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 | 0.020 s |

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



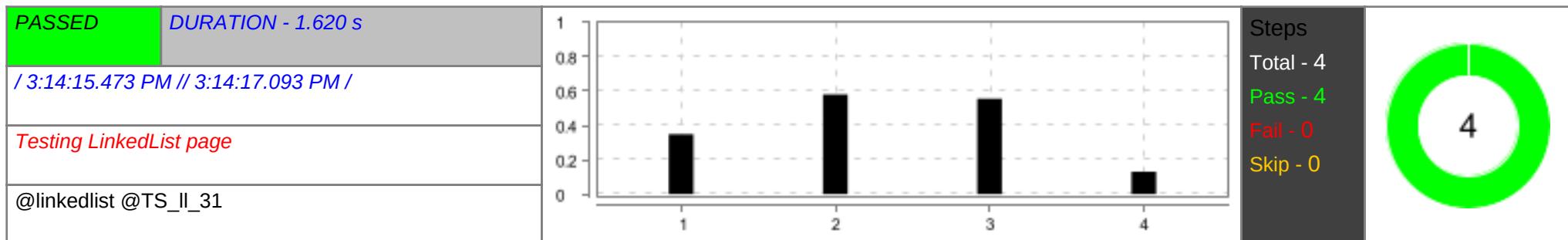
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.149 s |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.354 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 | 0.069 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 | 0.446 s |
| 3 | And clicks run button | PASSED | 0.477 s |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.019 s |

The user validating "Practice Questions" page

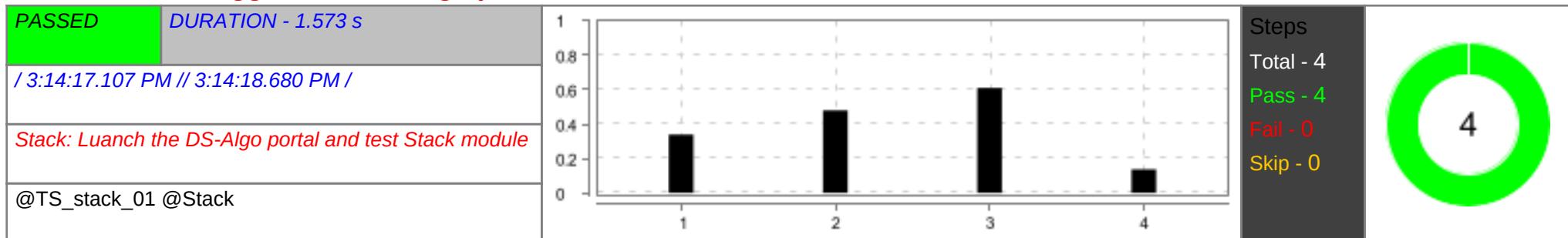


| # | Step / Hook Details | Status | Duration |
|---|----------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Linked List page" after logged in | PASSED | 0.349 s |
| 2 | When The user clicks Introduction link | PASSED | 0.580 s |
| 3 | And The user clicks on the Practice Questions | PASSED | 0.556 s |
| 4 | Then The user should be directed to Practice Questions of Linked List Page | PASSED | 0.130 s |

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



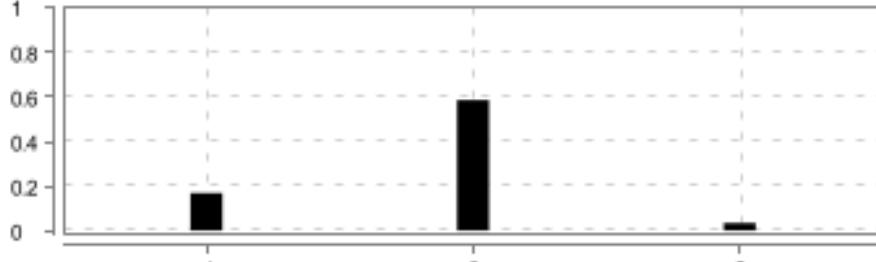
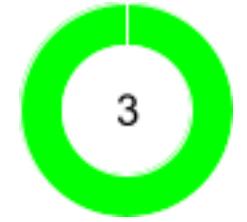
The user is logged in to DS Algo portal



| # | Step / Hook Details | Status | Duration |
|---|----------------------------------------------------|--------|----------|
| 1 | Given The user is on Signin page of DS Algo portal | PASSED | 0.339 s |

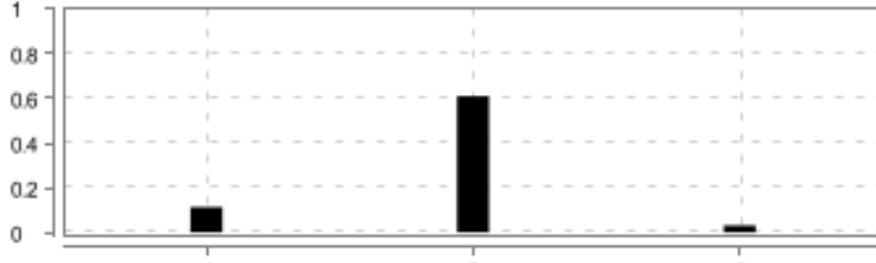
| # | Step / Hook Details | Status | Duration |
|---|---------------------------------------------------------------------|--------|----------|
| 2 | When The user enter valid "arhsquashers@gmail.com" and "Welcome12#" | PASSED | 0.479 s |
| 3 | And The user click on login button | PASSED | 0.610 s |
| 4 | Then The user redirected to homepage | PASSED | 0.136 s |

The user is directed to "Stack" Page

| | | | | |
|--------------------------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 0.794 s |  | Steps Total - 3 Pass - 3 Fail - 0 Skip - 0 |  |
| / 3:14:18.689 PM // 3:14:19.483 PM / | | | | |
| Stack: Luanch the DS-Algo portal and test Stack module | | | | |
| @TS_stack_02 @Stack | | | | |

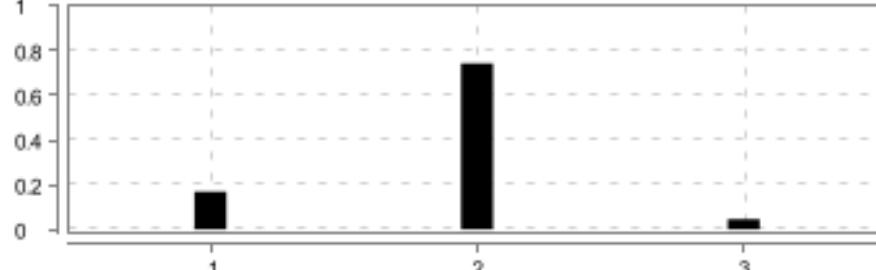
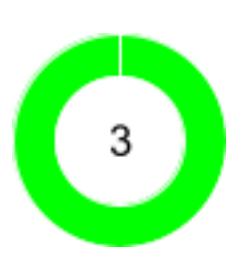
| # | Step / Hook Details | Status | Duration |
|---|----------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "home page" after logged in | PASSED | 0.169 s |
| 2 | When The user selects Stack item from the drop down menu | PASSED | 0.586 s |
| 3 | Then The user should be directed to "Stack" Page | PASSED | 0.034 s |

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

| | | | | |
|--------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------------------------------------|
| PASSED | DURATION - 0.760 s |  | Steps Total - 3 Pass - 3 Fail - 0 Skip - 0 |  |
| / 3:14:19.495 PM // 3:14:20.255 PM / | | | | |
| Stack: Luanch the DS-Algo portal and test Stack module | | | | |
| @TS_stack_03 @Stack | | | | |

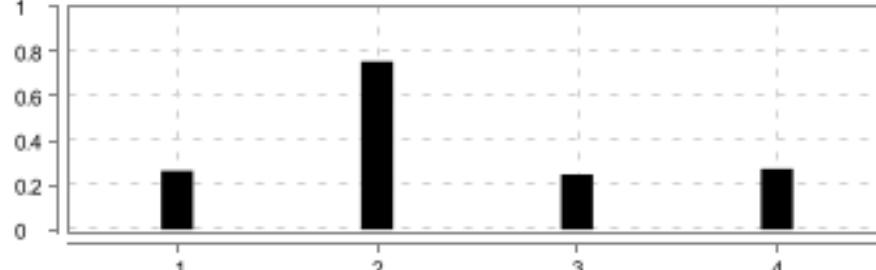
| # | Step / Hook Details | Status | Duration |
|---|---------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Stack page" after logged in | PASSED | 0.113 s |
| 2 | When The user clicks on the Operations in Stack link | PASSED | 0.610 s |
| 3 | Then The user should then be directed to "Operations in Stack" Page | PASSED | 0.031 s |

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

| | | | | |
|--------------------------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 0.964 s |  | Steps Total - 3 Pass - 3 Fail - 0 Skip - 0 |  |
| / 3:14:20.265 PM // 3:14:21.229 PM / | | | | |
| Stack: Luanch the DS-Algo portal and test Stack module | | | | |
| @TS_stack_04 @Stack | | | | |

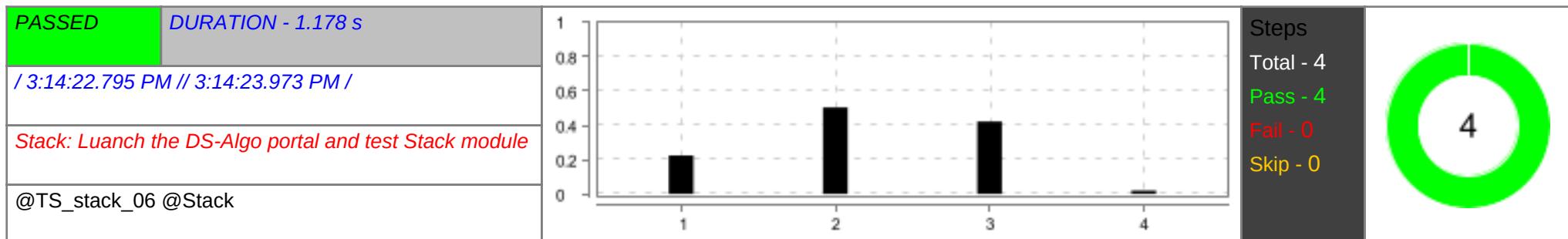
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Operations in Stack page" after logged in | PASSED | 0.169 s |
| 2 | When The user clicks "Try Here" button in "stack" page | PASSED | 0.744 s |
| 3 | Then The user should be redirected to a page having an tryEditor with a Run button to test | PASSED | 0.045 s |

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

| | | | | |
|--------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------------------------------------|
| PASSED | DURATION - 1.544 s |  | Steps Total - 4 Pass - 4 Fail - 0 Skip - 0 |  |
| / 3:14:21.241 PM // 3:14:22.785 PM / | | | | |
| Stack: Luanch the DS-Algo portal and test Stack module | | | | |
| @TS_stack_05 @Stack | | | | |

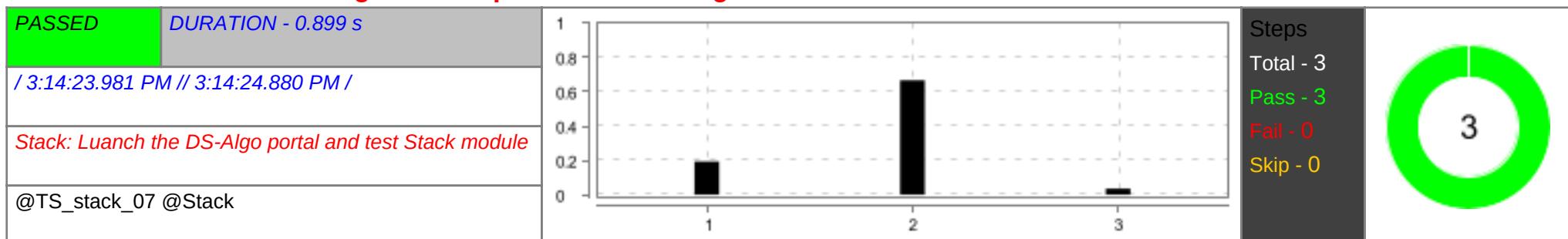
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.264 s |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.755 s |
| 3 | And clicks run button | PASSED | 0.248 s |
| 4 | Then The user is presented with the result after run button is clicked | PASSED | 0.273 s |

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



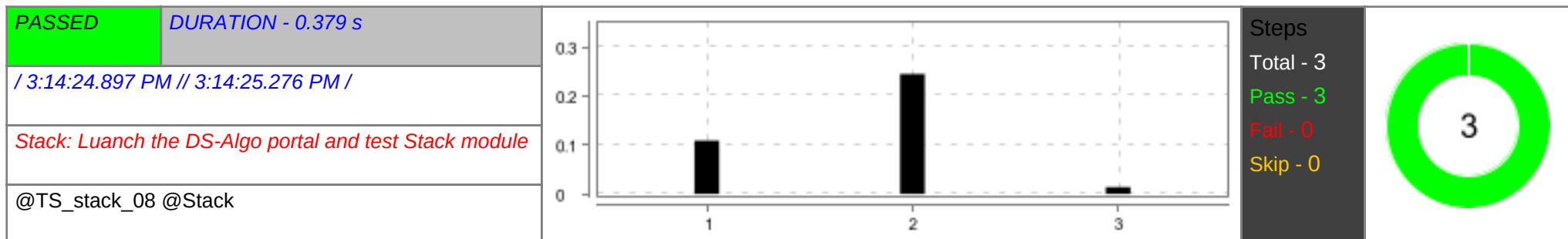
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.224 s |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1 | PASSED | 0.504 s |
| 3 | And clicks run button | PASSED | 0.423 s |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.019 s |

The user is able to navigate to "Implementation" Page



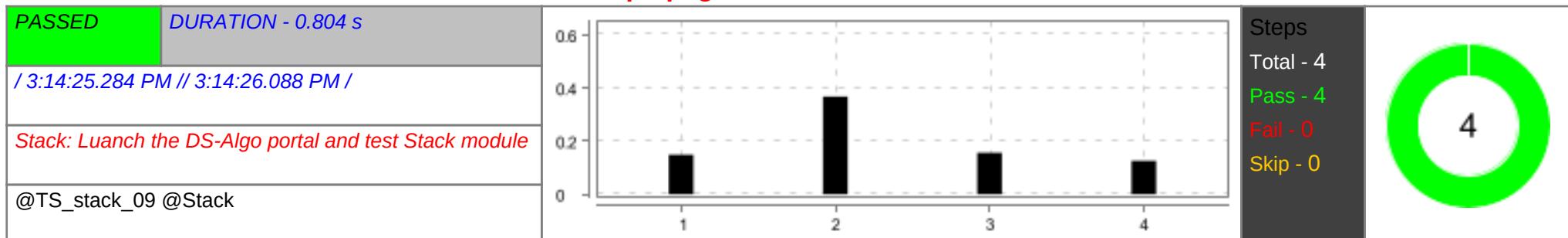
| # | Step / Hook Details | Status | Duration |
|---|---------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Stack page" after logged in | PASSED | 0.193 s |
| 2 | When The user clicks on the Implementation button | PASSED | 0.667 s |
| 3 | Then The user should be directed to Implementation Page | PASSED | 0.035 s |

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



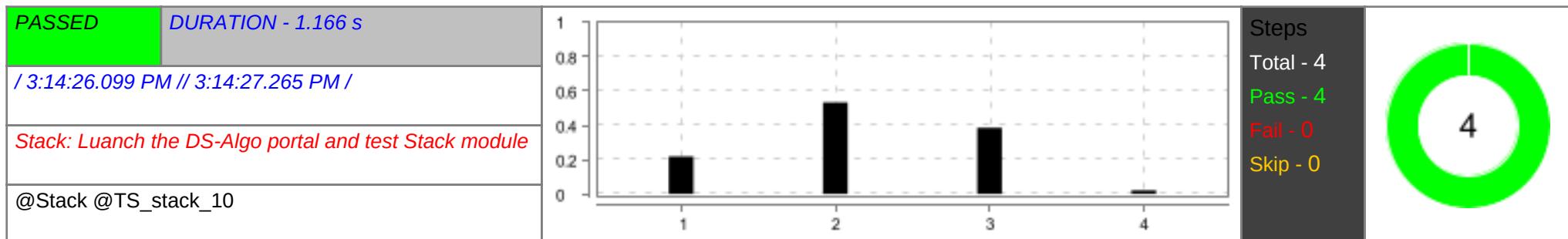
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Stack Implementation page" after logged in | PASSED | 0.109 s |
| 2 | When The user clicks "Try Here" button in "stack Implementation" 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 | 0.014 s |

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



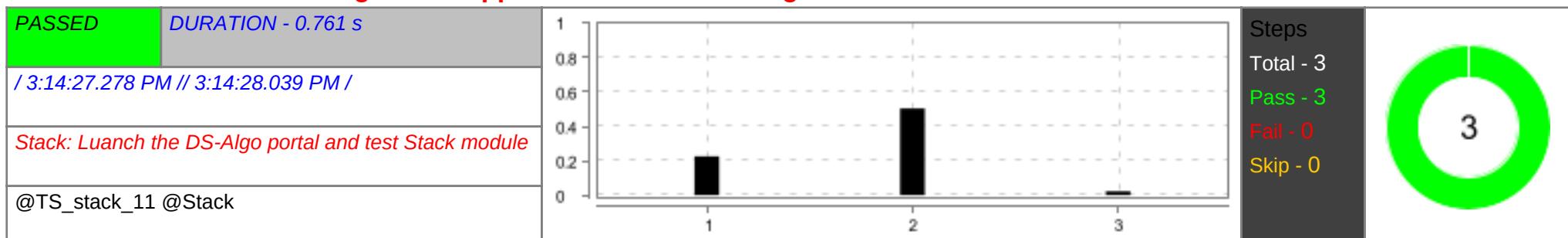
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.149 s |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.368 s |
| 3 | And clicks run button | PASSED | 0.156 s |
| 4 | Then The user is presented with the result after run button is clicked | PASSED | 0.126 s |

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



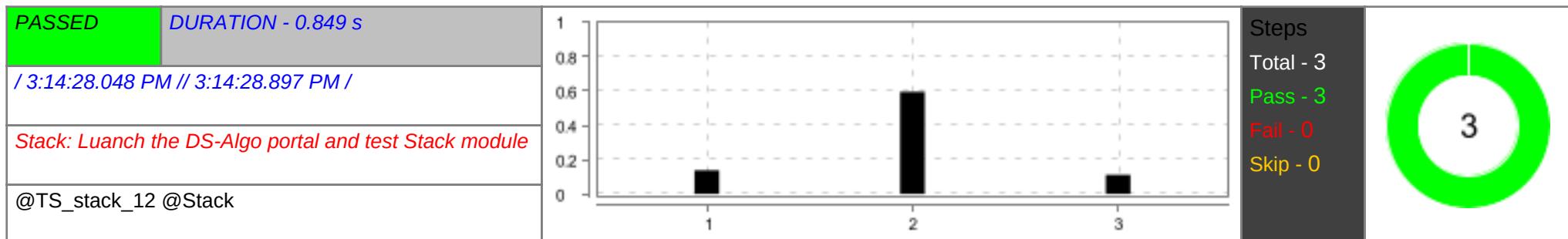
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.218 s |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1 | PASSED | 0.534 s |
| 3 | And clicks run button | PASSED | 0.386 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 "Applications" in stack Page



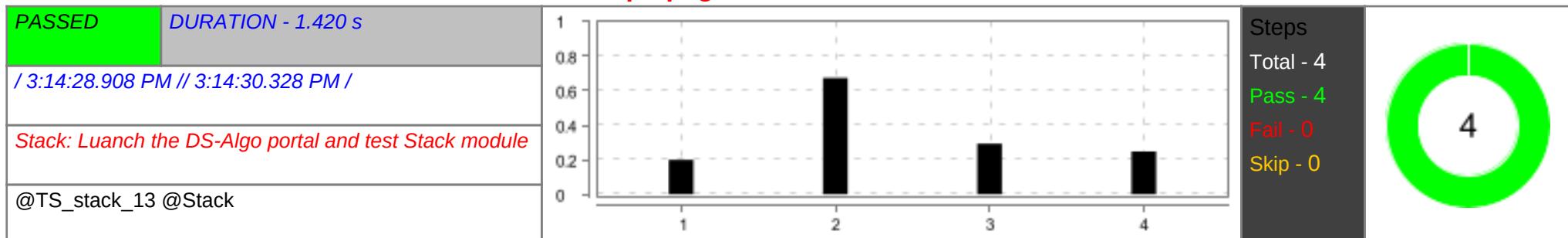
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Stackpage" after logged in | PASSED | 0.226 s |
| 2 | When The user clicks on the Applications button | PASSED | 0.505 s |
| 3 | Then The user should be directed to Applications Page | PASSED | 0.022 s |

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



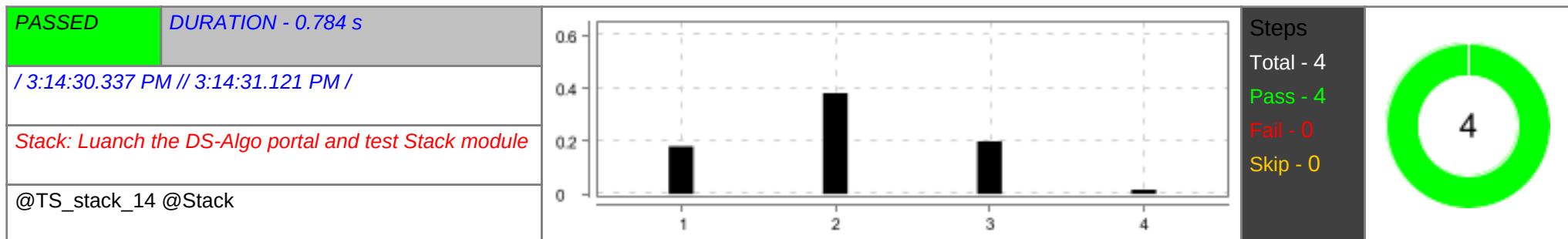
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Application stack page" after logged in | PASSED | 0.138 s |
| 2 | When The user clicks "Try Here" button in "stack Applications" page | PASSED | 0.596 s |
| 3 | Then The user should be redirected to a page having an tryEditor with a Run button to test | PASSED | 0.111 s |

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



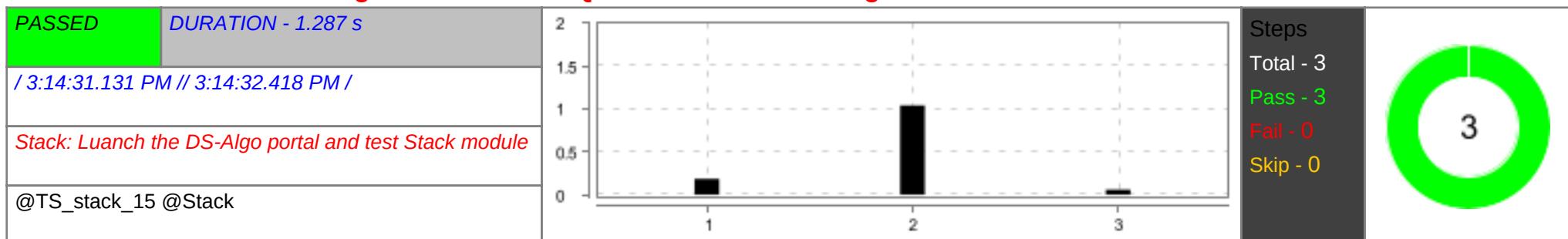
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.200 s |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.675 s |
| 3 | And clicks run button | PASSED | 0.293 s |
| 4 | Then The user is presented with the result after run button is clicked | PASSED | 0.248 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 | 0.382 s |
| 3 | And clicks run button | PASSED | 0.199 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 "Practice Questions" in stack Page

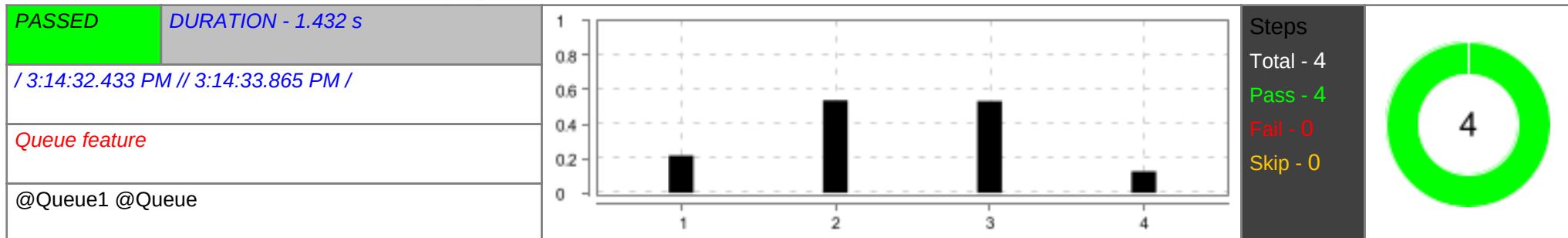


| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Stack page" after logged in | PASSED | 0.185 s |
| 2 | When The user clicks on the Practice Questions button | PASSED | 1.040 s |
| 3 | Then The user should be directed to Practice Questions Page | PASSED | 0.059 s |

Queue feature

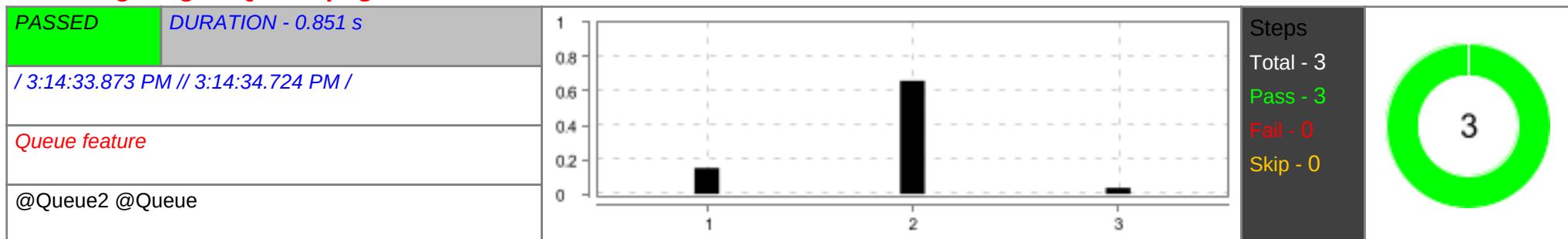


The user is logged in to DS Algo portal



| # | Step / Hook Details | Status | Duration |
|---|----------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on Signin page of DS Algo portal | PASSED | 0.217 s |
| 2 | When The user enter valid "arshsquashers@gmail.com" and "Welcome12#" | PASSED | 0.538 s |
| 3 | And The user click on login button | PASSED | 0.534 s |
| 4 | Then The user redirected to homepage | PASSED | 0.125 s |

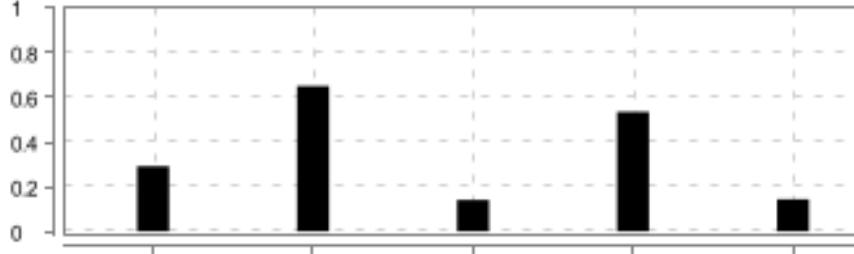
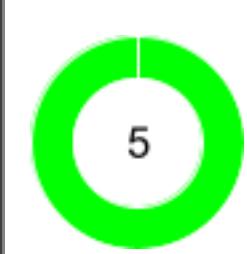
Navigating to Queue page



| # | Step / Hook Details | Status | Duration |
|---|------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "home page" after logged in | PASSED | 0.151 s |

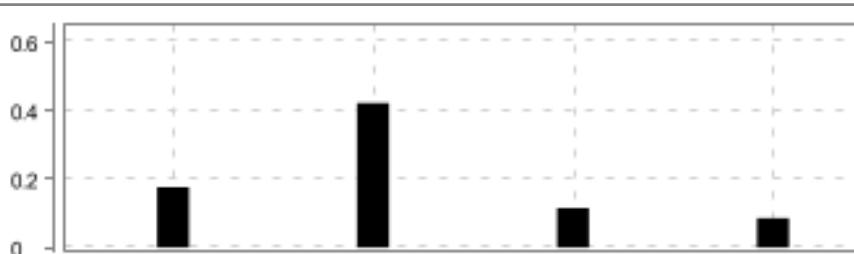
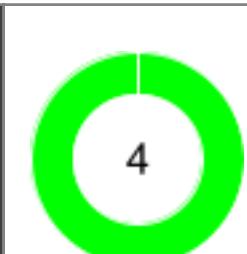
| # | Step / Hook Details | Status | Duration |
|---|------------------------------------------------------------|--------|----------|
| 2 | When The user clicks on the Get Started button below Array | PASSED | 0.660 s |
| 3 | Then The user is redirected to "Queue" Page | PASSED | 0.035 s |

Navigating Implementation of Queue in Python page

| | | | | |
|--------------------------------------|--------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 1.771 s |  | Steps Total - 5 Pass - 5 Fail - 0 Skip - 0 |  |
| / 3:14:34.735 PM // 3:14:36.506 PM / | | | | |
| Queue feature | | | | |
| @Queue3 @Queue | | | | |

| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in "Queue" page | PASSED | 0.292 s |
| 2 | When The user clicks Implementation of Queue in Python link | PASSED | 0.651 s |
| 3 | Then The user is redirected to "Implementation of Queue in Python" page | PASSED | 0.141 s |
| 4 | When The user clicks the Try here link | PASSED | 0.535 s |
| 5 | Then The user is redirected to "Try Editor" page | PASSED | 0.144 s |

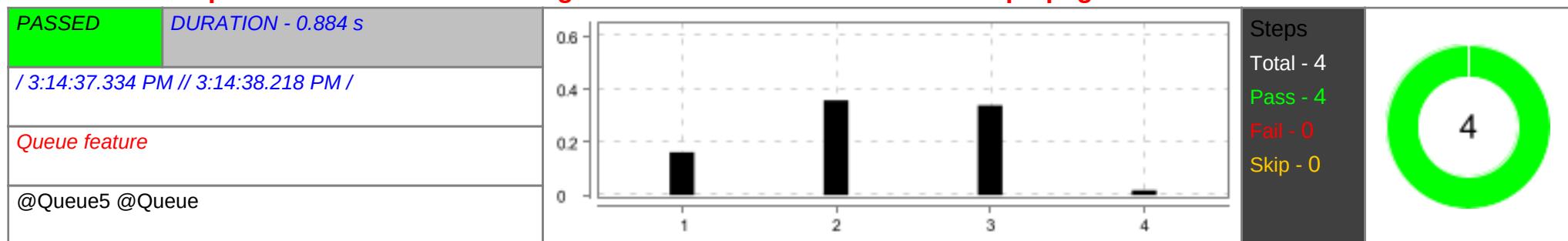
The user is able to run code in Editor for Graph page

| | | | | |
|--------------------------------------|--------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------|--------------------------------------------------------------------------------------|
| PASSED | DURATION - 0.810 s |  | Steps Total - 4 Pass - 4 Fail - 0 Skip - 0 |  |
| / 3:14:36.514 PM // 3:14:37.324 PM / | | | | |
| Queue feature | | | | |
| @Queue4 @Queue | | | | |

| # | 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 valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.422 s |
| 3 | And clicks run button | PASSED | 0.115 s |

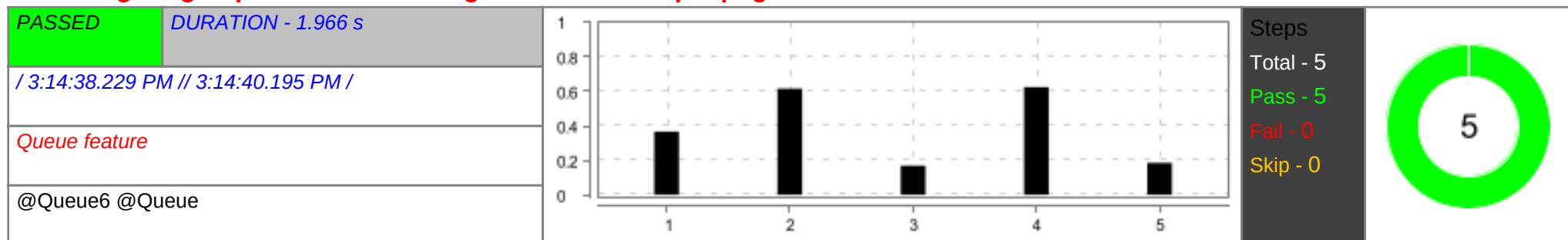
| # | Step / Hook Details | Status | Duration |
|---|------------------------------------------------------------------------|--------|----------|
| 4 | Then The user is presented with the result after run button is clicked | PASSED | 0.086 s |

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



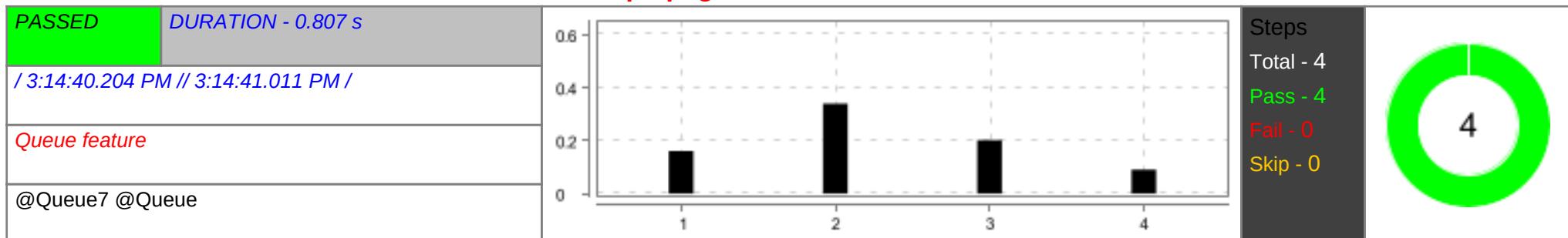
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.162 s |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1 | PASSED | 0.358 s |
| 3 | And clicks run button | PASSED | 0.339 s |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.018 s |

Navigating Implementation using collections.deque page



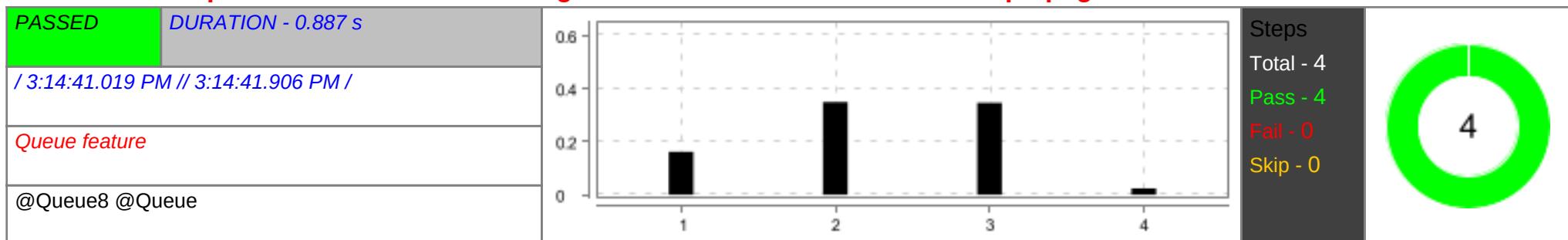
| # | Step / Hook Details | Status | Duration |
|---|------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in "Queue" page | PASSED | 0.366 s |
| 2 | When The user clicks Implementation using collections.deque link | PASSED | 0.616 s |
| 3 | Then The user is redirected to "Implementation using collections.deque" page | PASSED | 0.169 s |
| 4 | When The user clicks the Try here link | PASSED | 0.625 s |
| 5 | Then The user is redirected to "Try Editor" page | PASSED | 0.185 s |

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



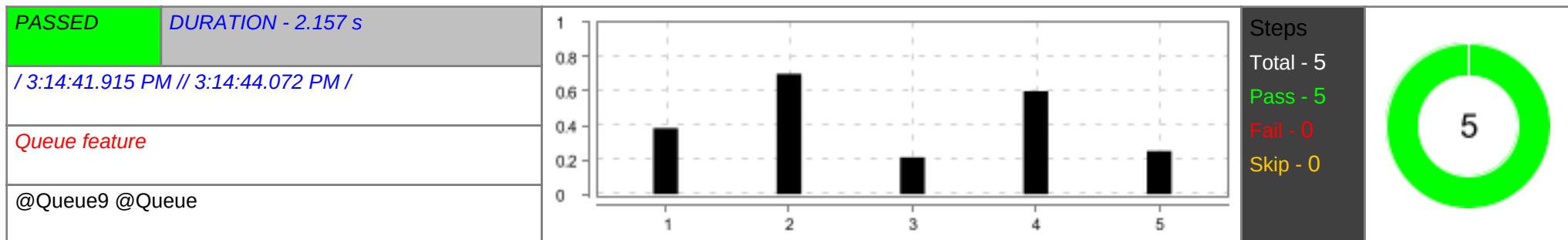
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.161 s |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.340 s |
| 3 | And clicks run button | PASSED | 0.202 s |
| 4 | Then The user is presented with the result after run button is clicked | PASSED | 0.091 s |

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



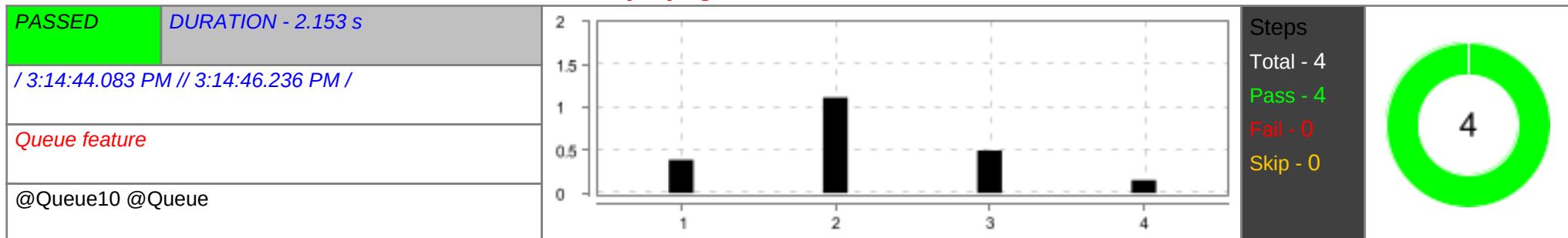
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.162 s |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1 | PASSED | 0.350 s |
| 3 | And clicks run button | PASSED | 0.347 s |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.024 s |

Navigating Implementation using array page



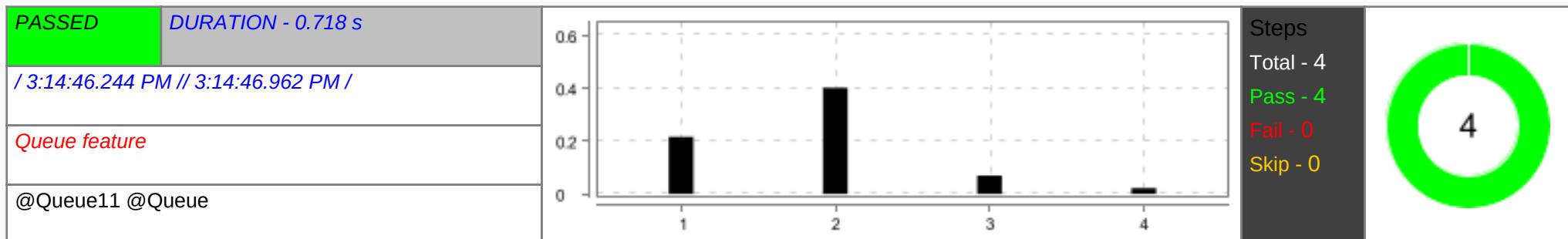
| # | Step / Hook Details | Status | Duration |
|---|------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in "Queue" page | PASSED | 0.384 s |
| 2 | When The user clicks Implementation using array link | PASSED | 0.701 s |
| 3 | Then The user is redirected to "Implementation using array" page | PASSED | 0.214 s |
| 4 | When The user clicks the Try here link | PASSED | 0.600 s |
| 5 | Then The user is redirected to "Try Editor" page | PASSED | 0.251 s |

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



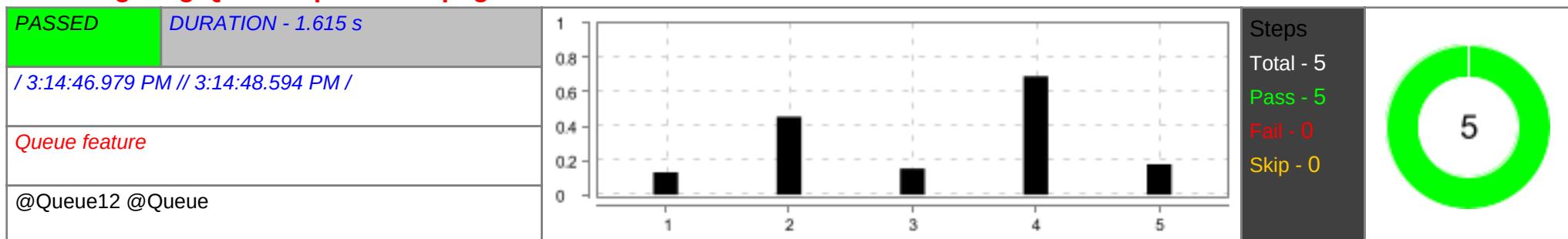
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.388 s |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 1.113 s |
| 3 | And clicks run button | PASSED | 0.497 s |
| 4 | Then The user is presented with the result after run button is clicked | PASSED | 0.149 s |

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



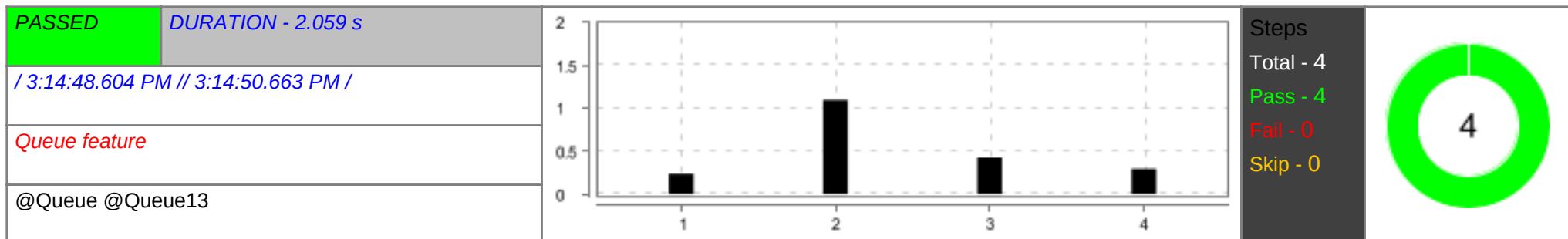
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.216 s |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1 | PASSED | 0.402 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 | 0.022 s |

Navigating Queue Operations page



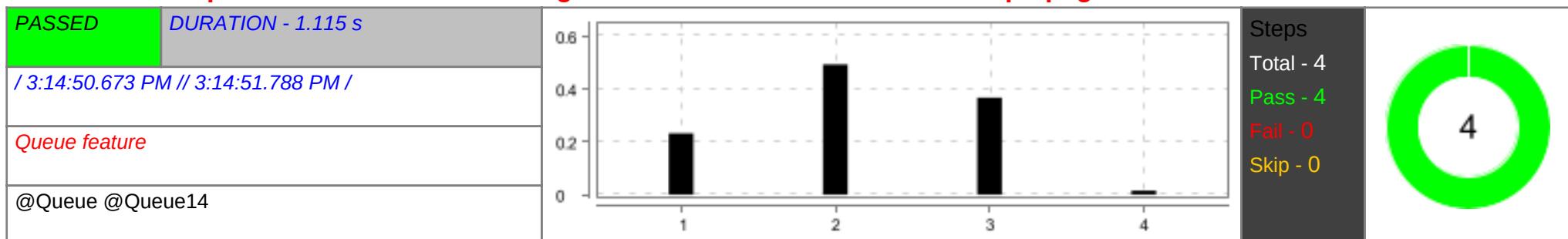
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------|--------|----------|
| 1 | Given The user is in "Queue" page | PASSED | 0.131 s |
| 2 | When The user clicks Queue Operations link | PASSED | 0.455 s |
| 3 | Then The user is redirected to "Queue Operations" page | PASSED | 0.152 s |
| 4 | When The user clicks the Try here link | PASSED | 0.691 s |
| 5 | Then The user is redirected to "Try Editor" page | PASSED | 0.178 s |

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



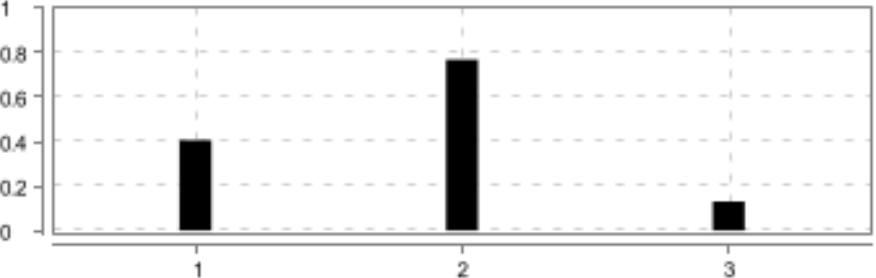
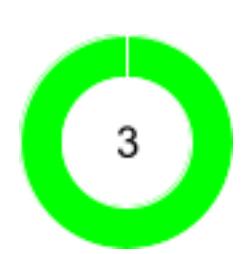
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.235 s |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 1.098 s |
| 3 | And clicks run button | PASSED | 0.426 s |
| 4 | Then The user is presented with the result after run button is clicked | PASSED | 0.294 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 | 0.233 s |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1 | PASSED | 0.494 s |
| 3 | And clicks run button | PASSED | 0.368 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 click and navigate to Practice Questions

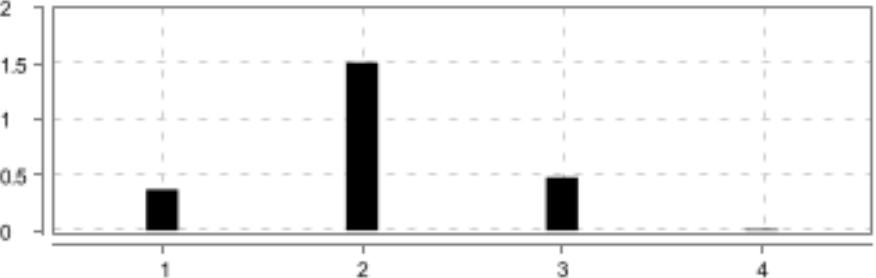
| | | | | |
|--------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 1.309 s |  | Steps Total - 3 Pass - 3 Fail - 0 Skip - 0 |  |
| / 3:14:51.796 PM // 3:14:53.105 PM / | | | | |
| Queue feature | | | | |
| @Queue15 @Queue | | | | |

| # | Step / Hook Details | Status | Duration |
|---|----------------------------------------------------------------|--------|----------|
| 1 | Given The user is in "Implementation of Queue in Python" page | PASSED | 0.406 s |
| 2 | When The user clicks Practice Questions link | PASSED | 0.768 s |
| 3 | Then The user is redirected to "Practice Questions Queue" page | PASSED | 0.130 s |

User tests the Tree page on the Ds algo application

| | | | | | |
|--------------------------------------|---------------------|--------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 47.056 s | Scenarios Total - 55 Pass - 55 Fail - 0 Skip - 0 |  | Steps Total - 193 Pass - 193 Fail - 0 Skip - 0 |  |
| / 3:14:53.139 PM // 3:15:40.195 PM / | | | | | |

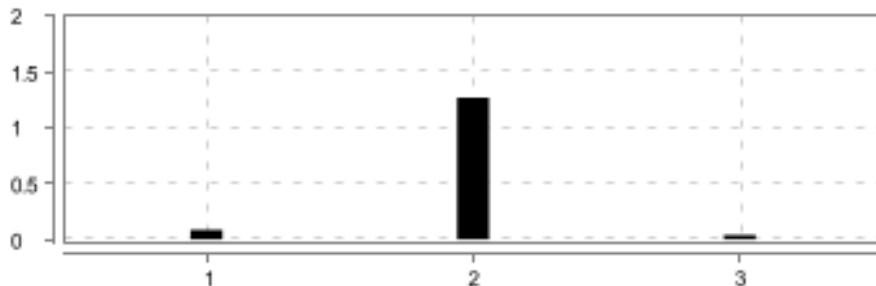
The user is logged in to DS Algo portal

| | | | | |
|-----------------------------------------------------|--------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------------------------------------|
| PASSED | DURATION - 2.394 s |  | Steps Total - 4 Pass - 4 Fail - 0 Skip - 0 |  |
| / 3:14:53.139 PM // 3:14:55.533 PM / | | | | |
| User tests the Tree page on the Ds algo application | | | | |
| @tree @TreeScenario_01 | | | | |

| # | Step / Hook Details | Status | Duration |
|---|----------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on Signin page of DS Algo portal | PASSED | 0.370 s |
| 2 | When The user enter valid "arshsquashers@gmail.com" and "Welcome12#" | PASSED | 1.509 s |

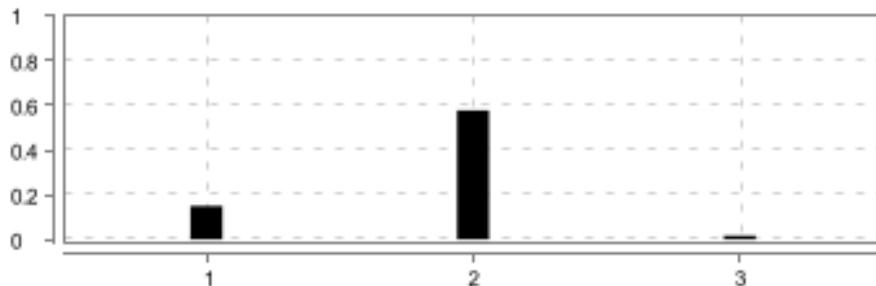
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------|--------|----------|
| 3 | And The user click on login button | PASSED | 0.477 s |
| 4 | Then The user redirected to homepage | PASSED | 0.013 s |

The user is directed to "Tree" Page

| | | | | |
|-----------------------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 1.399 s |  | Steps Total - 3 Pass - 3 Fail - 0 Skip - 0 |  |
| / 3:14:55.544 PM // 3:14:56.943 PM / | | | | |
| User tests the Tree page on the Ds algo application | | | | |
| @tree @TreeScenario_02 | | | | |

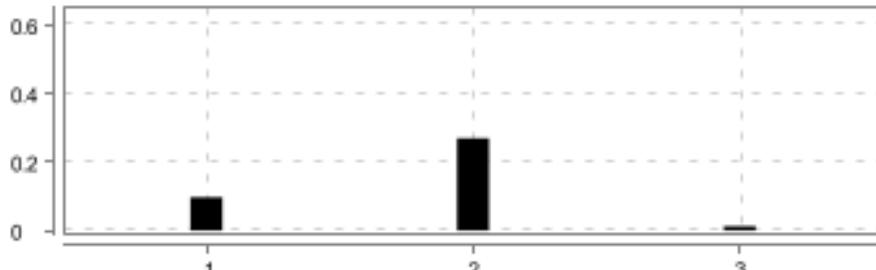
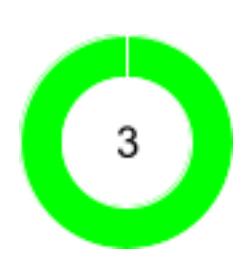
| # | Step / Hook Details | Status | Duration |
|---|---------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "home page" after logged in | PASSED | 0.085 s |
| 2 | When The user selects Tree item from the drop down menu | PASSED | 1.270 s |
| 3 | Then The user should be directed to the "Tree" Page | PASSED | 0.037 s |

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

| | | | | |
|-----------------------------------------------------|--------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------------------------------------|
| PASSED | DURATION - 0.748 s |  | Steps Total - 3 Pass - 3 Fail - 0 Skip - 0 |  |
| / 3:14:56.953 PM // 3:14:57.701 PM / | | | | |
| User tests the Tree page on the Ds algo application | | | | |
| @tree @TreeScenario_03 | | | | |

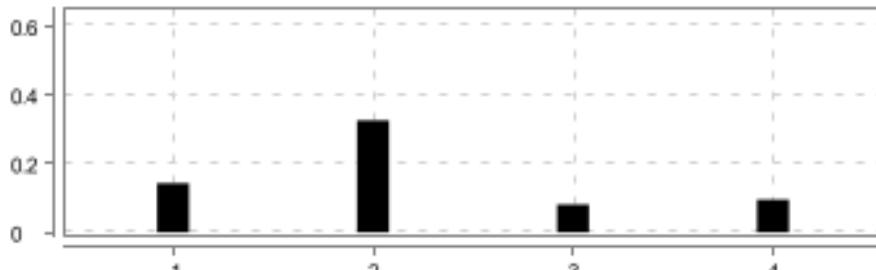
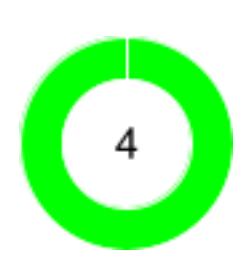
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Tree page" after logged in | PASSED | 0.149 s |
| 2 | When The user clicks on the Overview of Trees link | PASSED | 0.577 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 - 0.385 s |  | Steps Total - 3 Pass - 3 Fail - 0 Skip - 0 |  |
| / 3:14:57.711 PM // 3:14:58.096 PM / | | | | |
| User tests the Tree page on the Ds algo application | | | | |
| @TreeScenario_04 @tree | | | | |

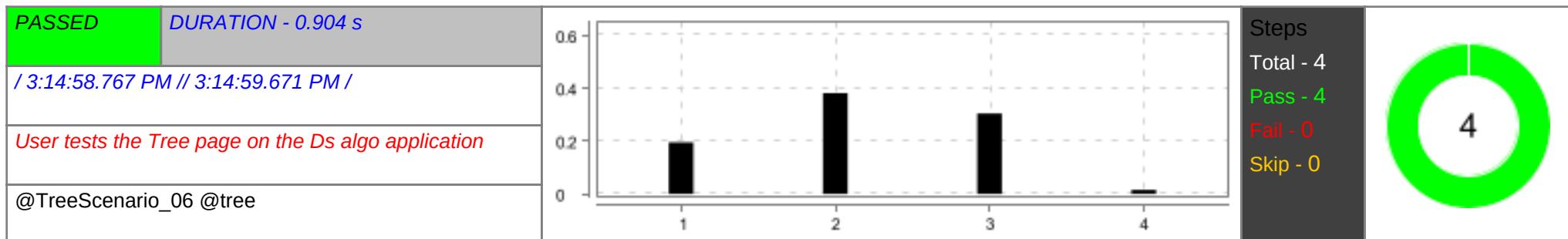
| # | Step / Hook Details | Status | Duration |
|---|-----------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "overview of trees" after logged in | PASSED | 0.097 s |
| 2 | When The user clicks "Try Here" button in a "tree" page | PASSED | 0.270 s |
| 3 | Then The user should be redirected to a page having tryEditor with a Run button to test | PASSED | 0.012 s |

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

| | | | | |
|-----------------------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 0.651 s |  | Steps Total - 4 Pass - 4 Fail - 0 Skip - 0 |  |
| / 3:14:58.106 PM // 3:14:58.757 PM / | | | | |
| User tests the Tree page on the Ds algo application | | | | |
| @TreeScenario_05 @tree | | | | |

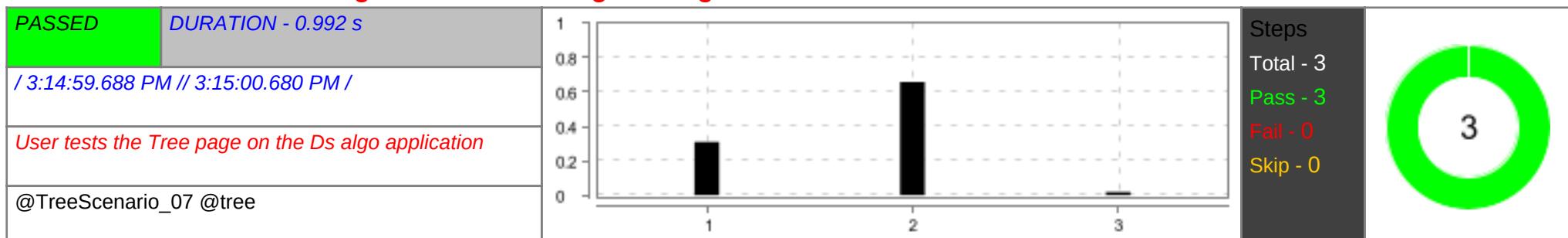
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.143 s |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.326 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 | 0.095 s |

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



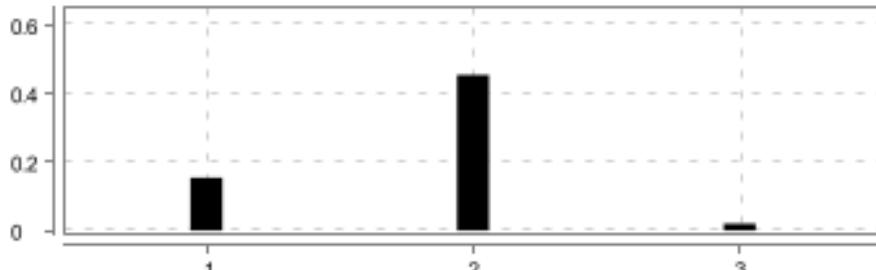
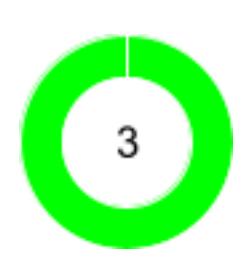
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.195 s |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1 | PASSED | 0.382 s |
| 3 | And clicks run button | PASSED | 0.305 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 "Terminologies" Page



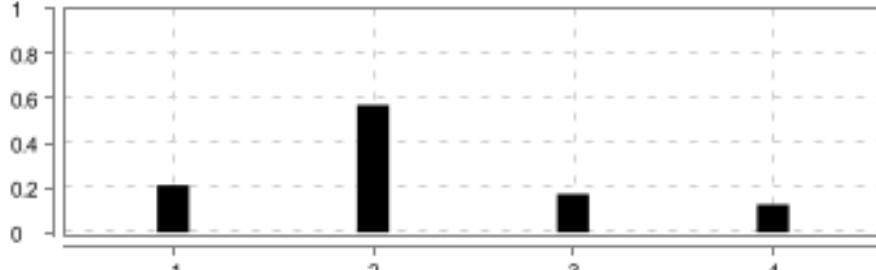
| # | Step / Hook Details | Status | Duration |
|---|----------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Tree page" after logged in | PASSED | 0.309 s |
| 2 | When The user clicks on the Terminologies button | PASSED | 0.659 s |
| 3 | Then The user should be directed to the "Terminologies" of tree Page | PASSED | 0.017 s |

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

| | | | | |
|-----------------------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 0.635 s |  | Steps Total - 3 Pass - 3 Fail - 0 Skip - 0 |  |
| / 3:15:00.690 PM // 3:15:01.325 PM / | | | | |
| User tests the Tree page on the Ds algo application | | | | |
| @TreeScenario_08 @tree | | | | |

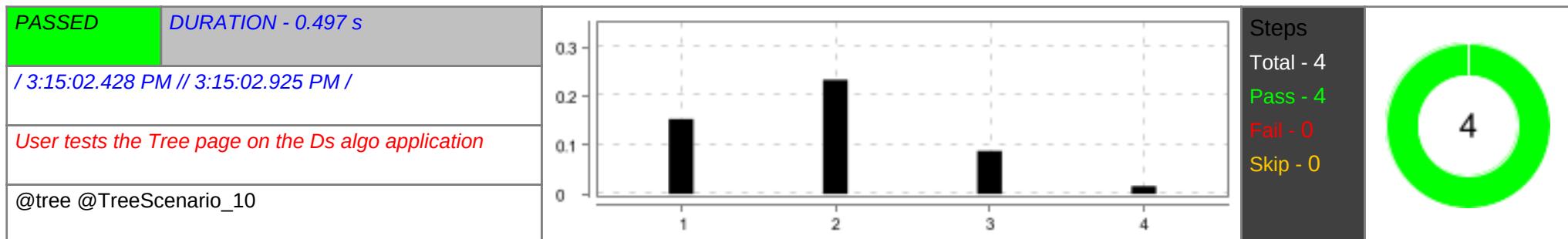
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "terminologies page" after logged in | PASSED | 0.154 s |
| 2 | When The user clicks "Try Here" button in a "Terminologies" page | PASSED | 0.455 s |
| 3 | Then The user should be redirected to a page having an tryEditor with a Run button to test | PASSED | 0.020 s |

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

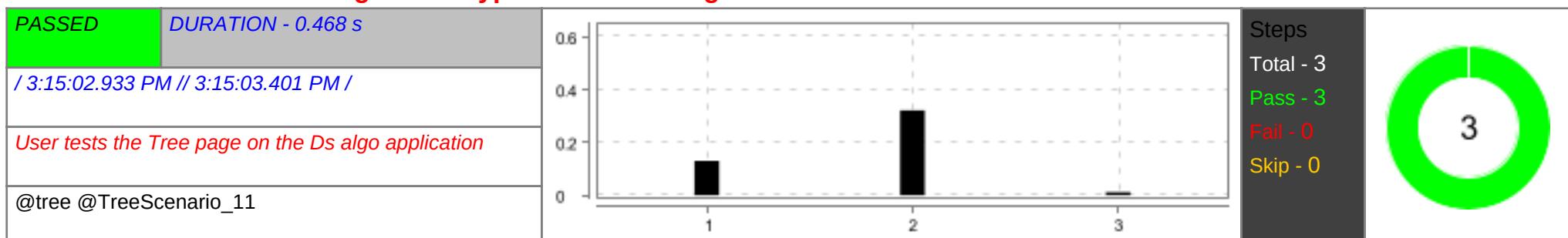
| | | | | |
|-----------------------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 1.085 s |  | Steps Total - 4 Pass - 4 Fail - 0 Skip - 0 |  |
| / 3:15:01.335 PM // 3:15:02.420 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 | 0.211 s |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.571 s |
| 3 | And clicks run button | PASSED | 0.172 s |
| 4 | Then The user is presented with the result after run button is clicked | PASSED | 0.124 s |

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

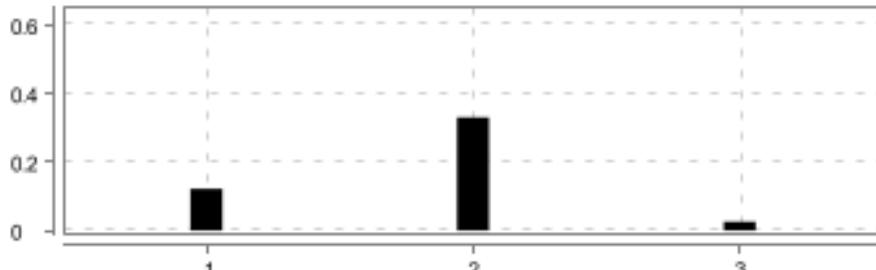
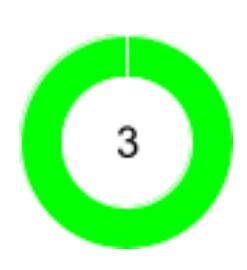
**Step / Hook Details**

| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.153 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 | 0.088 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**

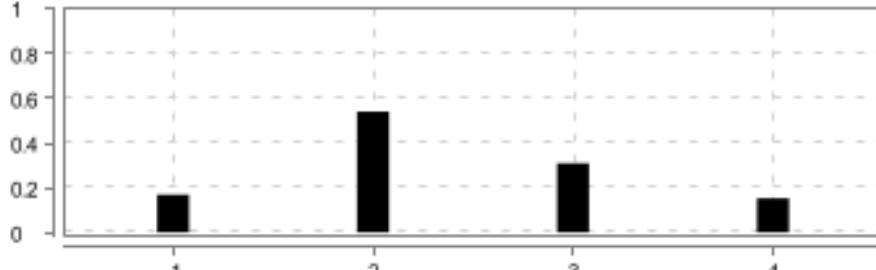
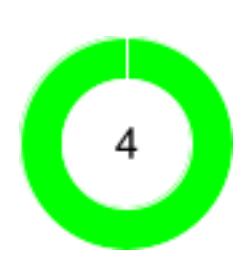
| # | Step / Hook Details | Status | Duration |
|---|-----------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Tree page" after logged in | PASSED | 0.131 s |
| 2 | When The user clicks on the Types of Trees button | PASSED | 0.322 s |
| 3 | Then The user should be directed to the "Types of Trees" of tree Page | PASSED | 0.011 s |

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

| | | | | |
|-----------------------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 0.483 s |  | Steps Total - 3 Pass - 3 Fail - 0 Skip - 0 |  |
| / 3:15:03.411 PM // 3:15:03.894 PM / | | | | |
| User tests the Tree page on the Ds algo application | | | | |
| @tree @TreeScenario_12 | | | | |

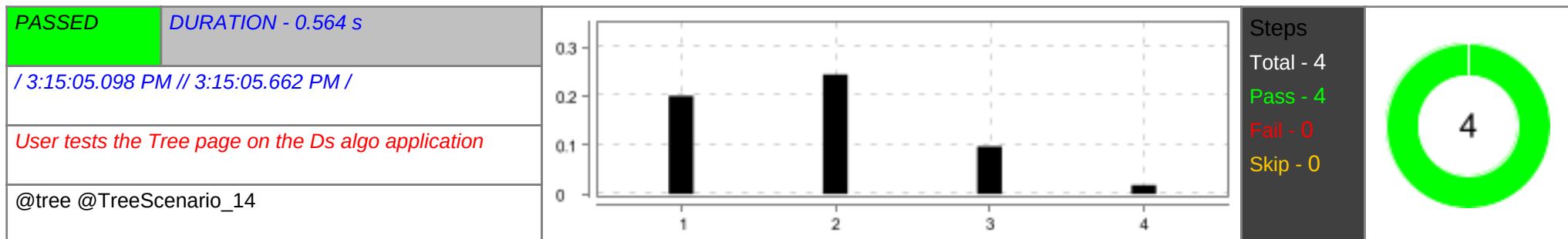
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "types of trees" after logged in | PASSED | 0.122 s |
| 2 | When The user clicks "Try Here" button in a "types of tree" page | PASSED | 0.331 s |
| 3 | Then The user should be redirected to a page having an tryEditor with a Run button to test | PASSED | 0.026 s |

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

| | | | | |
|-----------------------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 1.180 s |  | Steps Total - 4 Pass - 4 Fail - 0 Skip - 0 |  |
| / 3:15:03.910 PM // 3:15:05.090 PM / | | | | |
| User tests the Tree page on the Ds algo application | | | | |
| @tree @TreeScenario_13 | | | | |

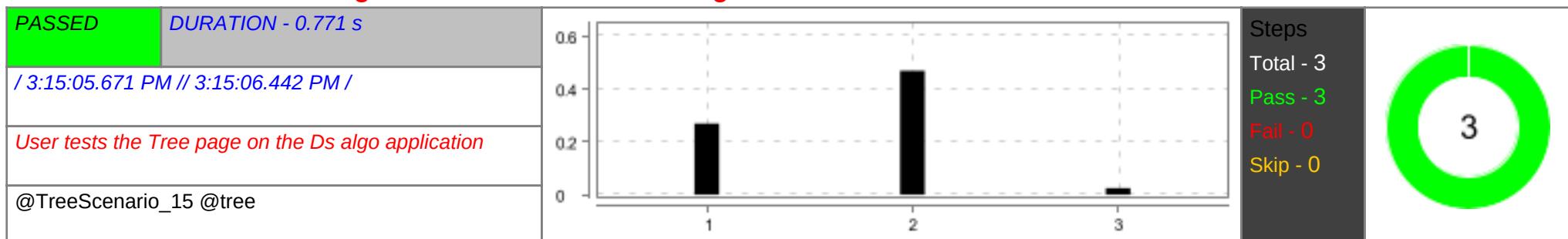
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.169 s |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.541 s |
| 3 | And clicks run button | PASSED | 0.310 s |
| 4 | Then The user is presented with the result after run button is clicked | PASSED | 0.152 s |

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



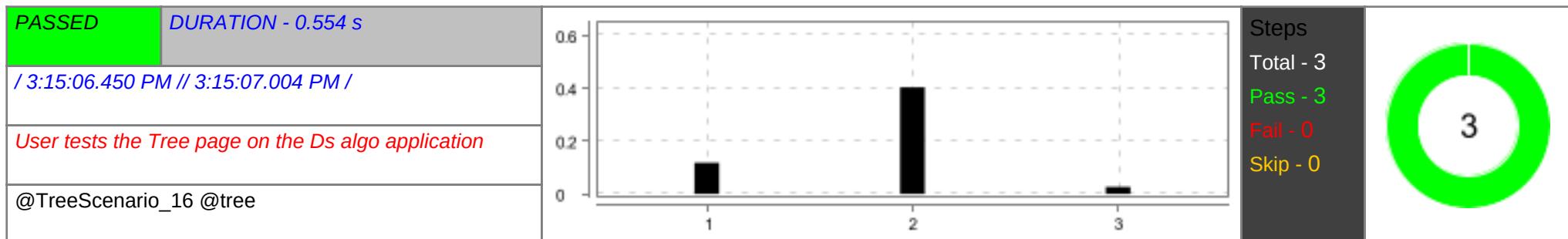
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.200 s |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1 | PASSED | 0.244 s |
| 3 | And clicks run button | PASSED | 0.097 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 "Tree Traversals" Page



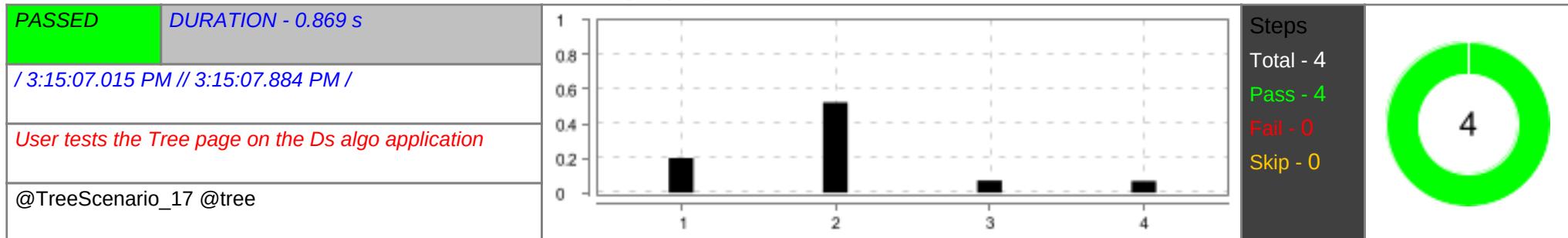
| # | Step / Hook Details | Status | Duration |
|---|------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Tree page" after logged in | PASSED | 0.270 s |
| 2 | When The user clicks on the Tree Traversals button | PASSED | 0.470 s |
| 3 | Then The user should be directed to the "Tree Traversals" of tree Page | PASSED | 0.025 s |

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



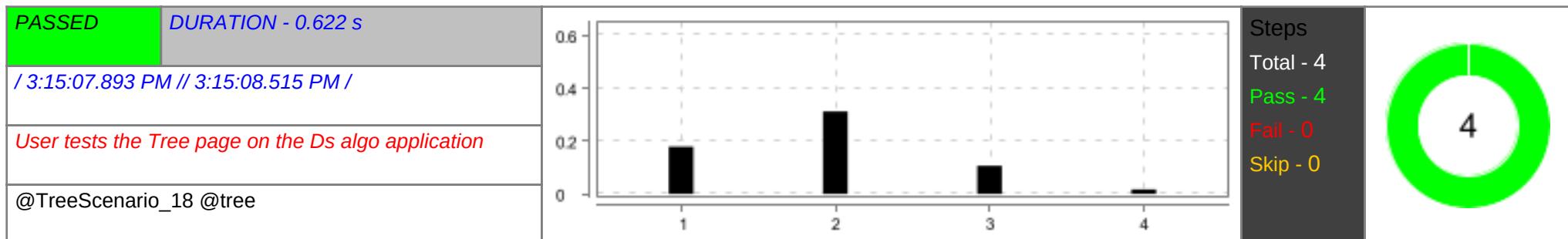
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "tree traversals" after logged in | PASSED | 0.118 s |
| 2 | When The user clicks "Try Here" button in a "tree traversals" page | PASSED | 0.404 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



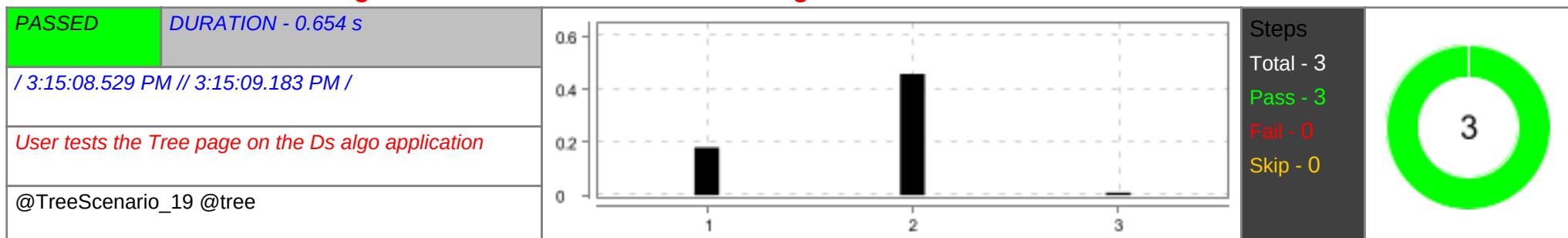
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.201 s |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.524 s |
| 3 | And clicks run button | PASSED | 0.071 s |
| 4 | Then The user is presented with the result after run button is clicked | PASSED | 0.068 s |

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



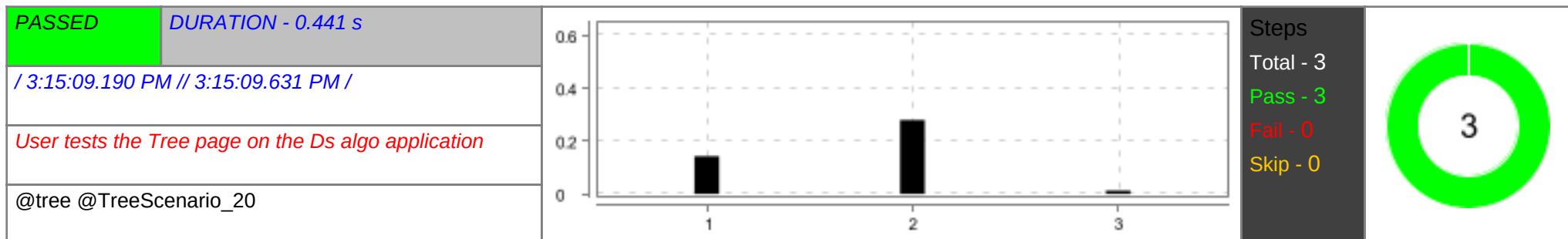
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.179 s |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1 | PASSED | 0.313 s |
| 3 | And clicks run button | PASSED | 0.107 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 navigate to "Traversals illustration" Page



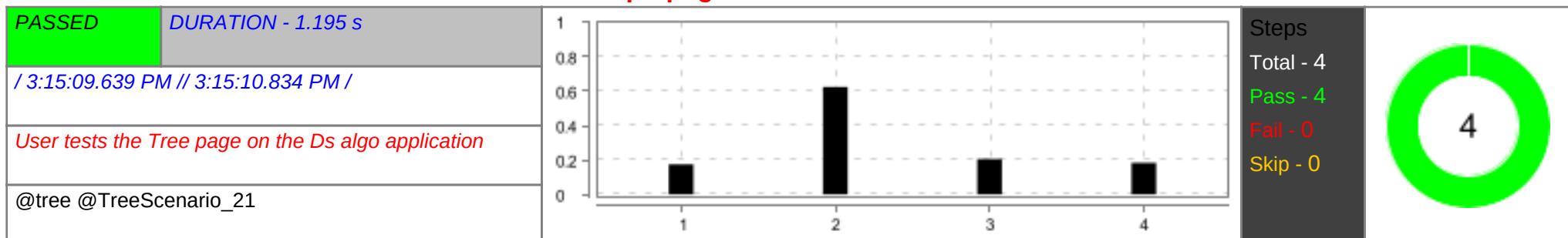
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Tree page" after logged in | PASSED | 0.180 s |
| 2 | When The user clicks on the Traversal illustration button | PASSED | 0.458 s |
| 3 | Then The user should be directed to the "Traversals-Illustration" of tree Page | PASSED | 0.010 s |

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



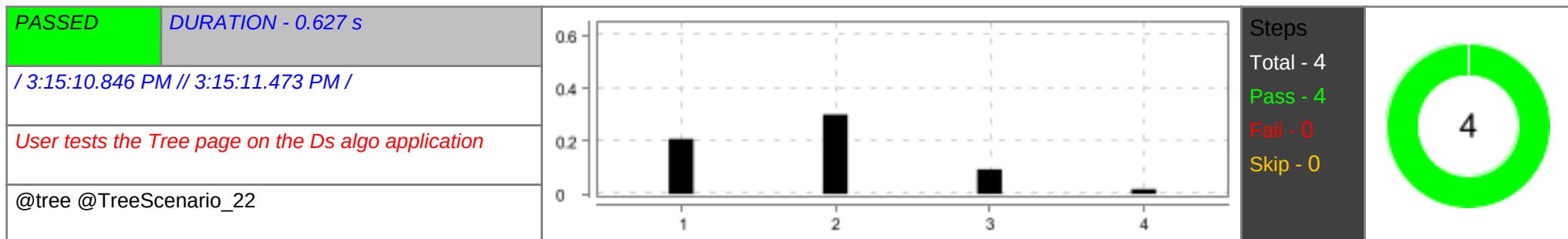
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "traversal illustration" after logged in | PASSED | 0.143 s |
| 2 | When The user clicks "Try Here" button in a "traversal illustration" page | PASSED | 0.280 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



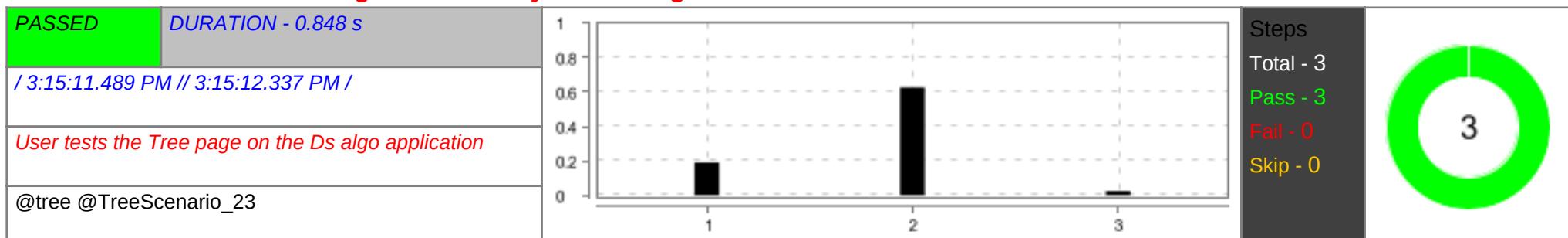
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.174 s |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.625 s |
| 3 | And clicks run button | PASSED | 0.206 s |
| 4 | Then The user is presented with the result after run button is clicked | PASSED | 0.184 s |

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



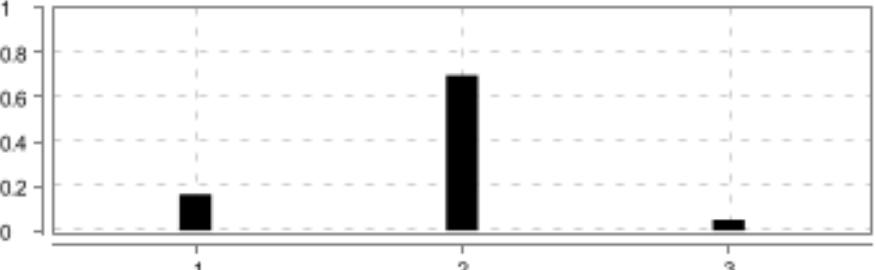
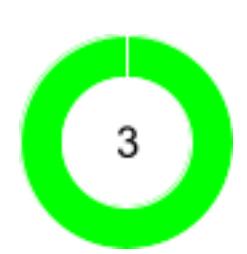
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.209 s |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1 | PASSED | 0.301 s |
| 3 | And clicks run button | PASSED | 0.093 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 "Binary trees" Page



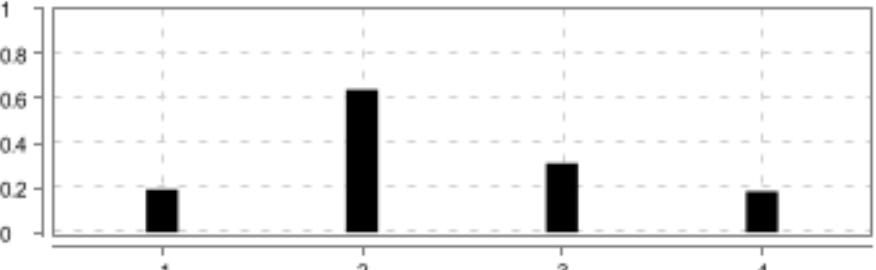
| # | Step / Hook Details | Status | Duration |
|---|---------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Tree page" after logged in | PASSED | 0.190 s |
| 2 | When The user clicks on the binary trees button | PASSED | 0.628 s |
| 3 | Then The user should be directed to the "Binary Trees" of tree Page | PASSED | 0.023 s |

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

| | | | | |
|-----------------------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 0.917 s |  | Steps Total - 3 Pass - 3 Fail - 0 Skip - 0 |  |
| / 3:15:12.345 PM // 3:15:13.262 PM / | | | | |
| User tests the Tree page on the Ds algo application | | | | |
| @tree @TreeScenario_24 | | | | |

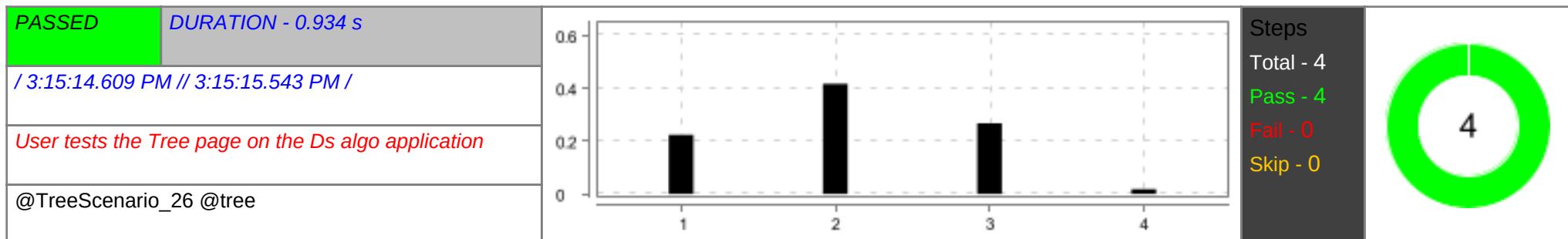
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "binary trees" after logged in | PASSED | 0.163 s |
| 2 | When The user clicks "Try Here" button in a "binary tree" page | PASSED | 0.698 s |
| 3 | Then The user should be redirected to a page having an tryEditor with a Run button to test | PASSED | 0.048 s |

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

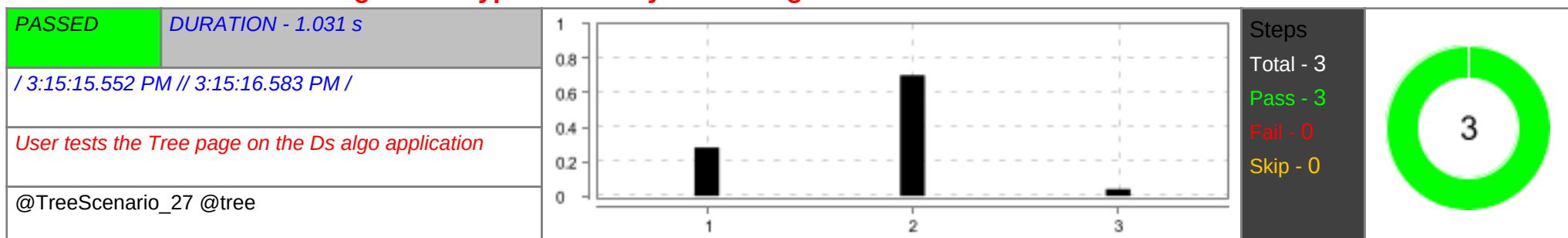
| | | | | |
|-----------------------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 1.332 s |  | Steps Total - 4 Pass - 4 Fail - 0 Skip - 0 |  |
| / 3:15:13.271 PM // 3:15:14.603 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 | 0.192 s |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.640 s |
| 3 | And clicks run button | PASSED | 0.310 s |
| 4 | Then The user is presented with the result after run button is clicked | PASSED | 0.183 s |

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

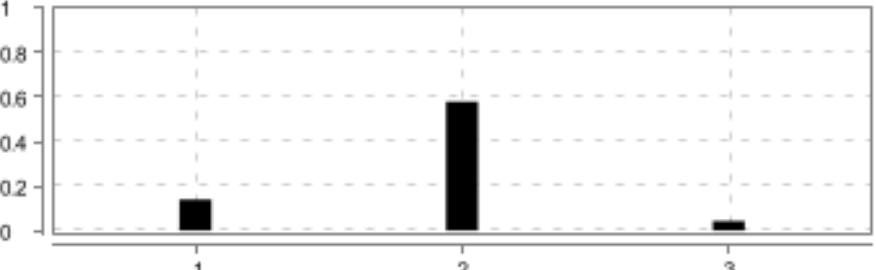
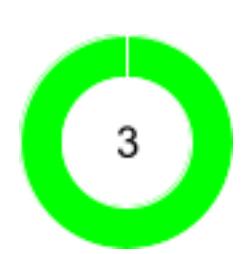
**Step / Hook Details**

| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.224 s |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1 | PASSED | 0.417 s |
| 3 | And clicks run button | PASSED | 0.268 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 "Types of Binary trees" Page**Step / Hook Details**

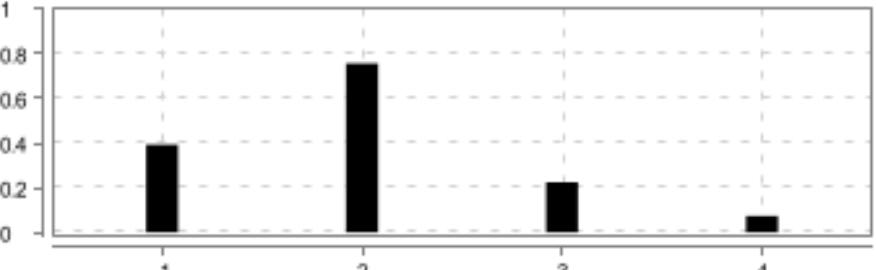
| # | Step / Hook Details | Status | Duration |
|---|------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Tree page" after logged in | PASSED | 0.282 s |
| 2 | When The user clicks on the types of binary trees button | PASSED | 0.703 s |
| 3 | Then The user should be directed to the "Types of Binary Trees" of tree Page | PASSED | 0.039 s |

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

| | | | | |
|-----------------------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 0.764 s |  | Steps Total - 3 Pass - 3 Fail - 0 Skip - 0 |  |
| / 3:15:16.592 PM // 3:15:17.356 PM / | | | | |
| User tests the Tree page on the Ds algo application | | | | |
| @TreeScenario_28 @tree | | | | |

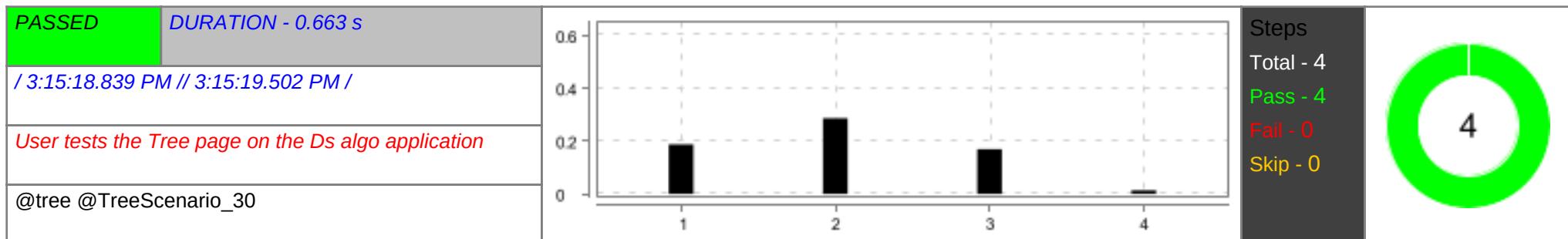
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "types of binary trees" after logged in | PASSED | 0.139 s |
| 2 | When The user clicks "Try Here" button in a "types of binary trees" page | PASSED | 0.579 s |
| 3 | Then The user should be redirected to a page having an tryEditor with a Run button to test | PASSED | 0.042 s |

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

| | | | | |
|-----------------------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 1.459 s |  | Steps Total - 4 Pass - 4 Fail - 0 Skip - 0 |  |
| / 3:15:17.371 PM // 3:15:18.830 PM / | | | | |
| User tests the Tree page on the Ds algo application | | | | |
| @TreeScenario_29 @tree | | | | |

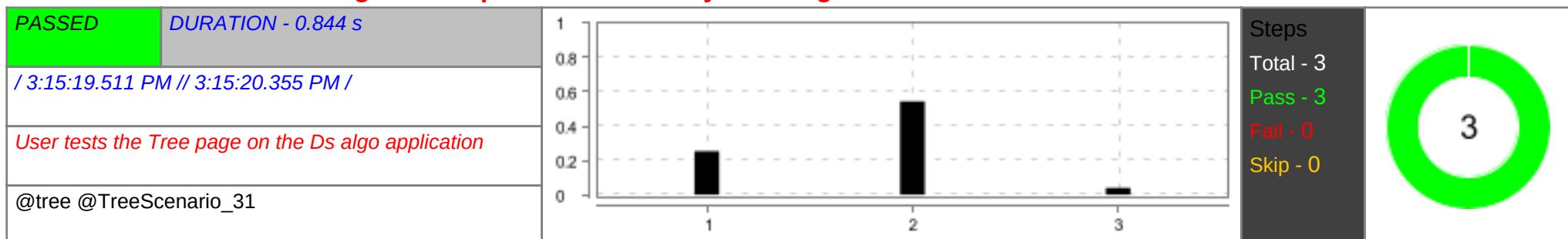
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.393 s |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.757 s |
| 3 | And clicks run button | PASSED | 0.224 s |
| 4 | Then The user is presented with the result after run button is clicked | PASSED | 0.074 s |

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



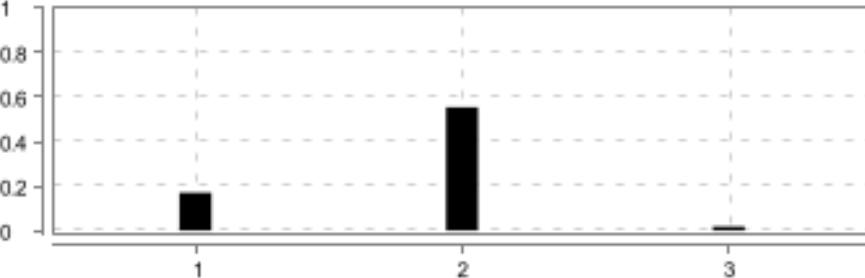
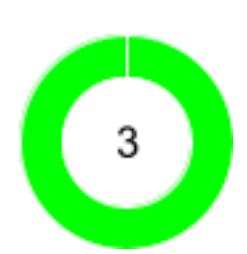
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.188 s |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1 | PASSED | 0.287 s |
| 3 | And clicks run button | PASSED | 0.170 s |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.013 s |

The user is able to navigate to Implementation in Python Page



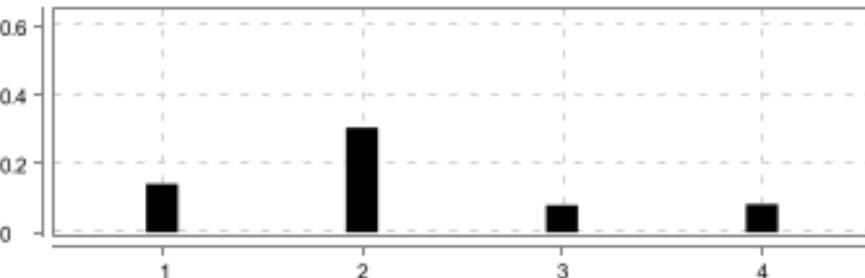
| # | Step / Hook Details | Status | Duration |
|---|---------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Tree page" after logged in | PASSED | 0.254 s |
| 2 | When The user clicks on the Implementation in Python button | PASSED | 0.544 s |
| 3 | Then The user should be directed to the "Implementation in Python" of tree Page | PASSED | 0.040 s |

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

| | | | | |
|-----------------------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 0.746 s |  | Steps Total - 3 Pass - 3 Fail - 0 Skip - 0 |  |
| / 3:15:20.365 PM // 3:15:21.111 PM / | | | | |
| User tests the Tree page on the Ds algo application | | | | |
| @tree @TreeScenario_32 | | | | |

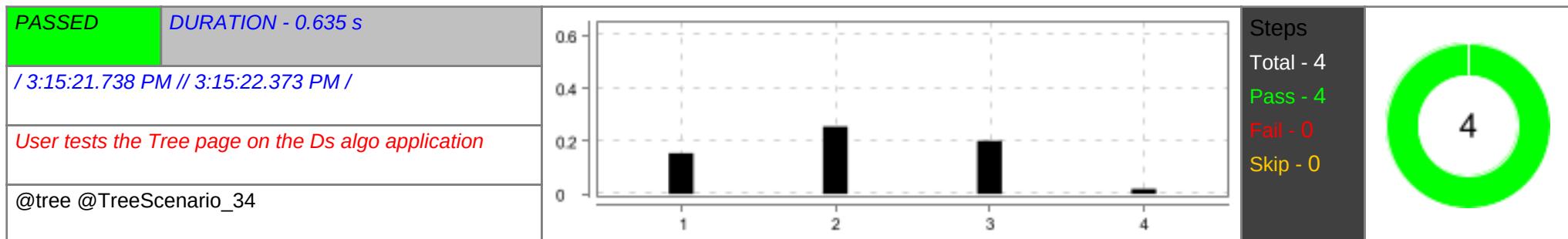
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Implementation in Python" after logged in | PASSED | 0.170 s |
| 2 | When The user clicks "Try Here" button in a "implementation in python" page | PASSED | 0.554 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 - 0.612 s |  | Steps Total - 4 Pass - 4 Fail - 0 Skip - 0 |  |
| / 3:15:21.119 PM // 3:15:21.731 PM / | | | | |
| User tests the Tree page on the Ds algo application | | | | |
| @tree @TreeScenario_33 | | | | |

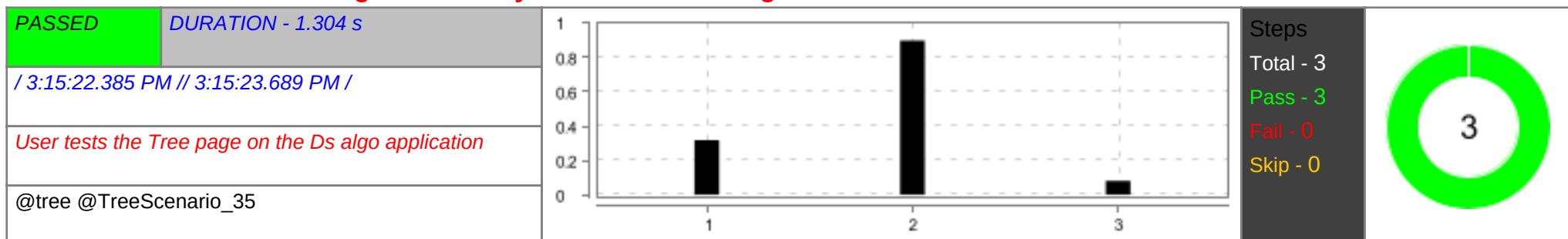
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.141 s |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.305 s |
| 3 | And clicks run button | PASSED | 0.079 s |
| 4 | Then The user is presented with the result after run button is clicked | PASSED | 0.082 s |

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



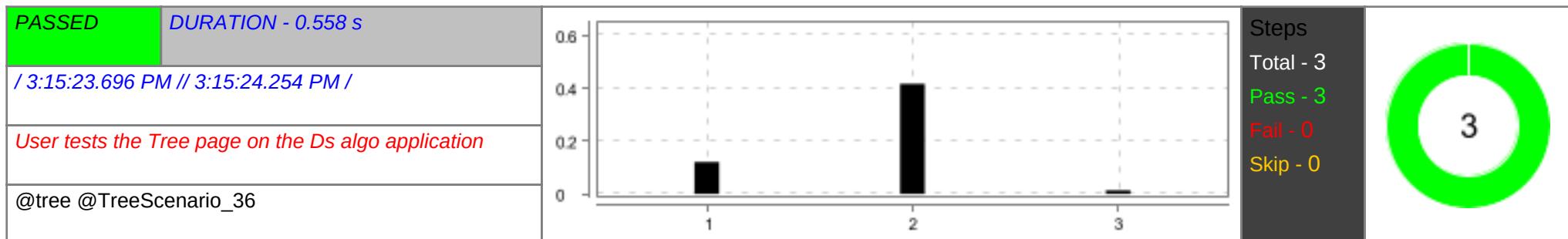
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.154 s |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1 | PASSED | 0.255 s |
| 3 | And clicks run button | PASSED | 0.201 s |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.019 s |

The user is able to navigate to binary tree traversals Page



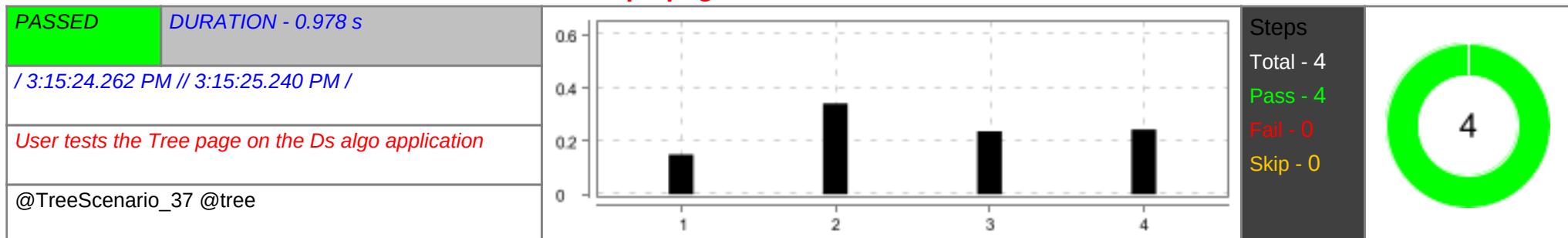
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Tree page" after logged in | PASSED | 0.318 s |
| 2 | When The user clicks on the binary tree traversals button | PASSED | 0.899 s |
| 3 | Then The user should be directed to the "Binary Tree Traversals" of tree Page | PASSED | 0.080 s |

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



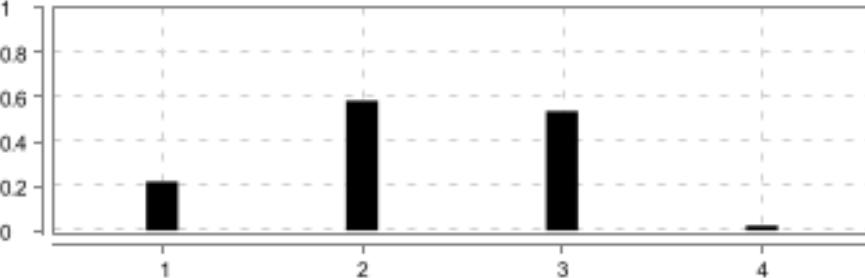
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Binary Tree Traversals" after logged in | PASSED | 0.121 s |
| 2 | When The user clicks "Try Here" button in a "binary tree traversals" page | PASSED | 0.417 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



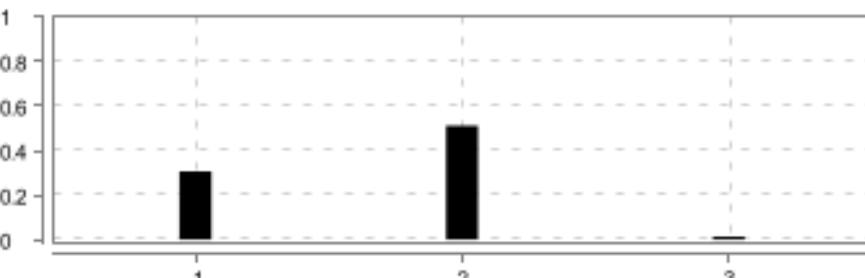
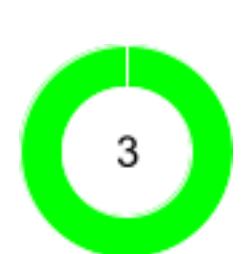
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.150 s |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.342 s |
| 3 | And clicks run button | PASSED | 0.237 s |
| 4 | Then The user is presented with the result after run button is clicked | PASSED | 0.244 s |

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

| | | | | |
|-----------------------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 1.369 s |  | Steps Total - 4 Pass - 4 Fail - 0 Skip - 0 |  |
| / 3:15:25.249 PM // 3:15:26.618 PM / | | | | |
| User tests the Tree page on the Ds algo application | | | | |
| @TreeScenario_38 @tree | | | | |

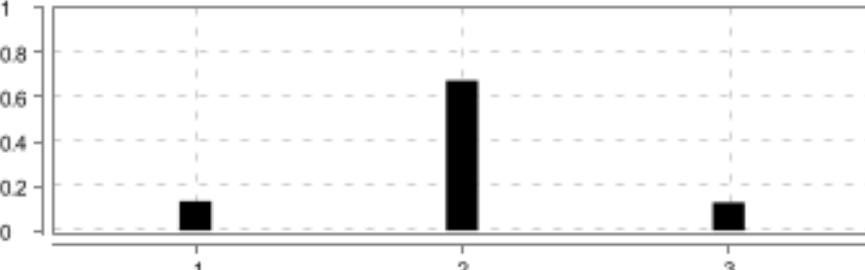
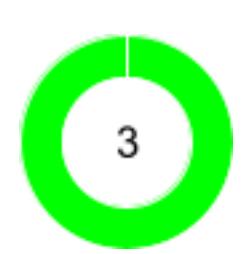
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.220 s |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1 | PASSED | 0.583 s |
| 3 | And clicks run button | PASSED | 0.536 s |
| 4 | Then The user gets an error message as "NameError: name 'hello' is not defined on line 1" | PASSED | 0.022 s |

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

| | | | | |
|-----------------------------------------------------|--------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 0.836 s |  | Steps Total - 3 Pass - 3 Fail - 0 Skip - 0 |  |
| / 3:15:26.630 PM // 3:15:27.466 PM / | | | | |
| User tests the Tree page on the Ds algo application | | | | |
| @TreeScenario_39 @tree | | | | |

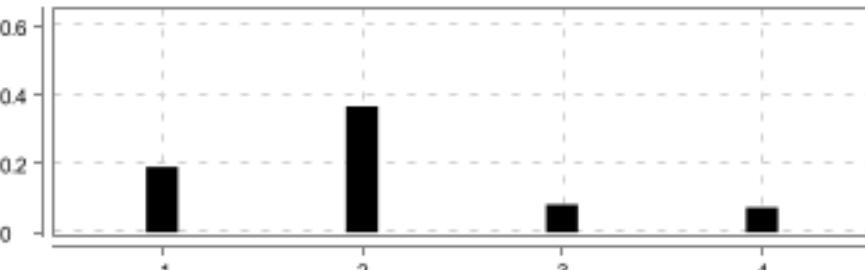
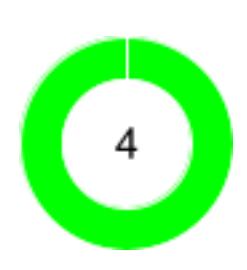
| # | Step / Hook Details | Status | Duration |
|---|---------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Tree page" after logged in | PASSED | 0.306 s |
| 2 | When The user clicks on the Implementation of Binary Trees button | PASSED | 0.511 s |
| 3 | Then The user should be directed to the "Implementation of Binary Trees" of tree Page | PASSED | 0.013 s |

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

| | | | | |
|-----------------------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 0.938 s |  | Steps Total - 3 Pass - 3 Fail - 0 Skip - 0 |  |
| / 3:15:27.478 PM // 3:15:28.416 PM / | | | | |
| User tests the Tree page on the Ds algo application | | | | |
| @tree @TreeScenario_40 | | | | |

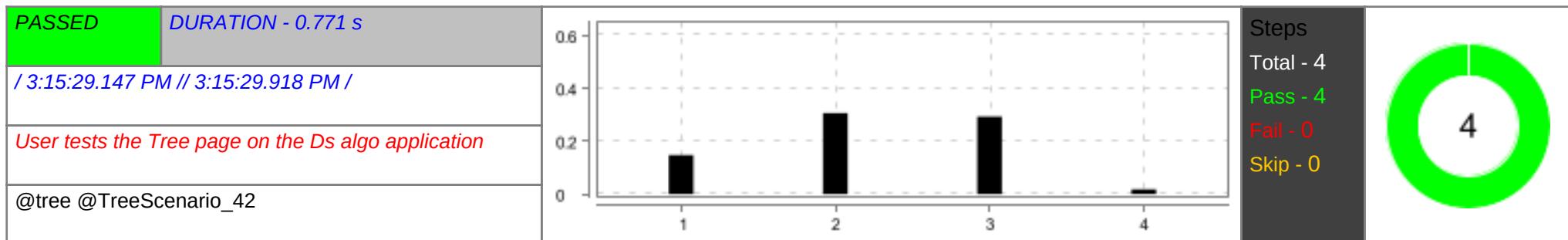
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Implementation Of Binary Trees" after logged in | PASSED | 0.132 s |
| 2 | When The user clicks "Try Here" button in a "Implementation of binary trees" page | PASSED | 0.675 s |
| 3 | Then The user should be redirected to a page having an tryEditor with a Run button to test | PASSED | 0.126 s |

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

| | | | | |
|-----------------------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 0.714 s |  | Steps Total - 4 Pass - 4 Fail - 0 Skip - 0 |  |
| / 3:15:28.424 PM // 3:15:29.138 PM / | | | | |
| User tests the Tree page on the Ds algo application | | | | |
| @tree @TreeScenario_41 | | | | |

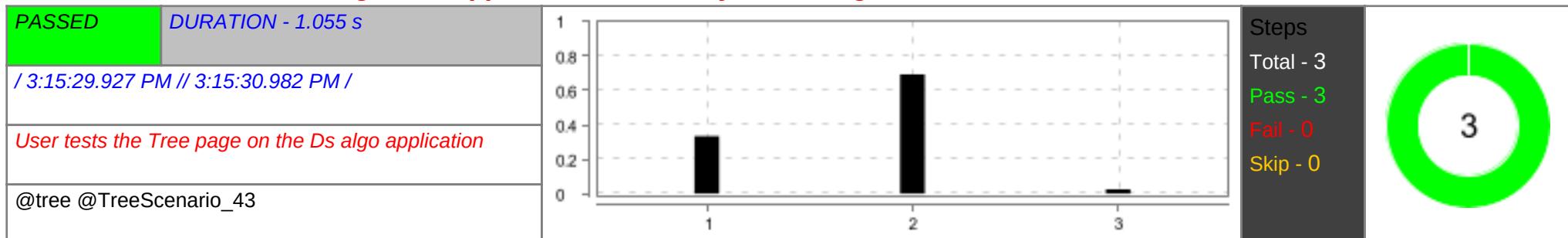
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.191 s |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.367 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 | 0.072 s |

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



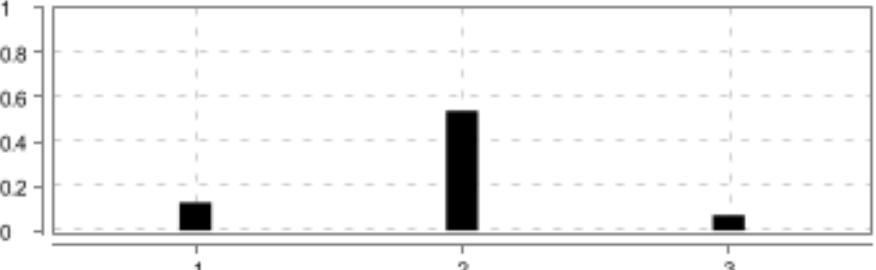
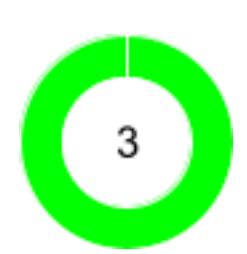
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.148 s |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1 | PASSED | 0.307 s |
| 3 | And clicks run button | PASSED | 0.294 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 of Binary Trees Page



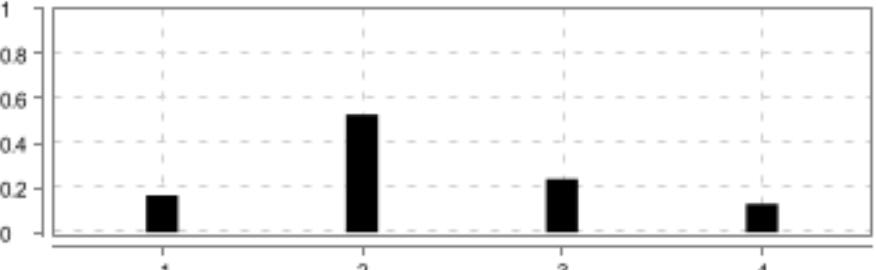
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Tree page" after logged in | PASSED | 0.334 s |
| 2 | When The user clicks on the Applications of Binary Trees button | PASSED | 0.694 s |
| 3 | Then The user should be directed to the "Applications of Binary trees" of tree Page | PASSED | 0.025 s |

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

| | | | | |
|-----------------------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 0.737 s |  | Steps Total - 3 Pass - 3 Fail - 0 Skip - 0 |  |
| / 3:15:30.992 PM // 3:15:31.729 PM / | | | | |
| User tests the Tree page on the Ds algo application | | | | |
| @tree @TreeScenario_44 | | | | |

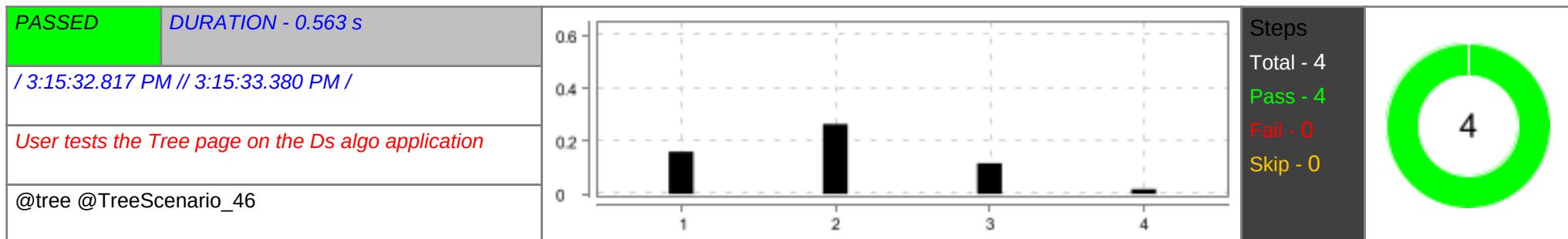
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Applications Of Binary Trees" after logged in | PASSED | 0.126 s |
| 2 | When The user clicks "Try Here" button in a "Applications of binary trees" page | PASSED | 0.538 s |
| 3 | Then The user should be redirected to a page having an tryEditor with a Run button to test | PASSED | 0.069 s |

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

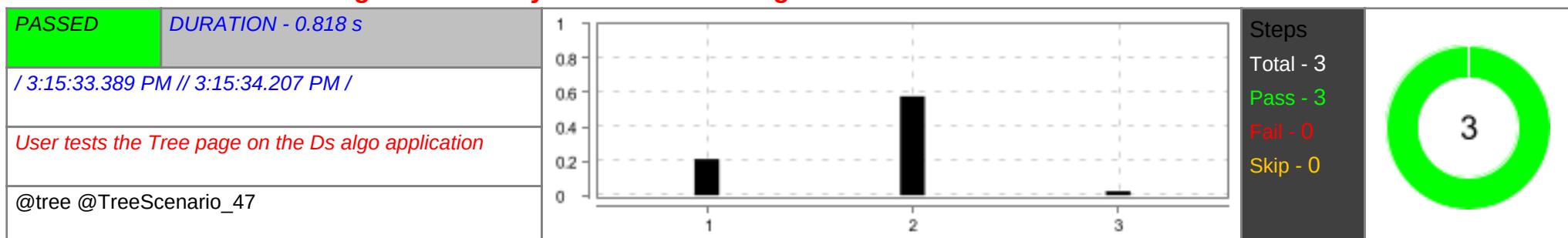
| | | | | |
|-----------------------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 1.067 s |  | Steps Total - 4 Pass - 4 Fail - 0 Skip - 0 |  |
| / 3:15:31.742 PM // 3:15:32.809 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 | 0.166 s |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.528 s |
| 3 | And clicks run button | PASSED | 0.239 s |
| 4 | Then The user is presented with the result after run button is clicked | PASSED | 0.127 s |

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

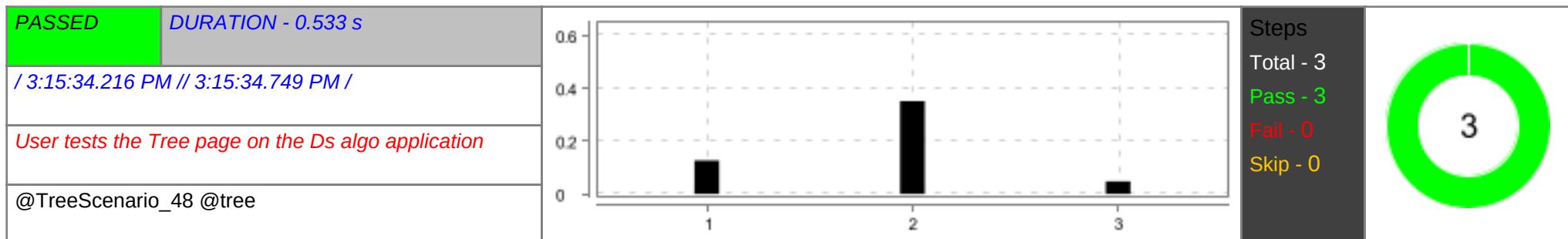
**Step / Hook Details**

| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.160 s |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1 | PASSED | 0.265 s |
| 3 | And clicks run button | PASSED | 0.116 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 "Binary Search Trees" Page**Step / Hook Details**

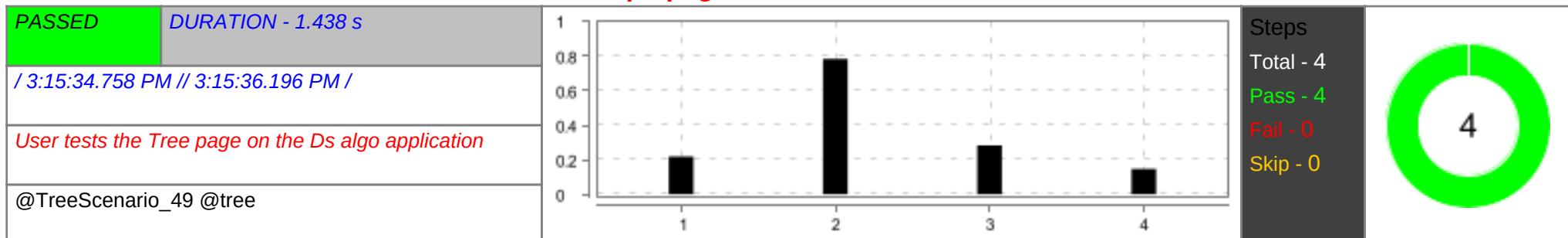
| # | Step / Hook Details | Status | Duration |
|---|----------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Tree page" after logged in | PASSED | 0.211 s |
| 2 | When The user clicks on the Binary Search Trees button | PASSED | 0.578 s |
| 3 | Then The user should be directed to the "Binary Search Trees" of tree Page | PASSED | 0.024 s |

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



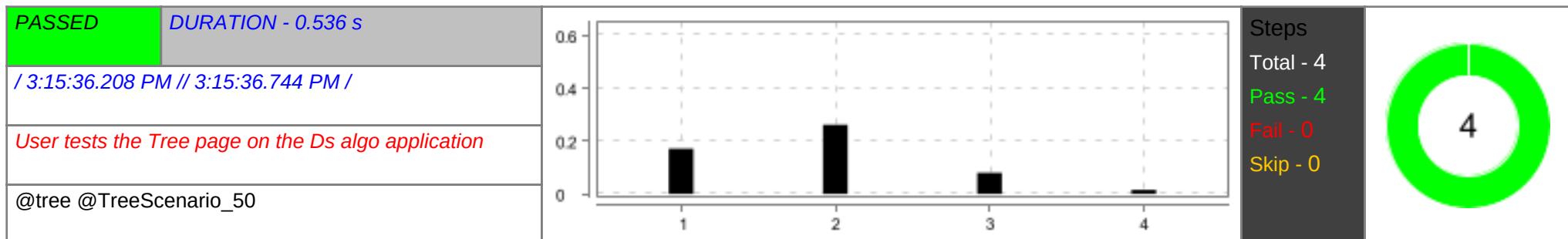
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Binary Search Trees" after logged in | PASSED | 0.127 s |
| 2 | When The user clicks "Try Here" button in a "Binary Search Trees" page | PASSED | 0.352 s |
| 3 | Then The user should be redirected to a page having an tryEditor with a Run button to test | PASSED | 0.048 s |

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



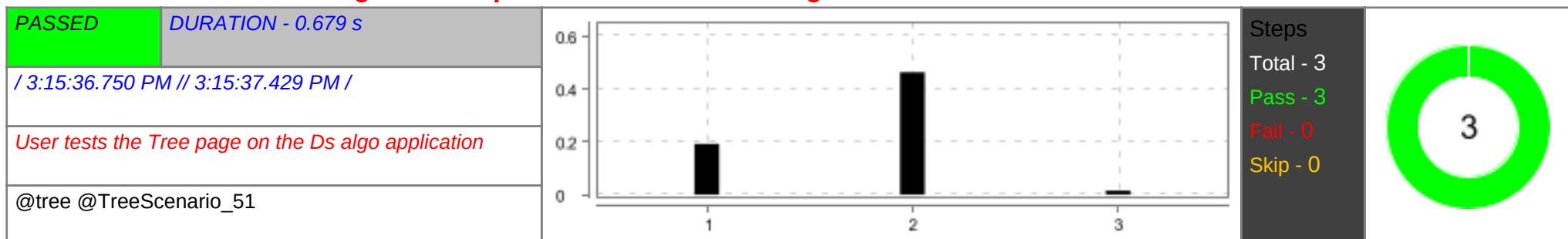
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.219 s |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.785 s |
| 3 | And clicks run button | PASSED | 0.283 s |
| 4 | Then The user is presented with the result after run button is clicked | PASSED | 0.147 s |

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



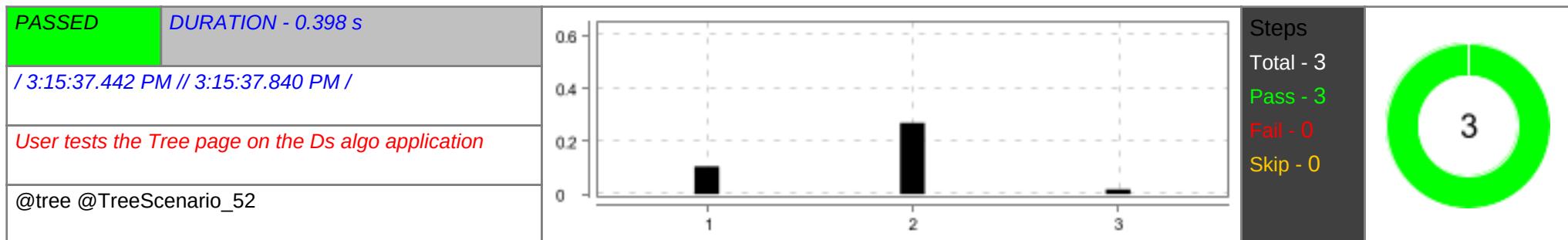
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.172 s |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1 | PASSED | 0.262 s |
| 3 | And clicks run button | PASSED | 0.080 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 BST" Page



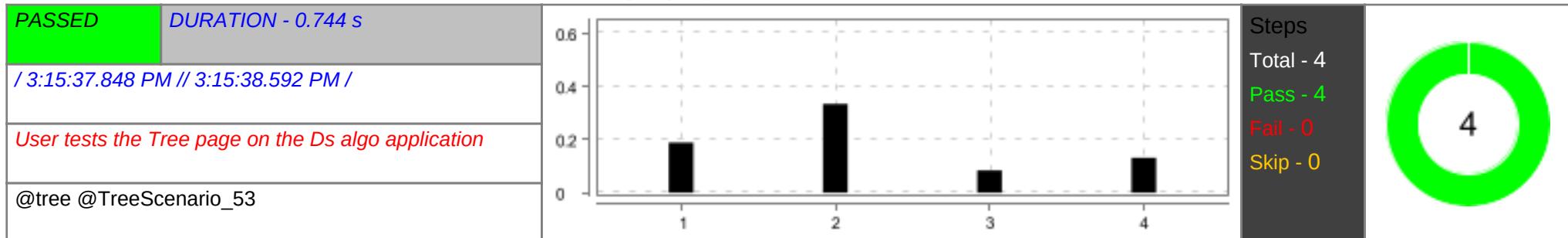
| # | Step / Hook Details | Status | Duration |
|---|------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Tree page" after logged in | PASSED | 0.193 s |
| 2 | When The user clicks on the Implementation of BST button | PASSED | 0.464 s |
| 3 | Then The user should be directed to the "Implementation Of BST" of tree Page | PASSED | 0.015 s |

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



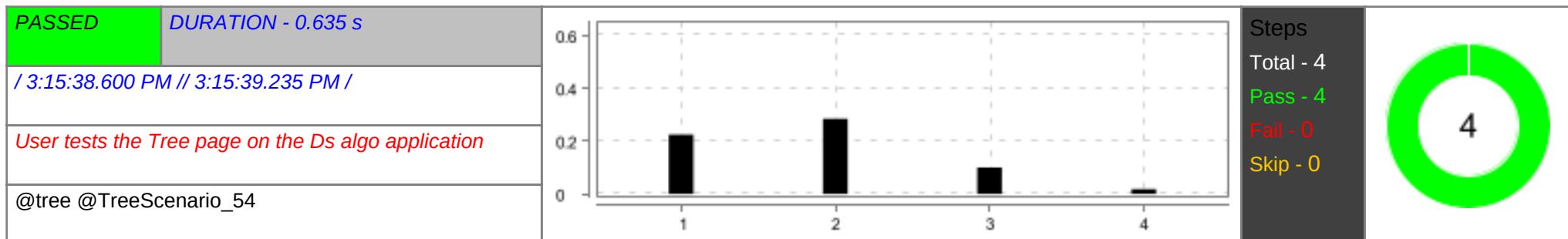
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Implementation Of BST" after logged in | PASSED | 0.105 s |
| 2 | When The user clicks "Try Here" button in a "Implementation of BST" page | PASSED | 0.270 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

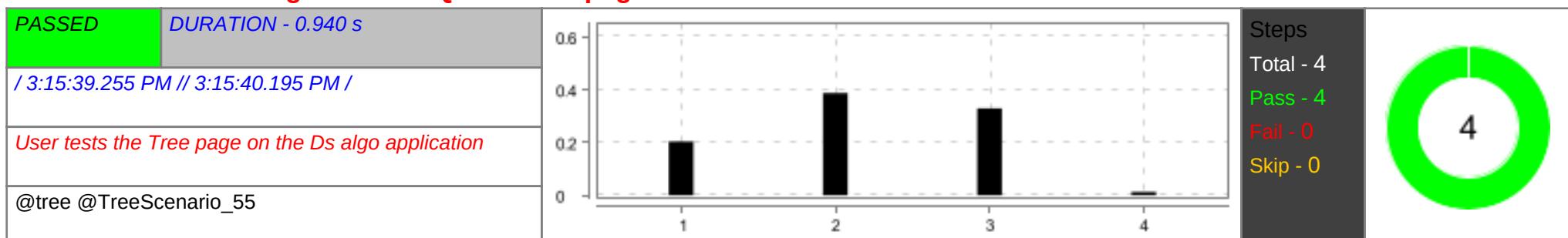


| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.189 s |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.335 s |
| 3 | And clicks run button | PASSED | 0.084 s |
| 4 | Then The user is presented with the result after run button is clicked | PASSED | 0.132 s |

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

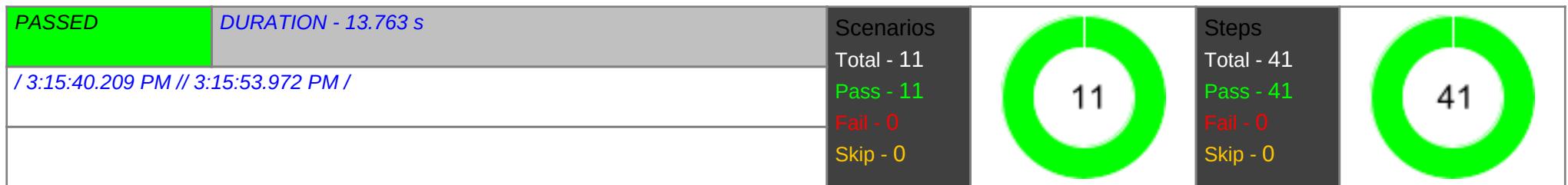
**Step / Hook Details**

| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.225 s |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1 | PASSED | 0.285 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 | 0.018 s |

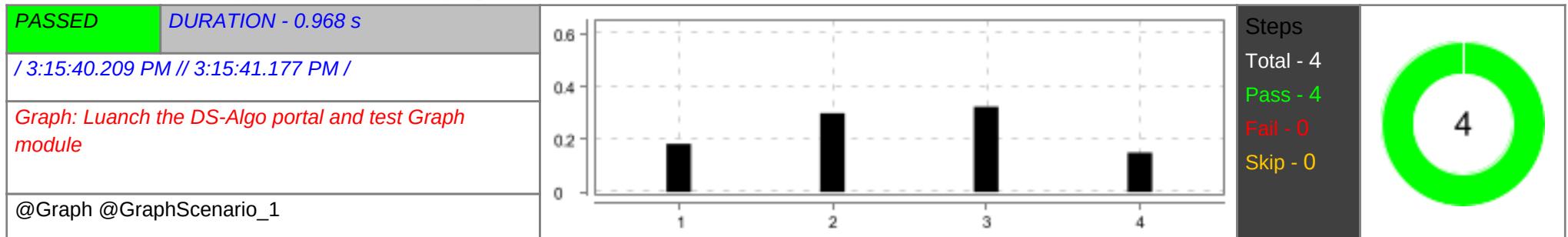
The user validating "Practice Questions" page**Step / Hook Details**

| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Tree page" after logged in | PASSED | 0.204 s |
| 2 | When The user clicks on the Overview of Trees link | PASSED | 0.388 s |
| 3 | When The user clicks on the Practice Questions in Overview of Trees | PASSED | 0.330 s |
| 4 | Then The user should be directed to Practice Questions of tree page Page | PASSED | 0.012 s |

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

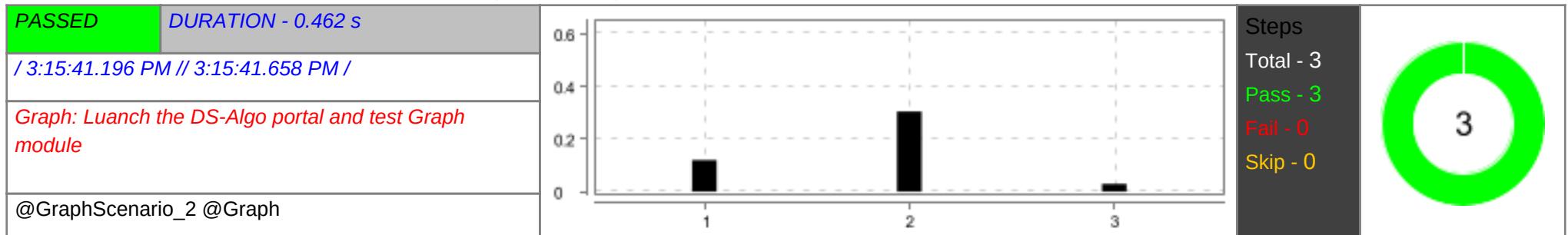


The user is logged in to DS Algo portal



| # | Step / Hook Details | Status | Duration |
|---|----------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on Signin page of DS Algo portal | PASSED | 0.183 s |
| 2 | When The user enter valid "arshsquashers@gmail.com" and "Welcome12#" | PASSED | 0.299 s |
| 3 | And The user click on login button | PASSED | 0.324 s |
| 4 | Then The user redirected to homepage | PASSED | 0.150 s |

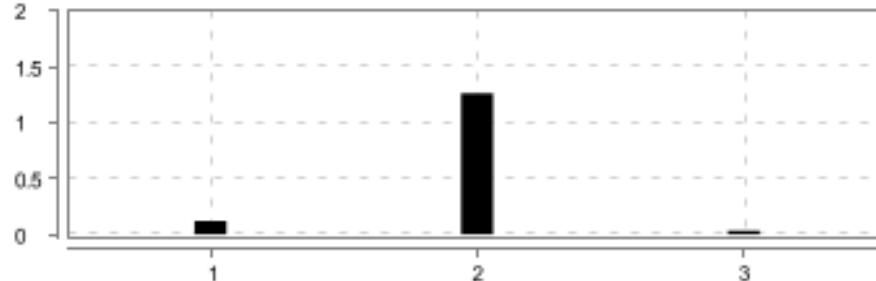
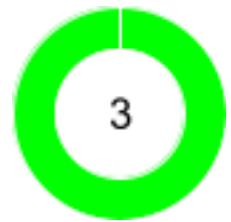
The user is able to navigate to Graph home page



| # | Step / Hook Details | Status | Duration |
|---|------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "home page" after logged in | PASSED | 0.120 s |

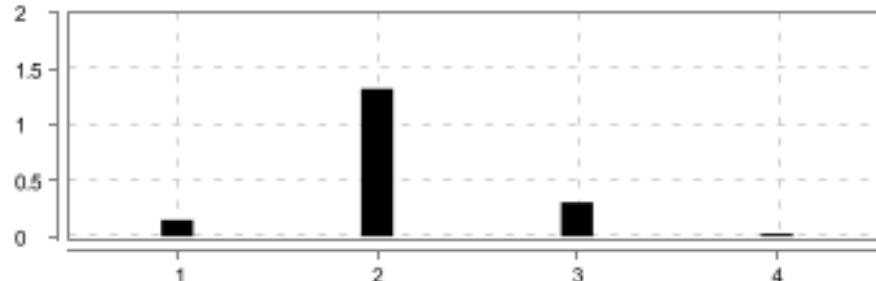
| # | Step / Hook Details | Status | Duration |
|---|------------------------------------------------------------------------------------------------------|--------|----------|
| 2 | When The user clicks on the Get Started button on Graph or select Stack item from the drop down menu | PASSED | 0.305 s |
| 3 | Then The user is redirected to the "Graph" page | PASSED | 0.030 s |

The user is able to navigate to Graph Graph page

| PASSED | DURATION - 1.421 s |  <p>A bar chart showing the execution time for three steps. Step 1 (clicking the Get Started button) took approximately 0.305 seconds. Step 2 (redirecting to the Graph page) took approximately 0.030 seconds. Step 3 (selecting the Stack item) took approximately 0.005 seconds.</p> <table border="1"> <thead> <tr> <th>Step</th><th>Time (s)</th></tr> </thead> <tbody> <tr> <td>1</td><td>~0.305</td></tr> <tr> <td>2</td><td>~0.030</td></tr> <tr> <td>3</td><td>~0.005</td></tr> </tbody> </table> | Step | Time (s) | 1 | ~0.305 | 2 | ~0.030 | 3 | ~0.005 | Steps Total - 3 Pass - 3 Fail - 0 Skip - 0 |  |
|--------------------------------------|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------|---|--------|---|--------|---|--------|---------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Step | Time (s) | | | | | | | | | | | |
| 1 | ~0.305 | | | | | | | | | | | |
| 2 | ~0.030 | | | | | | | | | | | |
| 3 | ~0.005 | | | | | | | | | | | |
| / 3:15:41.669 PM // 3:15:43.090 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 | 0.120 s |
| 2 | When The user clicks on the Graph link on Graph page | PASSED | 1.264 s |
| 3 | Then The user should be redirected to "Graph Graph url" page | PASSED | 0.031 s |

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

| PASSED | DURATION - 1.811 s |  <p>A bar chart showing the execution time for four steps. Step 1 (clicking the Tryhere button) took approximately 0.120 seconds. Step 2 (clicking the Run button) took approximately 1.264 seconds. Step 3 (clicking the Run button again) took approximately 0.031 seconds. Step 4 (clicking the Run button again) took approximately 0.005 seconds.</p> <table border="1"> <thead> <tr> <th>Step</th><th>Time (s)</th></tr> </thead> <tbody> <tr> <td>1</td><td>~0.120</td></tr> <tr> <td>2</td><td>~1.264</td></tr> <tr> <td>3</td><td>~0.031</td></tr> <tr> <td>4</td><td>~0.005</td></tr> </tbody> </table> | Step | Time (s) | 1 | ~0.120 | 2 | ~1.264 | 3 | ~0.031 | 4 | ~0.005 | Steps Total - 4 Pass - 4 Fail - 0 Skip - 0 |  |
|--------------------------------------|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------|---|--------|---|--------|---|--------|---|--------|---------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Step | Time (s) | | | | | | | | | | | | | |
| 1 | ~0.120 | | | | | | | | | | | | | |
| 2 | ~1.264 | | | | | | | | | | | | | |
| 3 | ~0.031 | | | | | | | | | | | | | |
| 4 | ~0.005 | | | | | | | | | | | | | |
| / 3:15:43.107 PM // 3:15:44.918 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 | 0.148 s |
| 2 | And The user clicks on the Graph link on Graph page | PASSED | 1.324 s |
| 3 | When The user clicks on "Tryhere" button on "Graph Graph url" page | PASSED | 0.306 s |
| 4 | Then The user should be redirected to tryEditor page with Run button | PASSED | 0.024 s |

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

| | | | | |
|--------------------------------------------------------|--------------------|--|--------------------------------------------------------|--|
| PASSED | DURATION - 0.757 s | | Steps Total - 4 Pass - 4 Fail - 0 Skip - 0 | |
| / 3:15:44.932 PM // 3:15:45.689 PM / | | | | |
| Graph: Luanch the DS-Algo portal and test Graph module | | | | |
| @Graph @GraphScenario_5 | | | | |

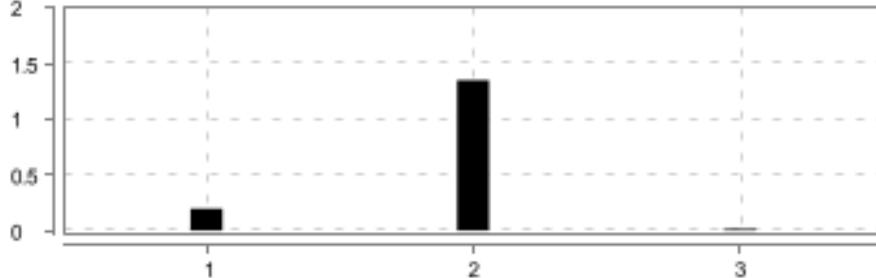
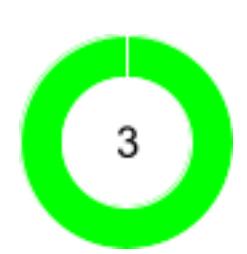
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.169 s |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.400 s |
| 3 | And clicks run button | PASSED | 0.103 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

| | | | | |
|--------------------------------------------------------|--------------------|--|--------------------------------------------------------|--|
| PASSED | DURATION - 0.618 s | | Steps Total - 4 Pass - 4 Fail - 0 Skip - 0 | |
| / 3:15:45.701 PM // 3:15:46.319 PM / | | | | |
| Graph: Luanch the DS-Algo portal and test Graph module | | | | |
| @GraphScenario_6 @Graph | | | | |

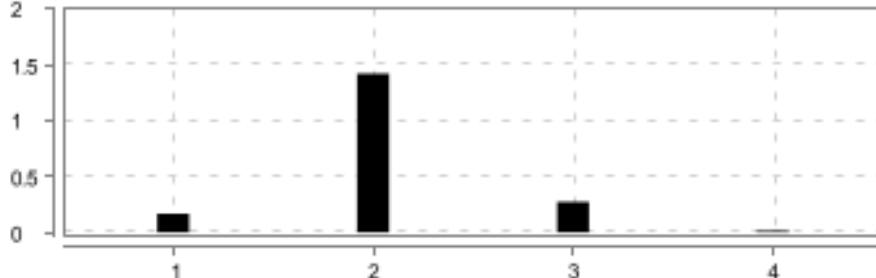
| # | Step / Hook Details | Status | Duration |
|---|-------------------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.185 s |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1 | PASSED | 0.262 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 | 0.040 s |

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

| | | | | |
|--------------------------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 1.572 s |  | Steps Total - 3 Pass - 3 Fail - 0 Skip - 0 |  |
| / 3:15:46.337 PM // 3:15:47.909 PM / | | | | |
| Graph: Luanch the DS-Algo portal and test Graph module | | | | |
| @GraphScenario_7 @Graph | | | | |

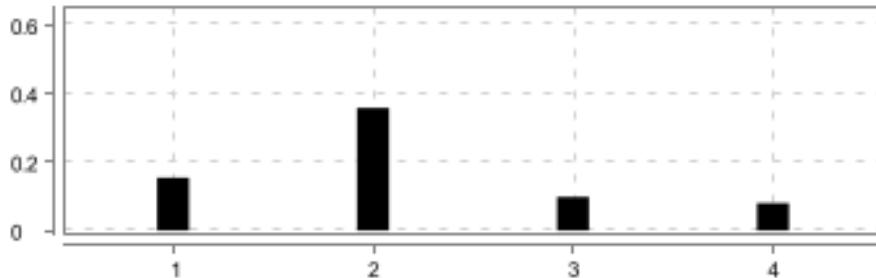
| # | Step / Hook Details | Status | Duration |
|---|----------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Graph url" after logged in | PASSED | 0.197 s |
| 2 | When The user clicks on Graph Representations link | PASSED | 1.353 s |
| 3 | Then The user is navigated to "Graph Representations url" page | PASSED | 0.014 s |

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

| | | | | |
|--------------------------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 1.888 s |  | Steps Total - 4 Pass - 4 Fail - 0 Skip - 0 |  |
| / 3:15:47.921 PM // 3:15:49.809 PM / | | | | |
| Graph: Luanch the DS-Algo portal and test Graph module | | | | |
| @GraphScenario_8 @Graph | | | | |

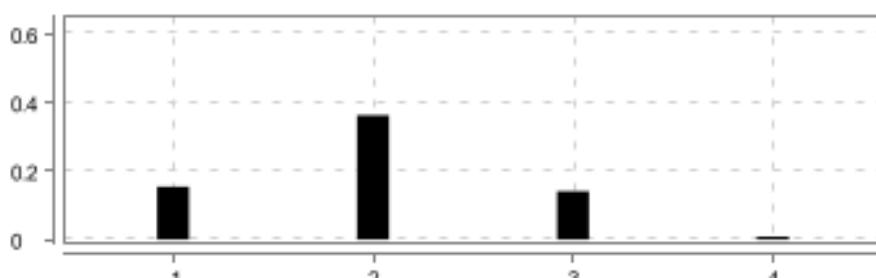
| # | Step / Hook Details | Status | Duration |
|---|-----------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is on the "Graph url" after logged in | PASSED | 0.167 s |
| 2 | When The user clicks on Graph Representations link | PASSED | 1.421 s |
| 3 | And The user clicks on "Tryhere" button on "Graph Representations url" page | PASSED | 0.273 s |
| 4 | Then The user should be redirected to tryEditor page with Run button | PASSED | 0.016 s |

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

| | | | | |
|--------------------------------------------------------|--------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 0.697 s |  | Steps Total - 4 Pass - 4 Fail - 0 Skip - 0 |  |
| / 3:15:49.820 PM // 3:15:50.517 PM / | | | | |
| Graph: Luanch the DS-Algo portal and test Graph module | | | | |
| @GraphScenario_9 @Graph | | | | |

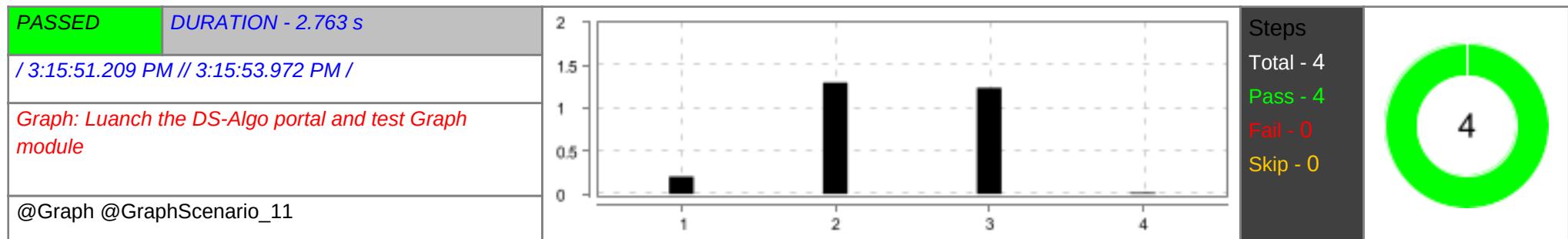
| # | Step / Hook Details | Status | Duration |
|---|--------------------------------------------------------------------------------|--------|----------|
| 1 | Given The user is in a page having an Editor with a Run button to test | PASSED | 0.154 s |
| 2 | When The user enters valid python code in Editor from sheet "pythonCode" and 0 | PASSED | 0.358 s |
| 3 | And clicks run button | PASSED | 0.098 s |
| 4 | Then The user is presented with the result after run button is clicked | PASSED | 0.080 s |

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

| | | | | |
|--------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| PASSED | DURATION - 0.673 s |  | Steps Total - 4 Pass - 4 Fail - 0 Skip - 0 |  |
| / 3:15:50.527 PM // 3:15:51.200 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 | 0.154 s |
| 2 | When The user enters invalid python code in Editor from sheet "pythonCode" and 1 | PASSED | 0.363 s |
| 3 | And clicks run button | PASSED | 0.141 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 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 | 0.203 s |
| 2 | When The user clicks on the Graph link on Graph page | PASSED | 1.299 s |
| 3 | And the user clicks on Practice Questions link | PASSED | 1.238 s |
| 4 | Then The user is directed to "graph practice url" page | PASSED | 0.016 s |