# Cucumber Report

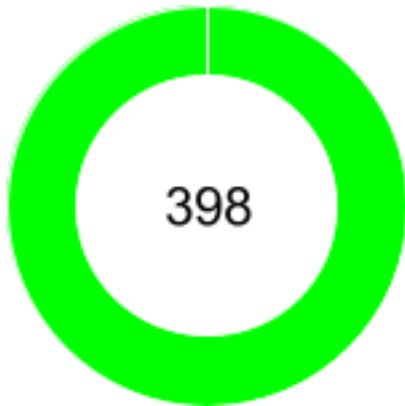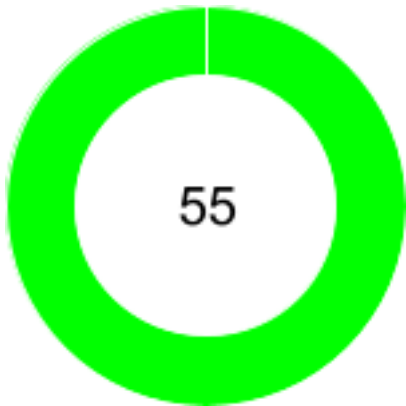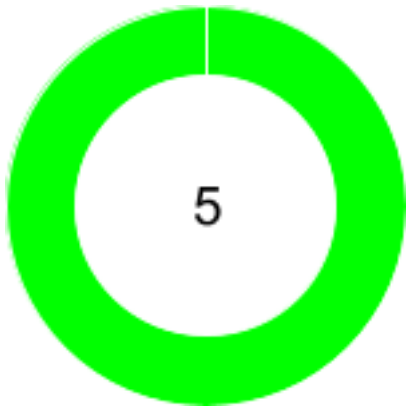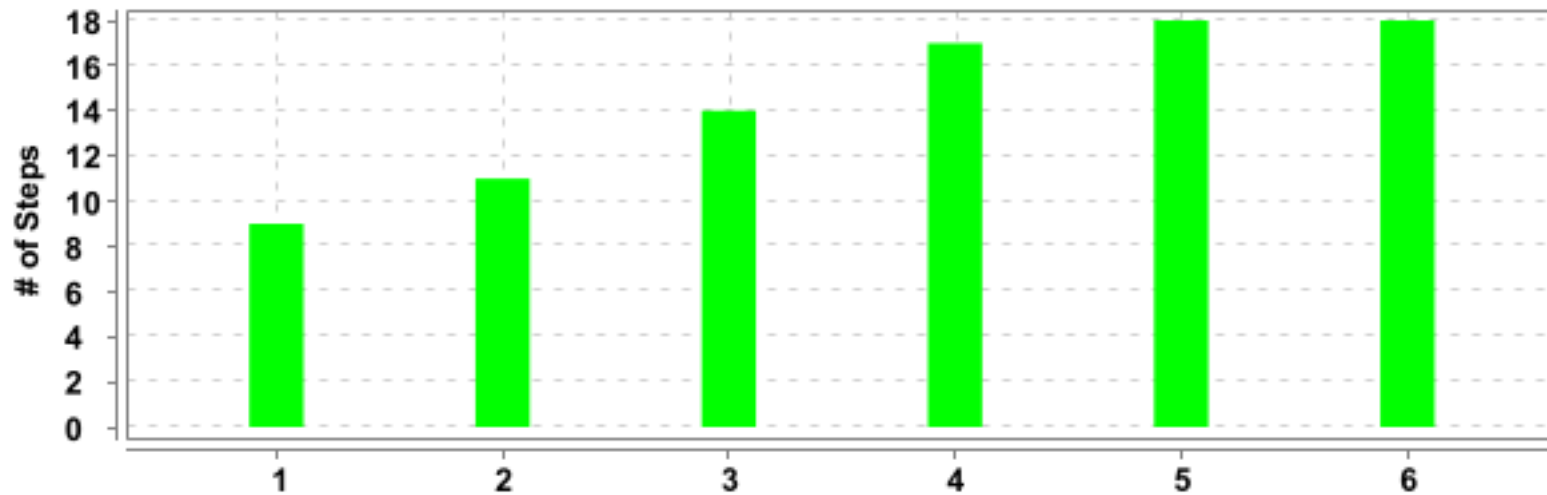| Start : Dec 17, 8:38:01.872 PM | End : Dec 17, 8:58:02.988 PM | Duration : 20 m 1.116 s |
|---|---|---|
| Features | Scenarios | Steps |
| PASSED - 5<br>FAILED - 0<br>SKIPPED - 0 | PASSED - 55<br>FAILED - 0<br>SKIPPED - 0 | PASSED - 398<br>FAILED - 0<br>SKIPPED - 0 |

5

55

398

Pass %

Pass %

Pass %

| Feature | | Scenario | | | | Step | | | |
|---|---|---|---|---|---|---|---|---|---|
| Name | Duration | T | P | F | S | T | P | F | S |
| Data Structures-Introduction Functionality of DsAlgo Application | 10 m 44.836 s | 11 | 11 | 0 | 0 | 173 | 173 | 0 | 0 |
| Dashboard Functionality in DsAlgo Portal | 2 m 50.443 s | 14 | 14 | 0 | 0 | 39 | 39 | 0 | 0 |
| Home Page Functionality of DsAlgo Application | 2 m 38.576 s | 13 | 13 | 0 | 0 | 65 | 65 | 0 | 0 |
| Login Functionality of DsAlgo Application | 1 m 29.964 s | 7 | 7 | 0 | 0 | 52 | 52 | 0 | 0 |
| Registration Functionality of DsAlgo Application | 2 m 17.142 s | 10 | 10 | 0 | 0 | 69 | 69 | 0 | 0 |

| Tag | Scenario | | | | Feature | | | |
|---|---|---|---|---|---|---|---|---|
| **Name** | **T** | **P** | **F** | **S** | **T** | **P** | **F** | **S** |
| @DBP-1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |

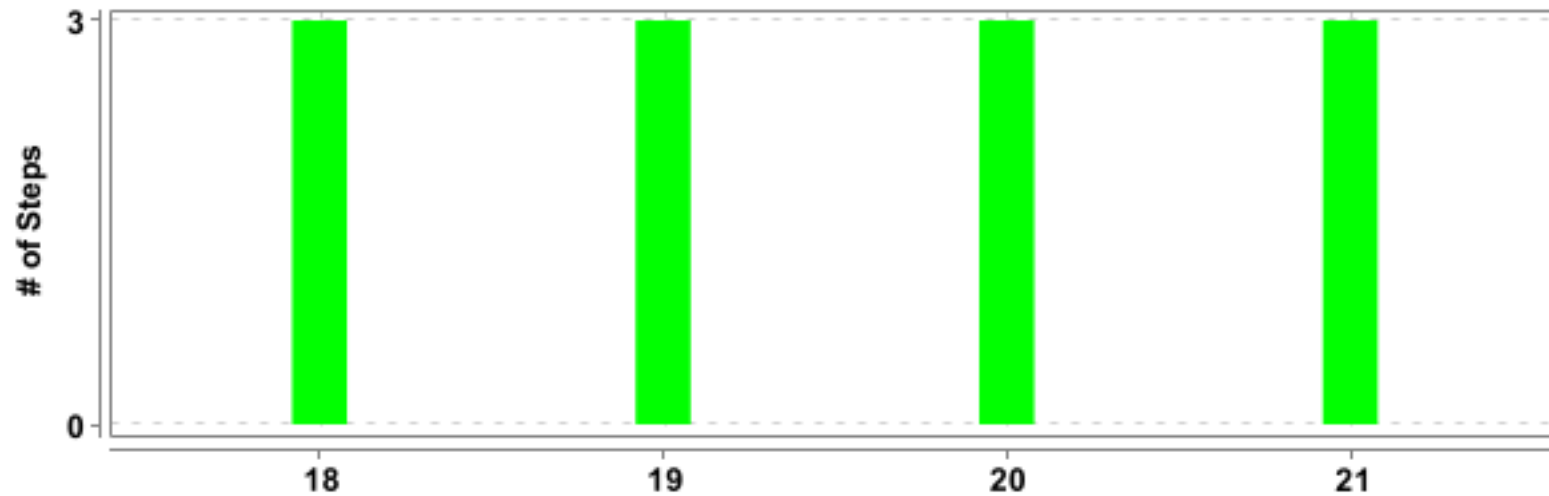| # | Feature Name | T | P | F | S | Duration |
|---|---|---|---|---|---|---|
| 1 | Data Structures-Introduction Functionality of DsAlgo Application | 11 | 11 | 0 | 0 | 10 m 44.836 s |
| 2 | Dashboard Functionality in DsAlgo Portal | 14 | 14 | 0 | 0 | 2 m 50.443 s |
| 3 | Home Page Functionality of DsAlgo Application | 13 | 13 | 0 | 0 | 2 m 38.576 s |
| 4 | Login Functionality of DsAlgo Application | 7 | 7 | 0 | 0 | 1 m 29.964 s |
| 5 | Registration Functionality of DsAlgo Application | 10 | 10 | 0 | 0 | 2 m 17.142 s |

| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|---|---|---|---|---|---|---|---|
| 1 | Data Structures-Introduction Functionality of DsAlgo Application | Verify that the user is navigated to the Data Structures-Introduction page | 9 | 9 | 0 | 0 | 23.803 s |
| 2 | Data Structures-Introduction Functionality of DsAlgo Application | Verify that the user is navigated to the time-complexity page | 11 | 11 | 0 | 0 | 16.911 s |
| 3 | Data Structures-Introduction Functionality of DsAlgo Application | Verify that the user is navigated to the try editor page | 14 | 14 | 0 | 0 | 1 m 21.440 s |
| 4 | Data Structures-Introduction Functionality of DsAlgo Application | Verify that the user is able to see an output for valid python code | 17 | 17 | 0 | 0 | 45.308 s |
| 5 | Data Structures-Introduction Functionality of DsAlgo Application | Verify that the popup is displayed with error message for invalid python code with spaces in try editor | 18 | 18 | 0 | 0 | 2 m 8.884 s |
| 6 | Data Structures-Introduction Functionality of DsAlgo Application | Verify that the popup is displayed with error message after entering letters or any characters in try editor | 18 | 18 | 0 | 0 | 1 m 1.509 s |

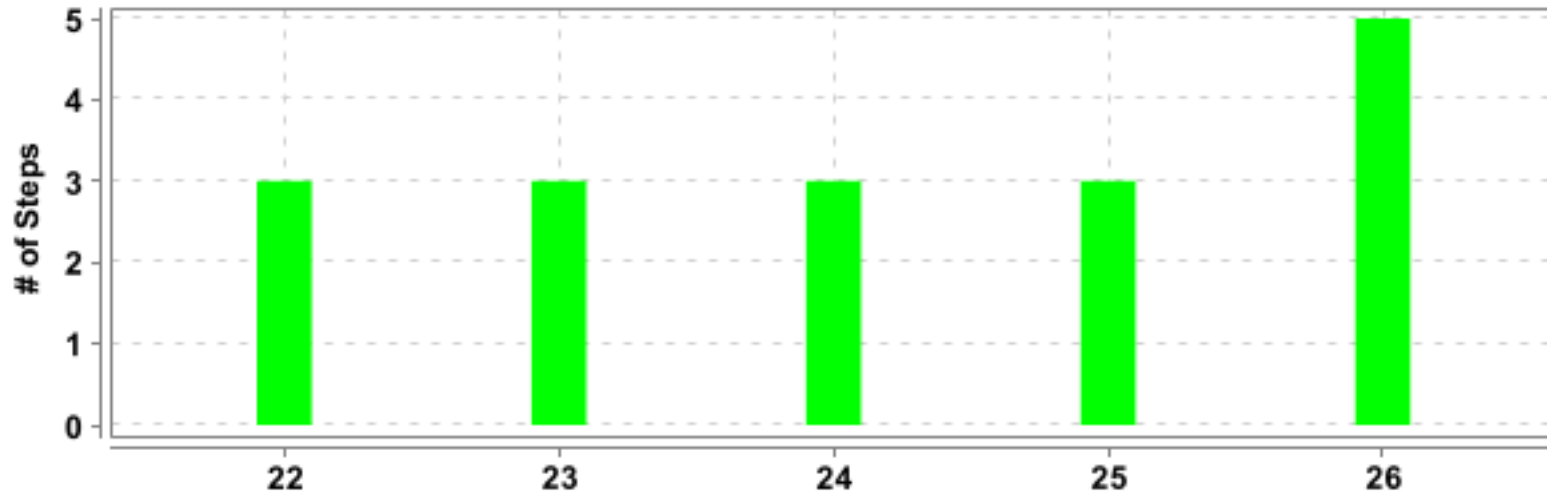| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|---|---|---|---|---|---|---|---|
| 7 | Data Structures-Introduction Functionality of DsAlgo Application | Verify that the popup is displayed with error message after entering "$$$$$" in try editor | 18 | 18 | 0 | 0 | 1 m 11.061 s |
| 8 | Data Structures-Introduction Functionality of DsAlgo Application | Verify that the popup is displayed with error message after entering "((((((" in try editor | 18 | 18 | 0 | 0 | 50.506 s |
| 9 | Data Structures-Introduction Functionality of DsAlgo Application | Verify that the user is not able to see output after entering "12345" in try editor | 17 | 17 | 0 | 0 | 1 m 7.728 s |
| 10 | Data Structures-Introduction Functionality of DsAlgo Application | Verify that the user is not able to see output without entering code in the try editor | 17 | 17 | 0 | 0 | 1 m 16.683 s |
| 11 | Data Structures-Introduction Functionality of DsAlgo Application | Verify that the user is navigated to the Practice page url | 16 | 16 | 0 | 0 | 20.577 s |
| 12 | Dashboard Functionality in DsAlgo Portal | Verify that the user opens the DsAlgo portal | 2 | 2 | 0 | 0 | 12.949 s |

| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|---|---|---|---|---|---|---|---|
| 13 | Dashboard Functionality in DsAlgo Portal | Verify the Dashboard page text in the DsAlgo portal | 2 | 2 | 0 | 0 | 5.867 s |
| 14 | Dashboard Functionality in DsAlgo Portal | Verify the Get Started button in the DsAlgo portal | 2 | 2 | 0 | 0 | 7.716 s |
| 15 | Dashboard Functionality in DsAlgo Portal | Verify that the NumpyNinja is displayed after clicking on the Get Started button of DsAlgo portal | 3 | 3 | 0 | 0 | 19.570 s |
| 16 | Dashboard Functionality in DsAlgo Portal | Verify that the DataStructures-dropdown is displayed after clicking on the Get Started button of DsAlgo portal | 3 | 3 | 0 | 0 | 16.529 s |
| 17 | Dashboard Functionality in DsAlgo Portal | Verify that the Register link is displayed after clicking on the Get Started button of DsAlgo portal | 3 | 3 | 0 | 0 | 20.465 s |

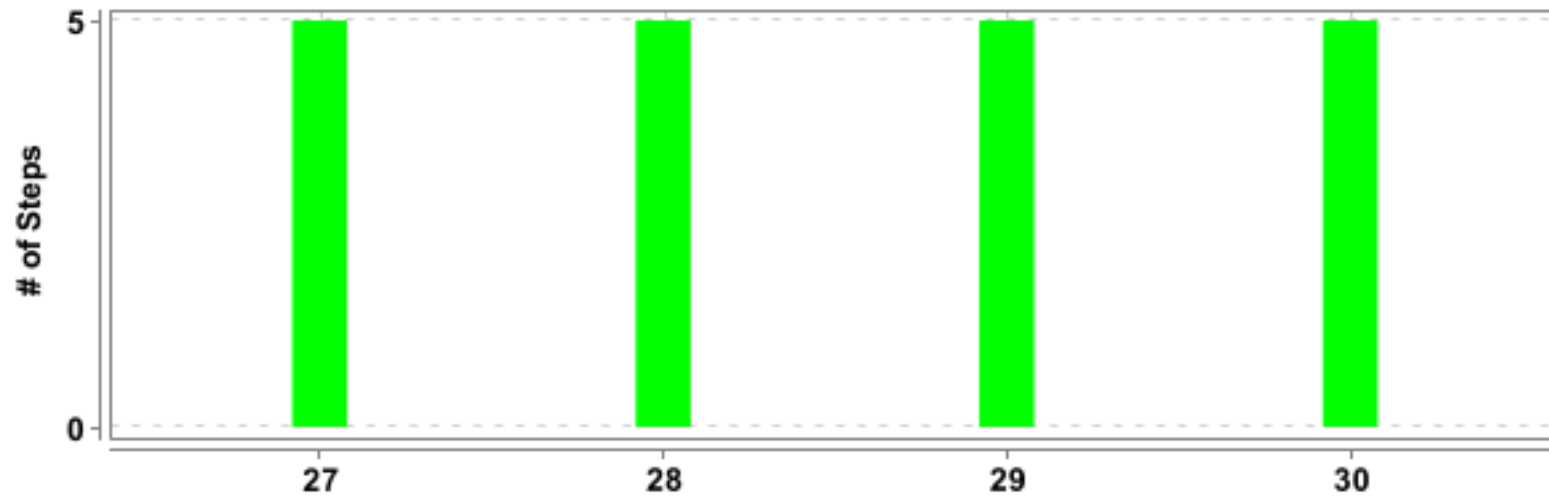| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|---|---|---|---|---|---|---|---|
| 18 | Dashboard Functionality in DsAlgo Portal | Verify that the Sign in link is displayed after clicking on the "Get Started" button of DsAlgo portal | 3 | 3 | 0 | 0 | 6.553 s |
| 19 | Dashboard Functionality in DsAlgo Portal | Verify that the DataStructures - Introduction Module with Get Started button is displayed after clicking on the Get Started * | 3 | 3 | 0 | 0 | 30.693 s |
| 20 | Dashboard Functionality in DsAlgo Portal | Verify that the Array Module with Get Started button is displayed after clicking on the Get Started button of DsAlgo * | 3 | 3 | 0 | 0 | 5.648 s |
| 21 | Dashboard Functionality in DsAlgo Portal | Verify that the Linked List Module with Get Started button is displayed after clicking on the Get Started button of DsAlgo * | 3 | 3 | 0 | 0 | 5.681 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 |
|---|---|---|---|---|---|---|---|
| 22 | Dashboard Functionality in DsAlgo Portal | Verify that the Stack Module with Get Started button is displayed after clicking on the Get Started button of DsAlgo * | 3 | 3 | 0 | 0 | 11.157 s |
| 23 | Dashboard Functionality in DsAlgo Portal | Verify that the Queue Module with Get Started button is displayed after clicking on the Get Started button of DsAlgo * | 3 | 3 | 0 | 0 | 8.303 s |
| 24 | Dashboard Functionality in DsAlgo Portal | Verify that the Tree Module with Get Started button is displayed after clicking on the Get Started button of DsAlgo * | 3 | 3 | 0 | 0 | 7.988 s |
| 25 | Dashboard Functionality in DsAlgo Portal | Verify that the Graph Module with Get Started button is displayed after clicking on the Get Started button of DsAlgo * | 3 | 3 | 0 | 0 | 11.117 s |
| 26 | Home Page Functionality of DsAlgo Application | Verify that the warning message is displayed when selecting Arrays option from the Data Structures dropdown without * | 5 | 5 | 0 | 0 | 11.486 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 |
|---|---|---|---|---|---|---|---|
| 27 | Home Page Functionality of DsAlgo Application | Verify that the warning message is displayed when selecting Linked List option from the Data Structures dropdown * | 5 | 5 | 0 | 0 | 10.948 s |
| 28 | Home Page Functionality of DsAlgo Application | Verify that the warning message is displayed when selecting Stack option from the Data Structures dropdown without * | 5 | 5 | 0 | 0 | 7.912 s |
| 29 | Home Page Functionality of DsAlgo Application | Verify that the warning message is displayed when selecting Queue option from the Data Structures dropdown without * | 5 | 5 | 0 | 0 | 9.593 s |
| 30 | Home Page Functionality of DsAlgo Application | Verify that the warning message is displayed when selecting Tree option from the Data Structures dropdown without * | 5 | 5 | 0 | 0 | 14.152 s |

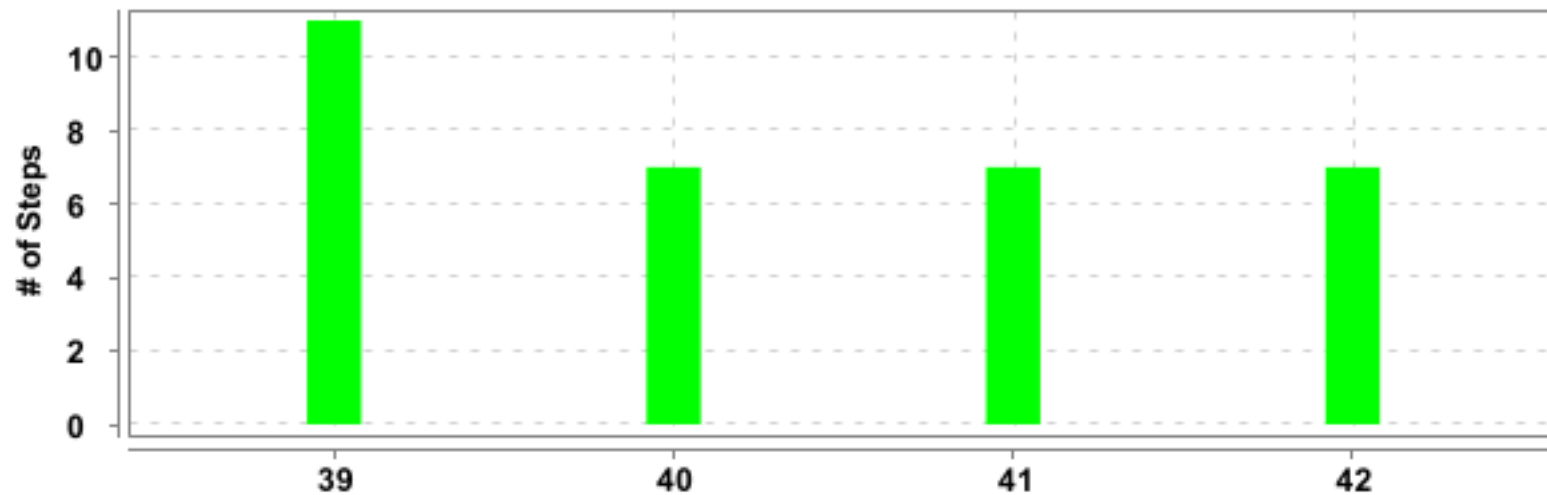* The feature name and/or scenario name has been cropped to fit in the available space.
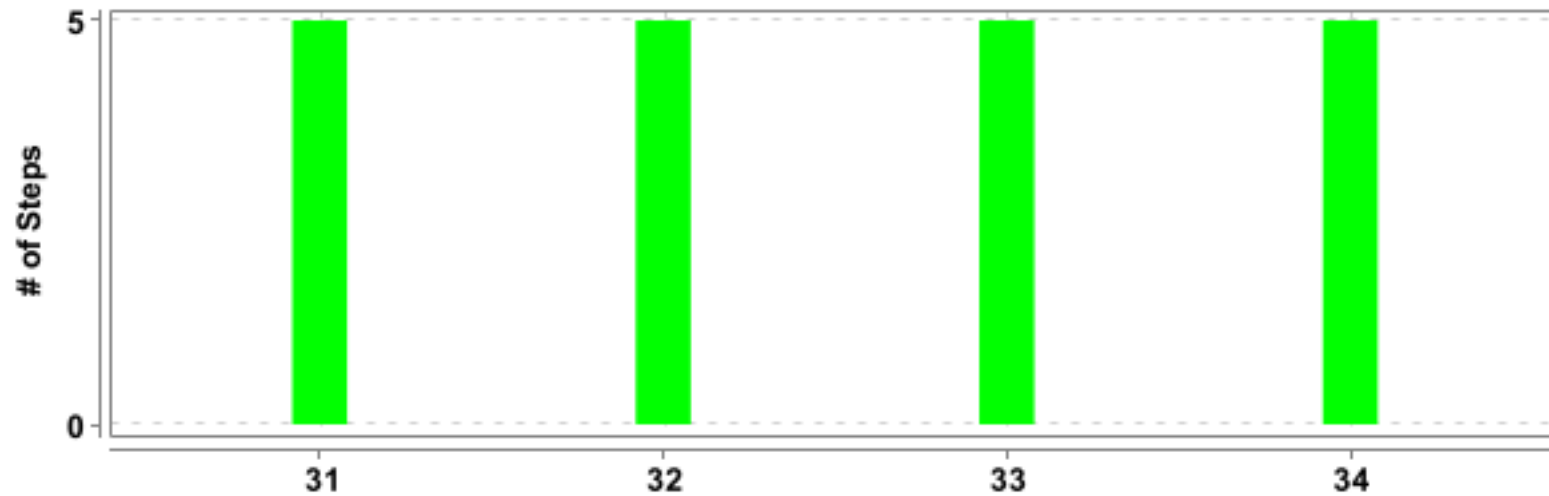
| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|---|---|---|---|---|---|---|---|
| 31 | Home Page Functionality of DsAlgo Application | Verify that the warning message is displayed when selecting Graph option from the Data Structures dropdown without * | 5 | 5 | 0 | 0 | 10.752 s |
| 32 | Home Page Functionality of DsAlgo Application | Verify that the warning message is displayed when user clicks on Get Started button of Data Structures - Introduct * | 5 | 5 | 0 | 0 | 10.699 s |
| 33 | Home Page Functionality of DsAlgo Application | Verify that the warning message is displayed when user clicks on Get Started button of Array module without signin | 5 | 5 | 0 | 0 | 7.583 s |
| 34 | Home Page Functionality of DsAlgo Application | Verify that the warning message is displayed when user clicks on Get Started button of Linked List module without * | 5 | 5 | 0 | 0 | 20.065 s |

* The feature name and/or scenario name has been cropped to fit in the available space.
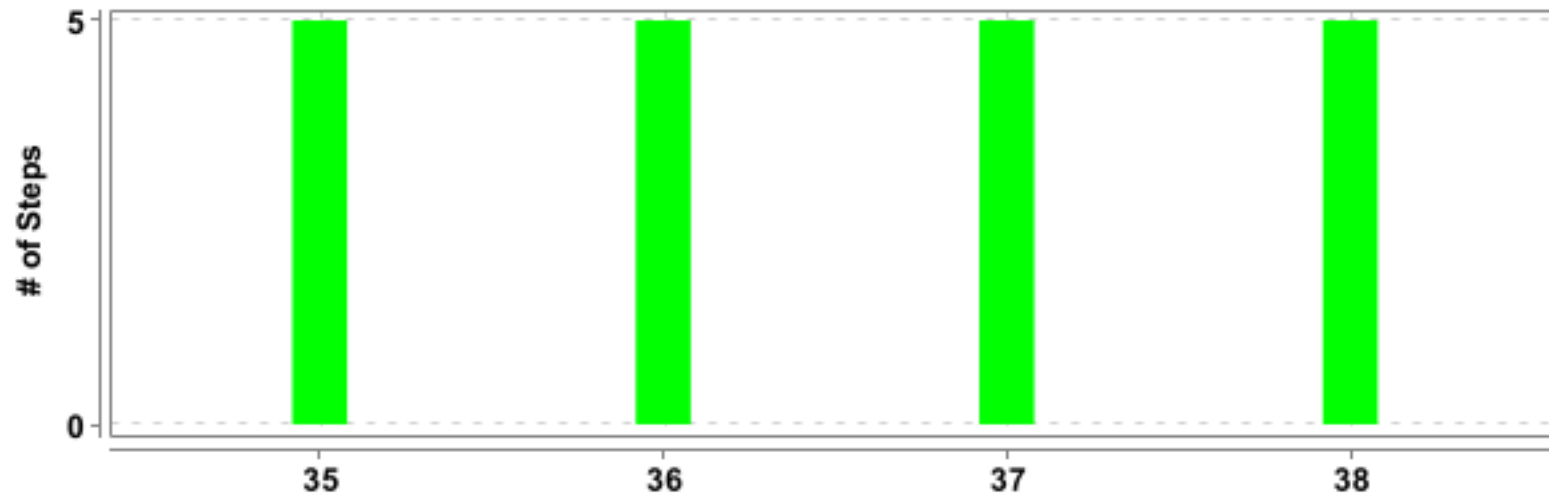
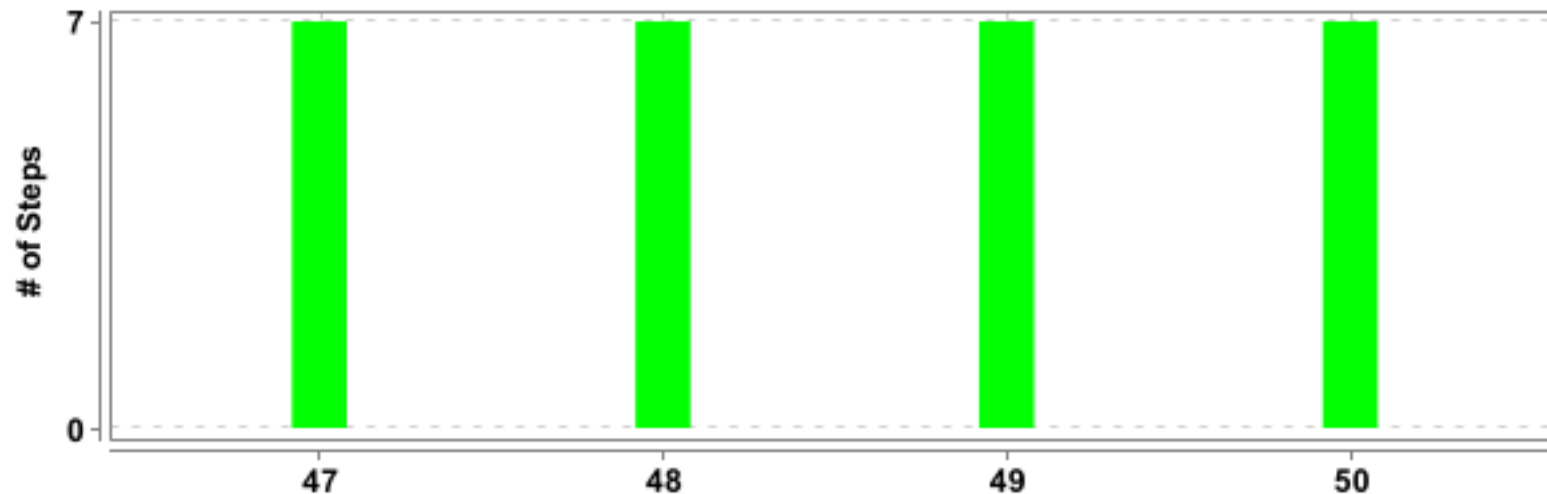| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|---|---|---|---|---|---|---|---|
| 35 | Home Page Functionality of DsAlgo Application | Verify that the warning message is displayed when user clicks on Get Started button of Stack module without signin | 5 | 5 | 0 | 0 | 9.455 s |
| 36 | Home Page Functionality of DsAlgo Application | Verify that the warning message is displayed when user clicks on Get Started button of Queue module without signin | 5 | 5 | 0 | 0 | 29.813 s |
| 37 | Home Page Functionality of DsAlgo Application | Verify that the warning message is displayed when user clicks on Get Started button of Tree module without signin | 5 | 5 | 0 | 0 | 6.973 s |
| 38 | Home Page Functionality of DsAlgo Application | Verify that the warning message is displayed when user clicks on Get Started button of Graph module without signin | 5 | 5 | 0 | 0 | 8.972 s |

| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|---|---|---|---|---|---|---|---|
| 39 | Login Functionality of DsAlgo Application | Verify that the user can able to logged in successfully after entering valid username and password | 11 | 11 | 0 | 0 | 15.863 s |
| 40 | Login Functionality of DsAlgo Application | Verify that the error message is displayed when the user enters an invalid username and password | 7 | 7 | 0 | 0 | 13.782 s |
| 41 | Login Functionality of DsAlgo Application | Verify that the tooltip message is displayed when user clicks on Login button by leaving Username and Password fields * | 7 | 7 | 0 | 0 | 14.258 s |
| 42 | Login Functionality of DsAlgo Application | Verify that the tooltip message is displayed when user clicks on Login button after entering Username field and leaving * | 7 | 7 | 0 | 0 | 7.459 s |

* The feature name and/or scenario name has been cropped to fit in the available space.
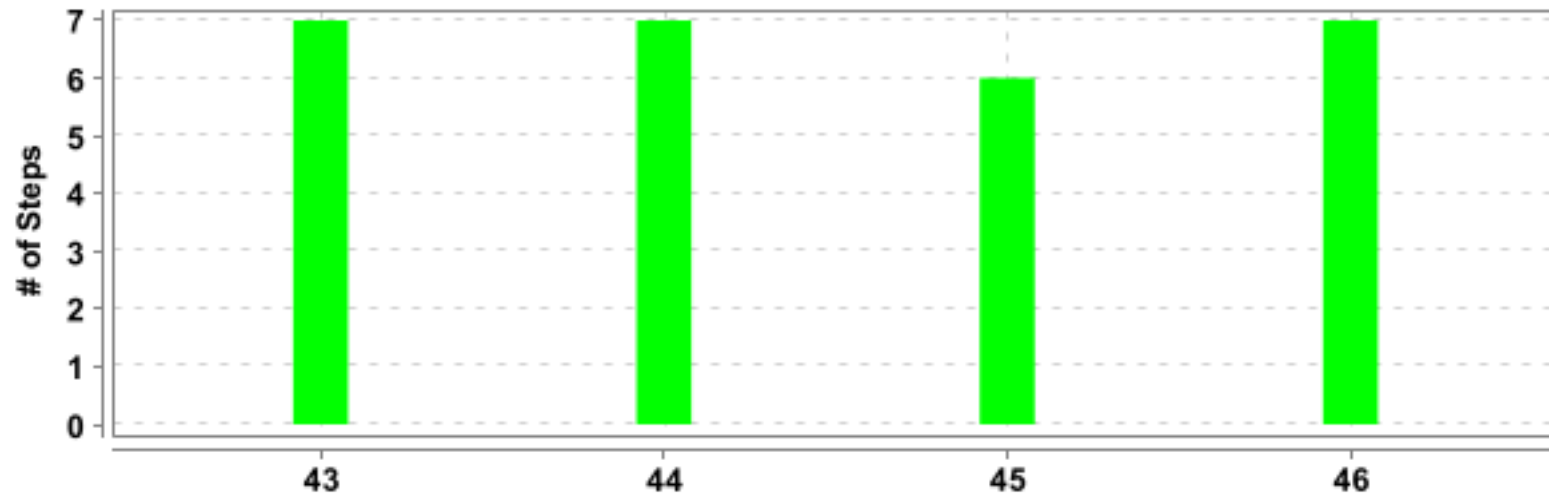
| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|---|---|---|---|---|---|---|---|
| 43 | Login Functionality of DsAlgo Application | Verify that the tooltip message is displayed when user clicks on Login button after entering valid Username field and * | 7 | 7 | 0 | 0 | 10.174 s |
| 44 | Login Functionality of DsAlgo Application | Verify that the tooltip message is displayed when user clicks on Login button after entering invalid Username field and * | 7 | 7 | 0 | 0 | 19.191 s |
| 45 | Login Functionality of DsAlgo Application | Verify that the user navigates to the Register page from Login page | 6 | 6 | 0 | 0 | 9.149 s |
| 46 | Registration Functionality of DsAlgo Application | Verify that the tooltip message is displayed when user clicks on Register button by leaving all the fields empty | 7 | 7 | 0 | 0 | 16.128 s |

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

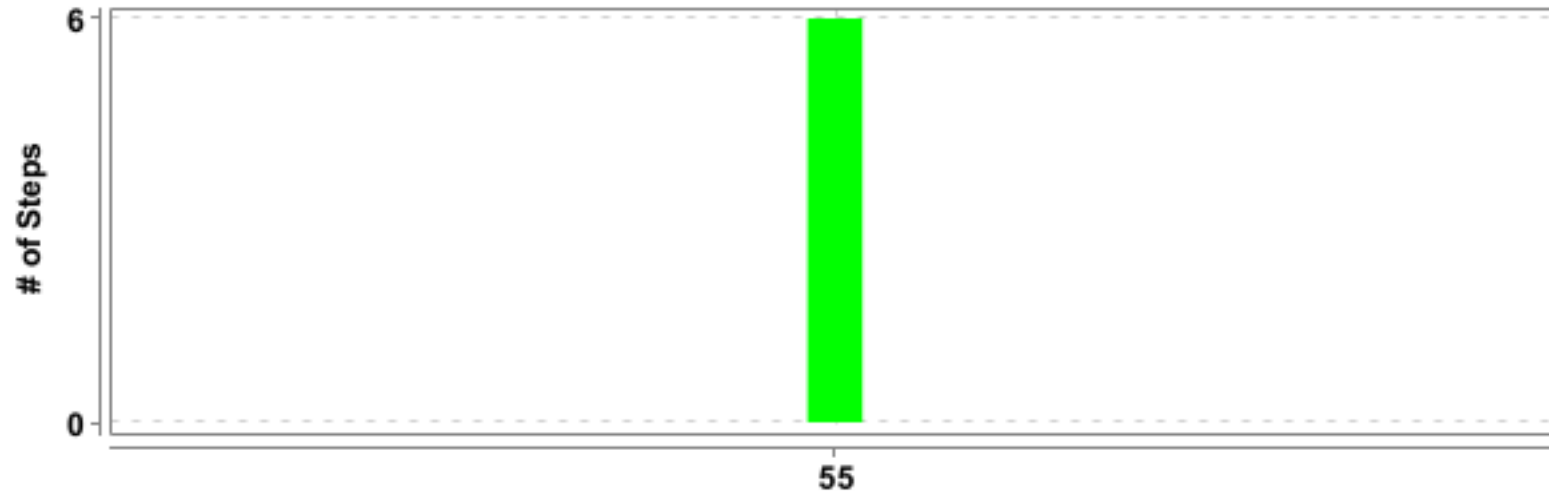| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|---|---|---|---|---|---|---|---|
| 47 | Registration Functionality of DsAlgo Application | Verify that the tooltip message is displayed when user clicks on Register button after entering Username field and leav * | 7 | 7 | 0 | 0 | 9.839 s |
| 48 | Registration Functionality of DsAlgo Application | Verify that the tooltip message is displayed when user clicks on Register button after entering Username field and * | 7 | 7 | 0 | 0 | 12.297 s |
| 49 | Registration Functionality of DsAlgo Application | Verify that the error message is displayed when user clicks on Register button after entering mismatched passwords in * | 7 | 7 | 0 | 0 | 16.217 s |
| 50 | Registration Functionality of DsAlgo Application | Verify that the error message is displayed when user clicks on Register button after entering invalid values in Usern * | 7 | 7 | 0 | 0 | 11.035 s |

*The feature name and/or scenario name has been cropped to fit in the available space.*
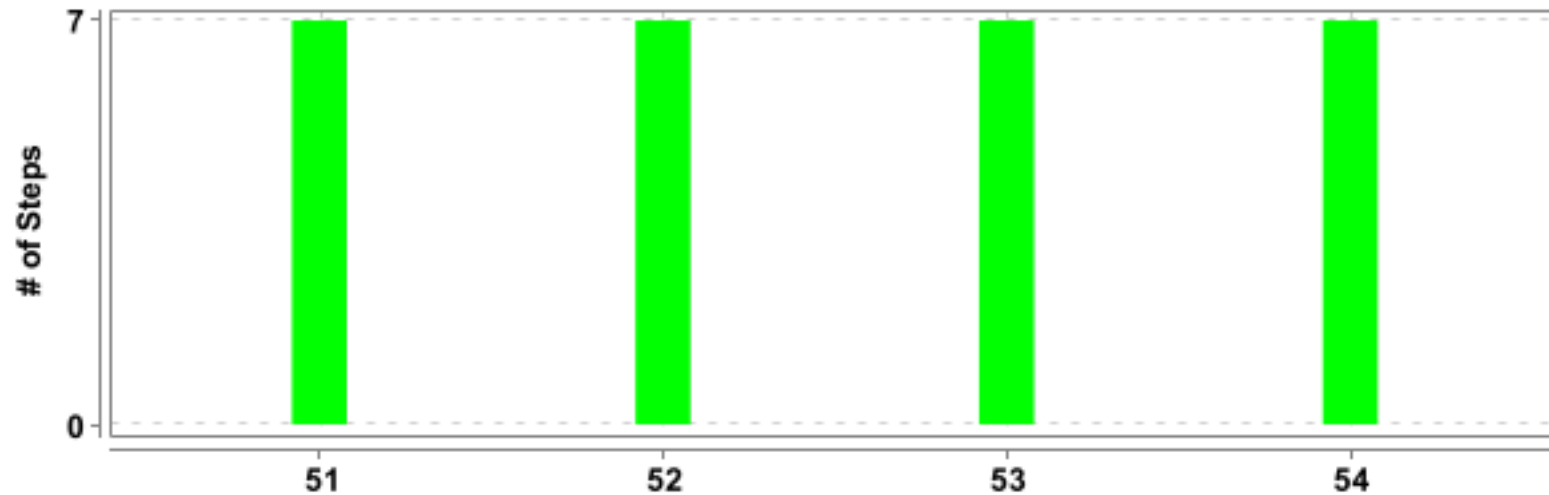
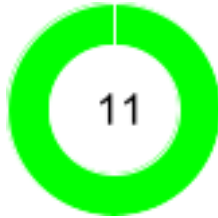| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|---|---|---|---|---|---|---|---|
| 51 | Registration Functionality of DsAlgo Application | Verify that the error message is displayed when user clicks on Register button after entering invalid values in Usern * | 7 | 7 | 0 | 0 | 14.141 s |
| 52 | Registration Functionality of DsAlgo Application | Verify that the error message is displayed when user clicks on Register button after entering invalid values in Usern * | 7 | 7 | 0 | 0 | 14.375 s |
| 53 | Registration Functionality of DsAlgo Application | Verify that the error message is displayed when user clicks on Register button after entering invalid values in Usern * | 7 | 7 | 0 | 0 | 12.729 s |
| 54 | Registration Functionality of DsAlgo Application | Verify that the user can able to create a new account successfully after entering valid Username,Password and * | 7 | 7 | 0 | 0 | 14.670 s |

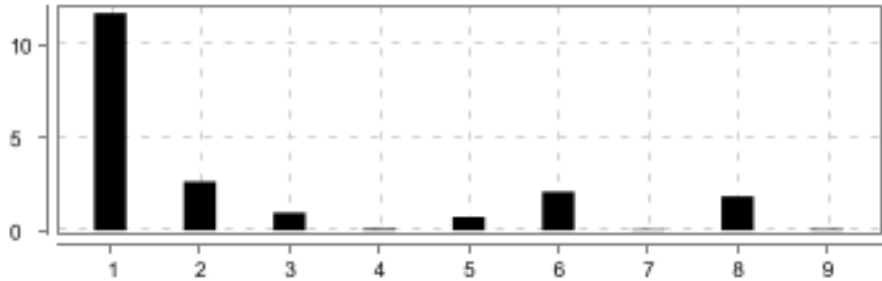*\* The feature name and/or scenario name has been cropped to fit in the available space.*

| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|---|---|---|---|---|---|---|---|
| 55 | Registration Functionality of DsAlgo Application | Verify that the user navigates to Login page from Register Page | 6 | 6 | 0 | 0 | 15.400 s |

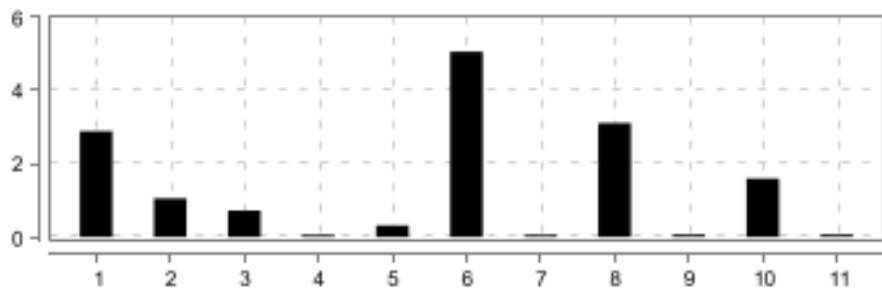## Data Structures-Introduction Functionality of DsAlgo Application

| PASSED | DURATION - 10 m 44.836 s | Scenarios<br>Total - 11<br>Pass - 11<br>Fail - 0<br>Skip - 0 | 11 | Steps<br>Total - 173<br>Pass - 173<br>Fail - 0<br>Skip - 0 | 173 |
|---|---|---|---|---|---|
| / 8:38:01.872 PM // 8:48:46.708 PM / | | | | | |

## Verify that the user is navigated to the Data Structures-Introduction page

| PASSED | DURATION - 23.803 s | | Steps<br>Total - 9<br>Pass - 9<br>Fail - 0<br>Skip - 0 | 9 |
|---|---|---|---|---|
| / 8:38:01.877 PM // 8:38:25.680 PM / | | | | |
| Data Structures-Introduction Functionality of DsAlgo Application | | | | |

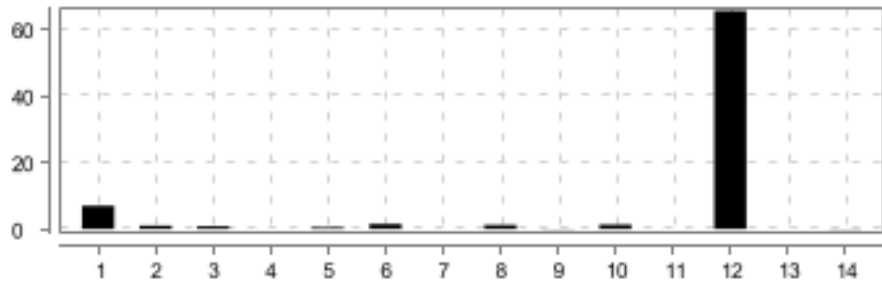| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario)<br>Launching on browser: chrome | PASSED | 2.575 s |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 11.682 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 2.621 s |
| 3 | And user clicks on Sign in link in the Home page | PASSED | 0.953 s |
| 4 | Then the page title should be displayed as "Login" | PASSED | 0.097 s |
| 5 | When the user enters valid Username and Password in the Login form<br><br>Username sgs123@gmail.com<br>Password Stars@123 | PASSED | 0.730 s |
| 6 | And user clicks on Login button | PASSED | 2.077 s |
| 7 | Then the page title should be displayed as "NumpyNinja" | PASSED | 0.062 s |
| 8 | When the user clicks on Get Started button below Data Structures - Introduction module | PASSED | 1.834 s |
| 9 | Then the page title should be displayed as "Data Structures-Introduction" | PASSED | 0.066 s |

## Verify that the user is navigated to the time-complexity page

| *PASSED* | *DURATION - 16.911 s* |
|---|---|

*/ 8:38:25.875 PM // 8:38:42.786 PM /*

*Data Structures-Introduction Functionality of DsAlgo Application*
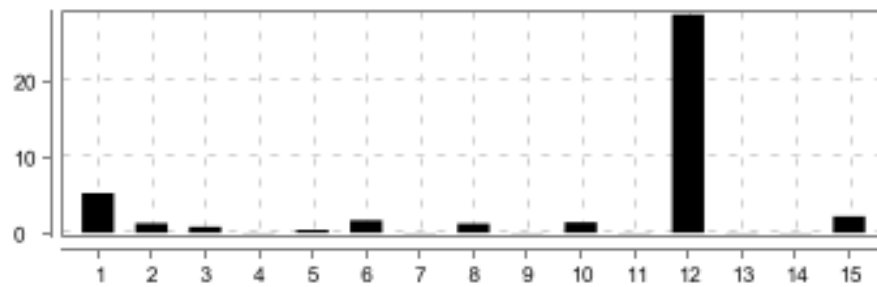


**Steps**
Total - 11
Pass - 11
Fail - 0
Skip - 0

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) <br> Launching on browser: chrome | PASSED | 1.398 s |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 2.880 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 1.050 s |
| 3 | And user clicks on Sign in link in the Home page | PASSED | 0.725 s |
| 4 | Then the page title should be displayed as "Login" | PASSED | 0.051 s |
| 5 | When the user enters valid Username and Password in the Login form <br> Username sgs123@gmail.com <br> Password Stars@123 | PASSED | 0.309 s |
| 6 | And user clicks on Login button | PASSED | 5.052 s |
| 7 | Then the page title should be displayed as "NumpyNinja" | PASSED | 0.057 s |
| 8 | When the user clicks on Get Started button below Data Structures - Introduction module | PASSED | 3.109 s |
| 9 | Then the page title should be displayed as "Data Structures-Introduction" | PASSED | 0.066 s |
| 10 | When the user clicks on time-complexity link in Data Structures - Introduction page | PASSED | 1.590 s |
| 11 | Then the page title should be displayed as "Time Complexity" | PASSED | 0.064 s |

### Verify that the user is navigated to the try editor page

| *PASSED* | *DURATION - 1 m 21.440 s* |
|---|---|

*/ 8:38:42.844 PM // 8:40:04.284 PM /*

*Data Structures-Introduction Functionality of DsAlgo Application*



**Steps**
Total - 14
Pass - 14
Fail - 0
Skip - 0

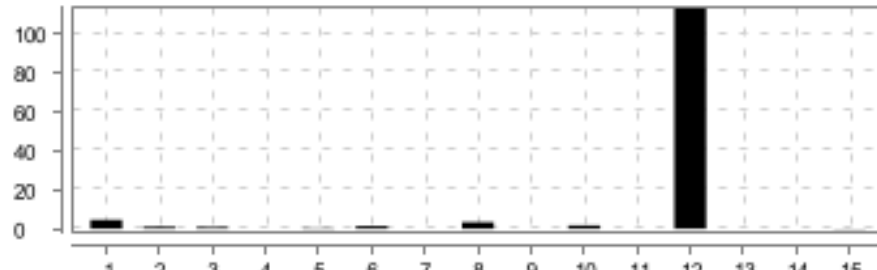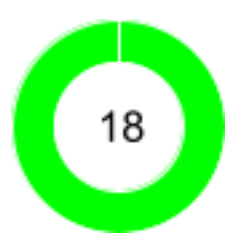| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 2.141 s |
| | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 6.975 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 0.948 s |
| 3 | And user clicks on Sign in link in the Home page | PASSED | 0.754 s |
| 4 | Then the page title should be displayed as "Login" | PASSED | 0.041 s |
| 5 | When the user enters valid Username and Password in the Login form | PASSED | 0.484 s |
| | Username sgs123@gmail.com<br>Password Stars@123 | | |
| 6 | And user clicks on Login button | PASSED | 1.513 s |
| 7 | Then the page title should be displayed as "NumpyNinja" | PASSED | 0.054 s |
| 8 | When the user clicks on Get Started button below Data Structures - Introduction module | PASSED | 1.167 s |
| 9 | Then the page title should be displayed as "Data Structures-Introduction" | PASSED | 0.067 s |
| 10 | When the user clicks on time-complexity link in Data Structures - Introduction page | PASSED | 1.237 s |
| 11 | Then the page title should be displayed as "Time Complexity" | PASSED | 0.060 s |
| 12 | When the user clicks on Try here button after scrolling down in time-complexity page | PASSED | 1 m 5.459 s |
| 13 | Then the page title should be displayed as "Assessment" | PASSED | 0.056 s |
| 14 | And the page url should be displayed as "https://dsportalapp.herokuapp.com/tryEditor" | PASSED | 0.067 s |

### Verify that the user is able to see an output for valid python code

| PASSED | DURATION - 45.308 s |
|---|---|
| / 8:40:04.312 PM // 8:40:49.620 PM / | |
| *Data Structures-Introduction Functionality of DsAlgo Application* | |



Steps
Total - 17
Pass - 17
Fail - 0
Skip - 0

17

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 1.405 s |
| | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 5.191 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 1.251 s |

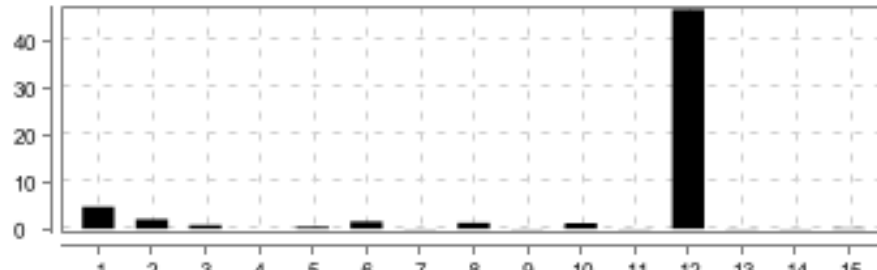| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| 3 | And user clicks on Sign in link in the Home page | PASSED | 0.784 s |
| 4 | Then the page title should be displayed as "Login" | PASSED | 0.050 s |
| 5 | When the user enters valid Username and Password in the Login form<br><br>Username sgs123@gmail.com<br>Password Stars@123 | PASSED | 0.390 s |
| 6 | And user clicks on Login button | PASSED | 1.641 s |
| 7 | Then the page title should be displayed as "NumpyNinja" | PASSED | 0.035 s |
| 8 | When the user clicks on Get Started button below Data Structures - Introduction module | PASSED | 1.199 s |
| 9 | Then the page title should be displayed as "Data Structures-Introduction" | PASSED | 0.051 s |
| 10 | When the user clicks on time-complexity link in Data Structures - Introduction page | PASSED | 1.400 s |
| 11 | Then the page title should be displayed as "Time Complexity" | PASSED | 0.058 s |
| 12 | When the user clicks on Try here button after scrolling down in time-complexity page | PASSED | 28.701 s |
| 13 | Then the page title should be displayed as "Assessment" | PASSED | 0.052 s |
| 14 | And the page url should be displayed as "https://dsportalapp.herokuapp.com/tryEditor" | PASSED | 0.066 s |
| 15 | When the user enters Python Code from "DS-Introduction" and 0 in try editor | PASSED | 2.150 s |
| 16 | And user clicks on Run button | PASSED | 0.239 s |
| 17 | Then the user should get output from "DS-Introduction" and 0 below Run button | PASSED | 0.203 s |

### Verify that the popup is displayed with error message for invalid python code with spaces in try editor

| PASSED | DURATION - 2 m 8.884 s | | Steps | |
|---|---|---|---|---|
| / 8:40:49.637 PM // 8:42:58.521 PM / | |  | Total - 18<br>Pass - 18<br>Fail - 0<br>Skip - 0 | 18 |
| *Data Structures-Introduction Functionality of DsAlgo Application* | | | | |

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
|  | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario)<br>Launching on browser: chrome | PASSED | 1.602 s |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 4.522 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 1.091 s |
| 3 | And user clicks on Sign in link in the Home page | PASSED | 0.813 s |

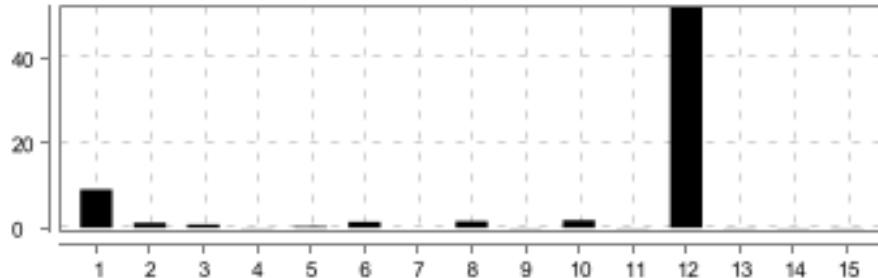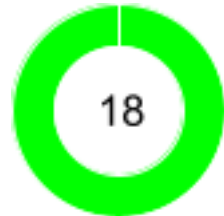| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| 4 | Then the page title should be displayed as "Login" | PASSED | 0.048 s |
| 5 | When the user enters valid Username and Password in the Login form<br><br>  Username   sgs123@gmail.com<br>  Password   Stars@123 | PASSED | 0.407 s |
| 6 | And user clicks on Login button | PASSED | 1.368 s |
| 7 | Then the page title should be displayed as "NumpyNinja" | PASSED | 0.049 s |
| 8 | When the user clicks on Get Started button below Data Structures - Introduction module | PASSED | 3.425 s |
| 9 | Then the page title should be displayed as "Data Structures-Introduction" | PASSED | 0.048 s |
| 10 | When the user clicks on time-complexity link in Data Structures - Introduction page | PASSED | 1.670 s |
| 11 | Then the page title should be displayed as "Time Complexity" | PASSED | 0.051 s |
| 12 | When the user clicks on Try here button after scrolling down in time-complexity page | PASSED | 1 m 52.762 s |
| 13 | Then the page title should be displayed as "Assessment" | PASSED | 0.053 s |
| 14 | And the page url should be displayed as "https://dsportalapp.herokuapp.com/tryEditor" | PASSED | 0.057 s |
| 15 | When the user enters Python Code from "DS-Introduction" and 1 with prefix space | PASSED | 0.149 s |
| 16 | And user clicks on Run button | PASSED | 0.231 s |
| 17 | Then the user should get pop up message from "DS-Introduction" and 1 | PASSED | 0.122 s |
| 18 | And user clicks on OK button in the popup | PASSED | 0.037 s |

## Verify that the popup is displayed with error message after entering letters or any characters in try editor

| PASSED | DURATION - 1 m 1.509 s |
|---|---|
| / 8:42:58.537 PM // 8:44:00.046 PM / | |
| Data Structures-Introduction Functionality of DsAlgo Application | |

Steps
Total - 18
Pass - 18
Fail - 0
Skip - 0

18

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario)<br>Launching on browser: chrome | PASSED | 1.770 s |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 4.683 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 2.013 s |
| 3 | And user clicks on Sign in link in the Home page | PASSED | 0.790 s |

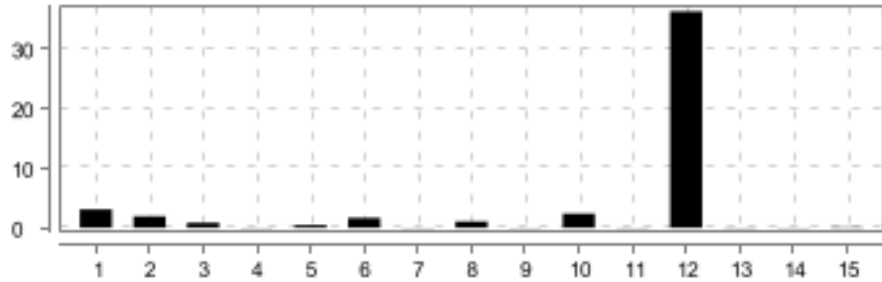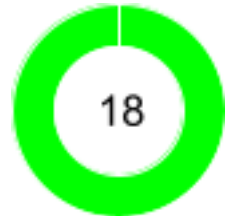| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| 4 | Then the page title should be displayed as "Login" | PASSED | 0.031 s |
| 5 | When the user enters valid Username and Password in the Login form<br><br>Username sgs123@gmail.com<br>Password Stars@123 | PASSED | 0.408 s |
| 6 | And user clicks on Login button | PASSED | 1.551 s |
| 7 | Then the page title should be displayed as "NumpyNinja" | PASSED | 0.047 s |
| 8 | When the user clicks on Get Started button below Data Structures - Introduction module | PASSED | 1.251 s |
| 9 | Then the page title should be displayed as "Data Structures-Introduction" | PASSED | 0.051 s |
| 10 | When the user clicks on time-complexity link in Data Structures - Introduction page | PASSED | 1.184 s |
| 11 | Then the page title should be displayed as "Time Complexity" | PASSED | 0.057 s |
| 12 | When the user clicks on Try here button after scrolling down in time-complexity page | PASSED | 46.706 s |
| 13 | Then the page title should be displayed as "Assessment" | PASSED | 0.054 s |
| 14 | And the page url should be displayed as "https://dsportalapp.herokuapp.com/tryEditor" | PASSED | 0.049 s |
| 15 | When the user enters Python Code from "DS-Introduction" and 2 in try editor | PASSED | 0.119 s |
| 16 | And user clicks on Run button | PASSED | 0.228 s |
| 17 | Then the user should get pop up message from "DS-Introduction" and 2 | PASSED | 0.081 s |
| 18 | And user clicks on OK button in the popup | PASSED | 0.036 s |

## Verify that the popup is displayed with error message after entering "$$$$$" in try editor

| PASSED | DURATION - 1 m 11.061 s | | Steps |
|---|---|---|---|
| / 8:44:00.081 PM // 8:45:11.142 PM / | |  | Total - 18<br>Pass - 18<br>Fail - 0<br>Skip - 0 |
| Data Structures-Introduction Functionality of DsAlgo Application | | | |

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
|  | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario)<br>Launching on browser: chrome | PASSED | 1.702 s |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 9.041 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 1.191 s |
| 3 | And user clicks on Sign in link in the Home page | PASSED | 0.793 s |

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| 4 | Then the page title should be displayed as "Login" | PASSED | 0.063 s |
| 5 | When the user enters valid Username and Password in the Login form | PASSED | 0.337 s |
| | Username sgs123@gmail.com<br>Password Stars@123 | | |
| 6 | And user clicks on Login button | PASSED | 1.435 s |
| 7 | Then the page title should be displayed as "NumpyNinja" | PASSED | 0.045 s |
| 8 | When the user clicks on Get Started button below Data Structures - Introduction module | PASSED | 1.568 s |
| 9 | Then the page title should be displayed as "Data Structures-Introduction" | PASSED | 0.066 s |
| 10 | When the user clicks on time-complexity link in Data Structures - Introduction page | PASSED | 1.813 s |
| 11 | Then the page title should be displayed as "Time Complexity" | PASSED | 0.081 s |
| 12 | When the user clicks on Try here button after scrolling down in time-complexity page | PASSED | 51.940 s |
| 13 | Then the page title should be displayed as "Assessment" | PASSED | 0.052 s |
| 14 | And the page url should be displayed as "https://dsportalapp.herokuapp.com/tryEditor" | PASSED | 0.058 s |
| 15 | When the user enters Python Code from "DS-Introduction" and 3 in try editor | PASSED | 0.101 s |
| 16 | And user clicks on Run button | PASSED | 0.216 s |
| 17 | Then the user should get pop up message from "DS-Introduction" and 3 | PASSED | 0.080 s |
| 18 | And user clicks on OK button in the popup | PASSED | 0.029 s |

## Verify that the popup is displayed with error message after entering "((((((" in try editor
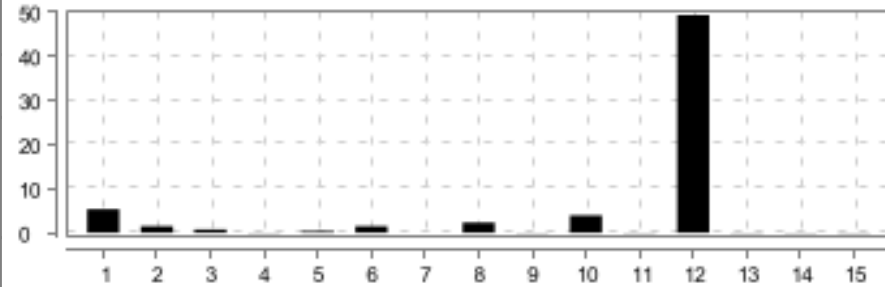
| PASSED | DURATION - 50.506 s | | Steps | |
|---|---|---|---|---|
| / 8:45:11.157 PM // 8:46:01.663 PM / | |  | Total - 18 |  |
| *Data Structures-Introduction Functionality of DsAlgo Application* | | | Pass - 18 | |
| | | | Fail - 0 | |
| | | | Skip - 0 | |

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 1.518 s |
| | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 3.107 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 1.923 s |
| 3 | And user clicks on Sign in link in the Home page | PASSED | 0.821 s |

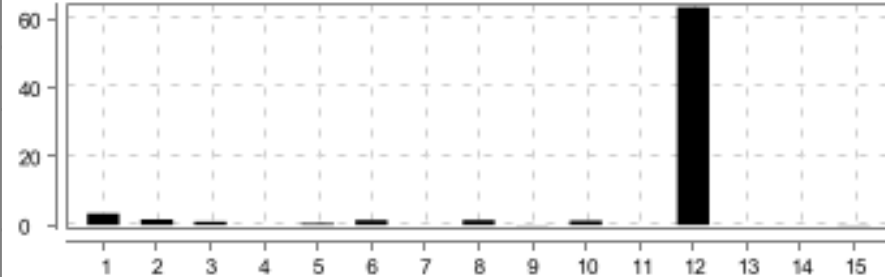| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| 4 | Then the page title should be displayed as "Login" | PASSED | 0.077 s |
| 5 | When the user enters valid Username and Password in the Login form | PASSED | 0.435 s |
| | Username sgs123@gmail.com Password Stars@123 | | |
| 6 | And user clicks on Login button | PASSED | 1.662 s |
| 7 | Then the page title should be displayed as "NumpyNinja" | PASSED | 0.055 s |
| 8 | When the user clicks on Get Started button below Data Structures - Introduction module | PASSED | 1.076 s |
| 9 | Then the page title should be displayed as "Data Structures-Introduction" | PASSED | 0.051 s |
| 10 | When the user clicks on time-complexity link in Data Structures - Introduction page | PASSED | 2.371 s |
| 11 | Then the page title should be displayed as "Time Complexity" | PASSED | 0.054 s |
| 12 | When the user clicks on Try here button after scrolling down in time-complexity page | PASSED | 36.272 s |
| 13 | Then the page title should be displayed as "Assessment" | PASSED | 0.046 s |
| 14 | And the page url should be displayed as "https://dsportalapp.herokuapp.com/tryEditor" | PASSED | 0.052 s |
| 15 | When the user enters Python Code from "DS-Introduction" and 4 in try editor | PASSED | 0.141 s |
| 16 | And user clicks on Run button | PASSED | 0.224 s |
| 17 | Then the user should get pop up message from "DS-Introduction" and 4 | PASSED | 0.080 s |
| 18 | And user clicks on OK button in the popup | PASSED | 0.030 s |

## Verify that the user is not able to see output after entering "12345" in try editor

| PASSED | DURATION - 1 m 7.728 s | | | |
|---|---|---|---|---|
| / 8:46:01.683 PM // 8:47:09.411 PM / | | | Steps | |
| Data Structures-Introduction Functionality of DsAlgo Application | | | Total - 17 Pass - 17 Fail - 0 Skip - 0 | 17 |

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 1.521 s |
| | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 5.331 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 1.498 s |
| 3 | And user clicks on Sign in link in the Home page | PASSED | 0.750 s |

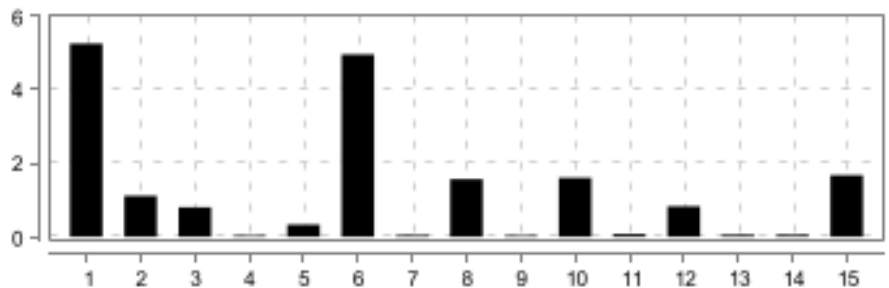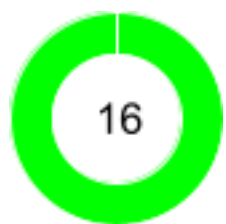| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| 4 | Then the page title should be displayed as "Login" | PASSED | 0.065 s |
| 5 | When the user enters valid Username and Password in the Login form<br><br>  Username    sgs123@gmail.com<br>  Password    Stars@123 | PASSED | 0.385 s |
| 6 | And user clicks on Login button | PASSED | 1.503 s |
| 7 | Then the page title should be displayed as "NumpyNinja" | PASSED | 0.041 s |
| 8 | When the user clicks on Get Started button below Data Structures - Introduction module | PASSED | 2.284 s |
| 9 | Then the page title should be displayed as "Data Structures-Introduction" | PASSED | 0.058 s |
| 10 | When the user clicks on time-complexity link in Data Structures - Introduction page | PASSED | 3.960 s |
| 11 | Then the page title should be displayed as "Time Complexity" | PASSED | 0.083 s |
| 12 | When the user clicks on Try here button after scrolling down in time-complexity page | PASSED | 49.308 s |
| 13 | Then the page title should be displayed as "Assessment" | PASSED | 0.054 s |
| 14 | And the page url should be displayed as "https://dsportalapp.herokuapp.com/tryEditor" | PASSED | 0.057 s |
| 15 | When the user enters Python Code from "DS-Introduction" and 5 in try editor | PASSED | 0.110 s |
| 16 | And user clicks on Run button | PASSED | 0.224 s |
| 17 | Then the user should not able to see output below Run button | PASSED | 0.059 s |

### Verify that the user is not able to see output without entering code in the try editor

| PASSED | DURATION - 1 m 16.683 s | | Steps |
|---|---|---|---|
| / 8:47:09.434 PM // 8:48:26.117 PM / | | | Total - 17 |
| *Data Structures-Introduction Functionality of DsAlgo Application* | | | Pass - 17<br>Fail - 0<br>Skip - 0 |



| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario)<br>Launching on browser: chrome | PASSED | 1.619 s |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 3.372 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 1.635 s |
| 3 | And user clicks on Sign in link in the Home page | PASSED | 0.974 s |
| 4 | Then the page title should be displayed as "Login" | PASSED | 0.056 s |

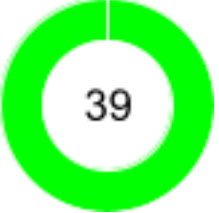| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| 5 | When the user enters valid Username and Password in the Login form<br><br>Username sgs123@gmail.com<br>Password Stars@123 | PASSED | 0.510 s |
| 6 | And user clicks on Login button | PASSED | 1.457 s |
| 7 | Then the page title should be displayed as "NumpyNinja" | PASSED | 0.051 s |
| 8 | When the user clicks on Get Started button below Data Structures - Introduction module | PASSED | 1.402 s |
| 9 | Then the page title should be displayed as "Data Structures-Introduction" | PASSED | 0.060 s |
| 10 | When the user clicks on time-complexity link in Data Structures - Introduction page | PASSED | 1.246 s |
| 11 | Then the page title should be displayed as "Time Complexity" | PASSED | 0.051 s |
| 12 | When the user clicks on Try here button after scrolling down in time-complexity page | PASSED | 1 m 3.383 s |
| 13 | Then the page title should be displayed as "Assessment" | PASSED | 0.049 s |
| 14 | And the page url should be displayed as "https://dsportalapp.herokuapp.com/tryEditor" | PASSED | 0.052 s |
| 15 | When the user enters Python Code from "DS-Introduction" and 6 in try editor | PASSED | 0.085 s |
| 16 | And user clicks on Run button | PASSED | 0.235 s |
| 17 | Then the user should not able to see output below Run button | PASSED | 0.062 s |

### Verify that the user is navigated to the Practice page url

| PASSED | DURATION - 20.577 s |
|---|---|
| / 8:48:26.131 PM // 8:48:46.708 PM / | |
| Data Structures-Introduction Functionality of DsAlgo Application | |



Steps
Total - 16
Pass - 16
Fail - 0
Skip - 0

16

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario)<br>Launching on browser: chrome | PASSED | 1.676 s |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 5.253 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 1.116 s |
| 3 | And user clicks on Sign in link in the Home page | PASSED | 0.806 s |
| 4 | Then the page title should be displayed as "Login" | PASSED | 0.034 s |
| 5 | When the user enters valid Username and Password in the Login form | PASSED | 0.327 s |

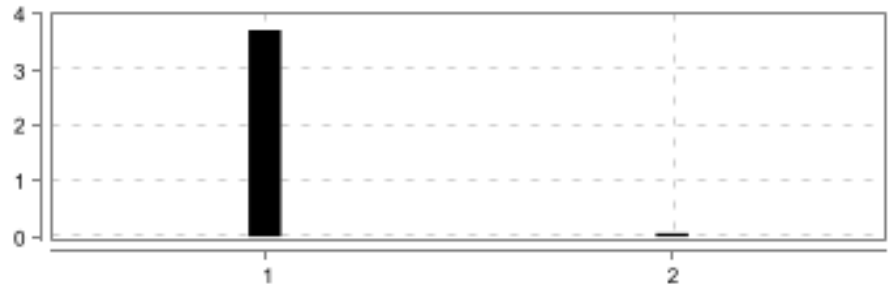| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | Username  sgs123@gmail.com <br> Password  Stars@123 | | |
| 6 | And user clicks on Login button | PASSED | 4.957 s |
| 7 | Then the page title should be displayed as "NumpyNinja" | PASSED | 0.050 s |
| 8 | When the user clicks on Get Started button below Data Structures - Introduction module | PASSED | 1.563 s |
| 9 | Then the page title should be displayed as "Data Structures-Introduction" | PASSED | 0.036 s |
| 10 | When the user clicks on time-complexity link in Data Structures - Introduction page | PASSED | 1.606 s |
| 11 | Then the page title should be displayed as "Time Complexity" | PASSED | 0.069 s |
| 12 | When the user clicks on Practice Questions link in Time Complexity page | PASSED | 0.827 s |
| 13 | Then the page title should be displayed as "Practice Questions" | PASSED | 0.056 s |
| 14 | And the page url should be displayed as "https://dsportalapp.herokuapp.com/data-structures-introduction/practice" | PASSED | 0.052 s |
| 15 | When the user clicks on Sign out link | PASSED | 1.672 s |
| 16 | Then the user should be able to logged out and get success message as "Logged out successfully" | PASSED | 0.067 s |

## Dashboard Functionality in DsAlgo Portal

| PASSED | DURATION - 2 m 50.443 s | Scenarios <br> Total - 14 <br> Pass - 14 <br> Fail - 0 <br> Skip - 0 | 14 | Steps <br> Total - 39 <br> Pass - 39 <br> Fail - 0 <br> Skip - 0 | 39 |
|---|---|---|---|---|---|
| / 8:48:46.738 PM // 8:51:37.181 PM / | | | | | |

## Verify that the user opens the DsAlgo portal

| PASSED | DURATION - 12.949 s | | Steps <br> Total - 2 <br> Pass - 2 <br> Fail - 0 <br> Skip - 0 | 2 |
|---|---|---|---|---|
| / 8:48:46.738 PM // 8:48:59.687 PM / | | | | |
| Dashboard Functionality in DsAlgo Portal | | | | |
| @DBP-1 | | | | |

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 1.489 s |
| | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 11.062 s |
| 2 | Then the page title should be displayed as "Numpy Ninja" | PASSED | 0.053 s |

### Verify the Dashboard page text in the DsAlgo portal

| PASSED | DURATION - 5.867 s | Steps | |
|---|---|---|---|
| | | Total - 2 | |
| / 8:48:59.703 PM // 8:49:05.570 PM / | | Pass - 2 | |
| | | Fail - 0 | |
| Dashboard Functionality in DsAlgo Portal | | Skip - 0 | 2 |

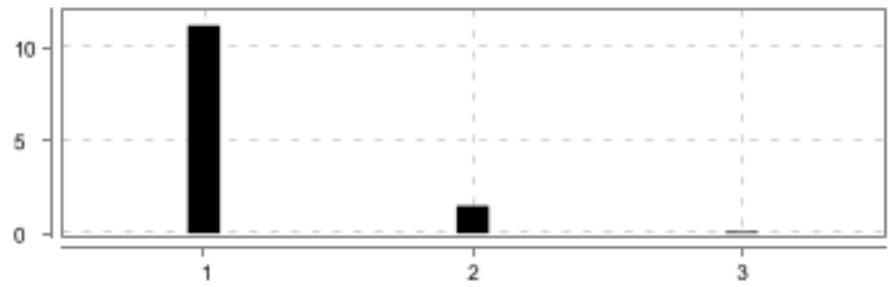| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 1.699 s |
| | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 3.711 s |
| 2 | Then the user should see text on DsAlgo portal as "Preparing for the Interviews" | PASSED | 0.059 s |

### Verify the Get Started button in the DsAlgo portal

| PASSED | DURATION - 7.716 s | Steps | |
|---|---|---|---|
| | | Total - 2 | |
| / 8:49:05.593 PM // 8:49:13.309 PM / | | Pass - 2 | |
| | | Fail - 0 | |
| Dashboard Functionality in DsAlgo Portal | | Skip - 0 | 2 |

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 1.599 s |
| | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 5.716 s |

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| 2 | Then the user should see "Get Started" button on the DsAlgo portal | PASSED | 0.085 s |
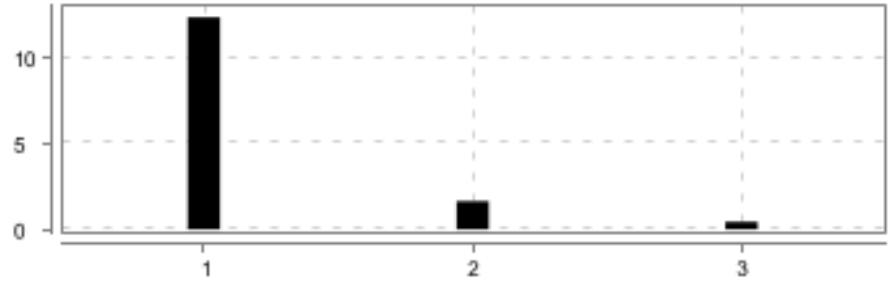
### Verify that the NumpyNinja is displayed after clicking on the Get Started button of DsAlgo portal

| PASSED | DURATION - 19.570 s | Steps |
|---|---|---|
| / 8:49:13.319 PM // 8:49:32.889 PM / | | Total - 3 |
| | | Pass - 3 |
| Dashboard Functionality in DsAlgo Portal | | Fail - 0 |
| | | Skip - 0 |

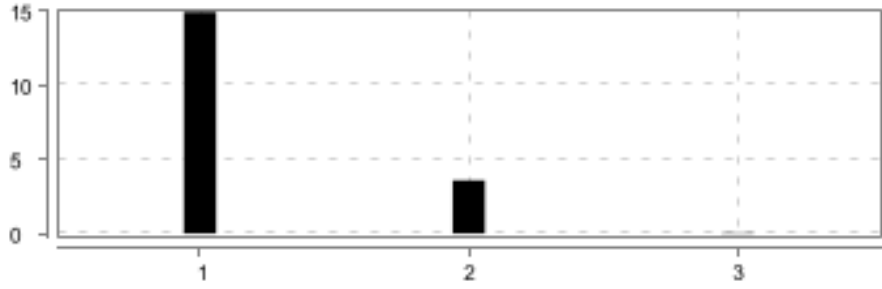| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 6.425 s |
| | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 11.173 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 1.474 s |
| 3 | Then the user should be navigated to the Home page which displays the "NumpyNinja" on the top left corner | PASSED | 0.087 s |

### Verify that the DataStructures-dropdown is displayed after clicking on the Get Started button of DsAlgo portal

| PASSED | DURATION - 16.529 s | Steps |
|---|---|---|
| / 8:49:32.925 PM // 8:49:49.454 PM / | | Total - 3 |
| | | Pass - 3 |
| Dashboard Functionality in DsAlgo Portal | | Fail - 0 |
| | | Skip - 0 |

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 1.713 s |
| | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 12.360 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 1.643 s |

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| 3 | Then the user should be navigated to the Home page which displays the DataStructures - dropdown with the following options on the top left corner <br><br> Arrays <br> Linked List <br> Stack <br> Queue <br> Tree <br> Graph | PASSED | 0.430 s |

## Verify that the Register link is displayed after clicking on the Get Started button of DsAlgo portal

| PASSED | DURATION - 20.465 s |
|---|---|
| / 8:49:49.475 PM // 8:50:09.940 PM / | |
| Dashboard Functionality in DsAlgo Portal | |
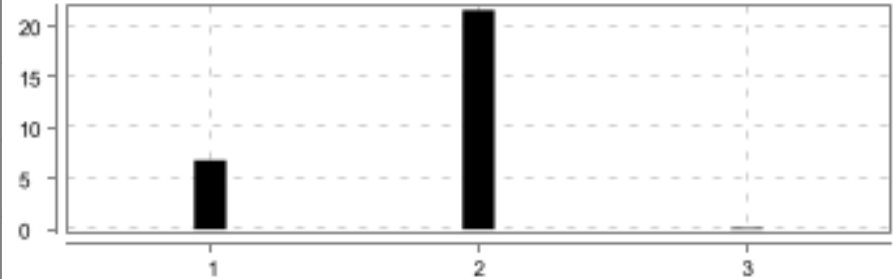
Steps
Total - 3
Pass - 3
Fail - 0
Skip - 0

3

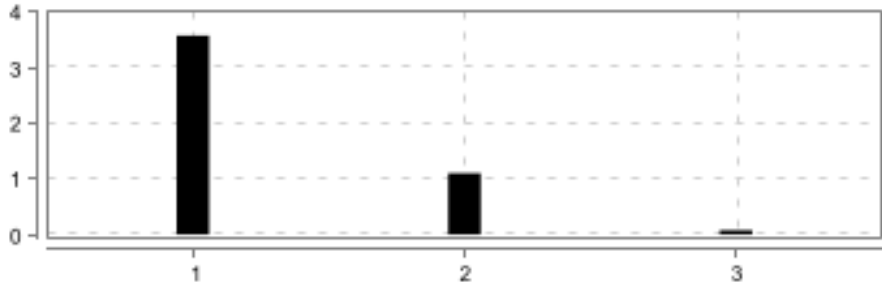| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
|  | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) <br> Launching on browser: chrome | PASSED | 1.529 s |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 14.941 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 3.585 s |
| 3 | Then the user should be navigated to the Home page which displays the "Register" link on the top right corner | PASSED | 0.050 s |

## Verify that the Sign in link is displayed after clicking on the "Get Started" button of DsAlgo portal

| PASSED | DURATION - 6.553 s |
|---|---|
| / 8:50:09.954 PM // 8:50:16.507 PM / | |
| Dashboard Functionality in DsAlgo Portal | |

Steps
Total - 3
Pass - 3
Fail - 0
Skip - 0

3

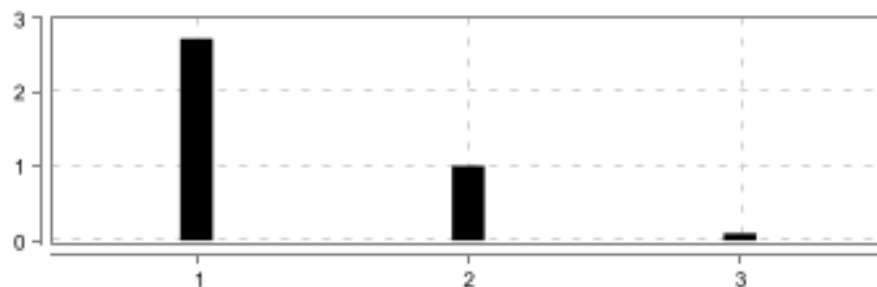| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 1.424 s |
| | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 3.579 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 1.101 s |
| 3 | Then the user should be navigated to the Home page which displays the "Sign in" link on the top right corner | PASSED | 0.075 s |

## Verify that the DataStructures - Introduction Module with Get Started button is displayed after clicking on the Get Started button of DsAlgo portal

| PASSED | DURATION - 30.693 s | | Steps |
|---|---|---|---|
| | | | Total - 3 |
| / 8:50:16.516 PM // 8:50:47.209 PM / | | | Pass - 3 |
| | | | Fail - 0 |
| Dashboard Functionality in DsAlgo Portal | | | Skip - 0 |



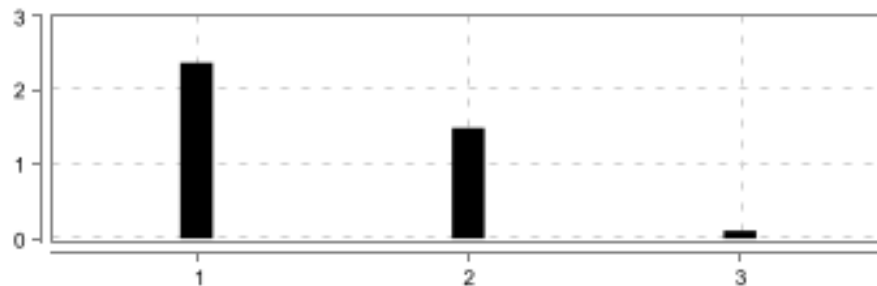| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 1.769 s |
| | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 6.806 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 21.612 s |
| 3 | Then the user should be navigated to the Home page which displays the "Data Structures-Introduction" module with "Get Started" button | PASSED | 0.125 s |

## Verify that the Array Module with Get Started button is displayed after clicking on the Get Started button of DsAlgo portal

| PASSED | DURATION - 5.648 s |
| --- | --- |
| / 8:50:47.217 PM // 8:50:52.865 PM / | |
| Dashboard Functionality in DsAlgo Portal | |

Steps
Total - 3
Pass - 3
Fail - 0
Skip - 0

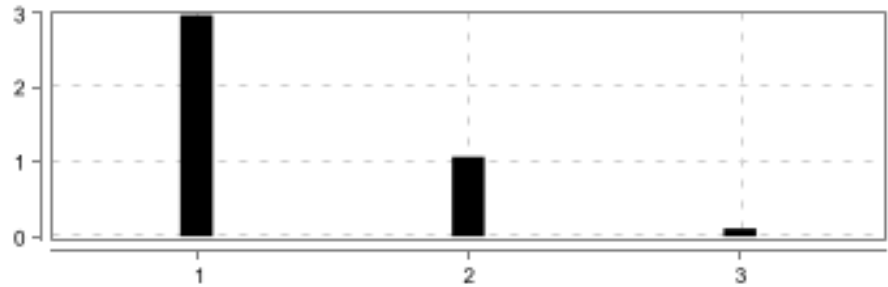| # | Step / Hook Details | Status | Duration |
| --- | --- | --- | --- |
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 1.472 s |
| | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 2.723 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 1.008 s |
| 3 | Then the user should be navigated to the Home page which displays the "Array" module with "Get Started" button | PASSED | 0.099 s |

## Verify that the Linked List Module with Get Started button is displayed after clicking on the Get Started button of DsAlgo portal

| PASSED | DURATION - 5.681 s |
| --- | --- |
| / 8:50:52.876 PM // 8:50:58.557 PM / | |
| Dashboard Functionality in DsAlgo Portal | |

Steps
Total - 3
Pass - 3
Fail - 0
Skip - 0

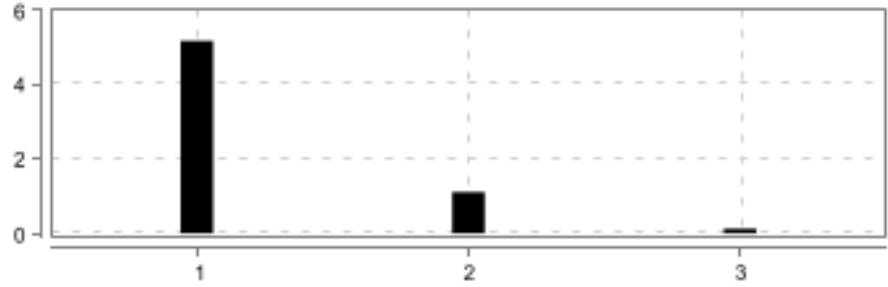| # | Step / Hook Details | Status | Duration |
| --- | --- | --- | --- |
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 1.385 s |
| | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 2.369 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 1.491 s |
| 3 | Then the user should be navigated to the Home page which displays the "Linked List" module with "Get Started" button | PASSED | 0.105 s |

## Verify that the Stack Module with Get Started button is displayed after clicking on the Get Started button of DsAlgo

### portal

| PASSED | DURATION - 11.157 s | | Steps |
|---|---|---|---|
| / 8:50:58.570 PM // 8:51:09.727 PM / | | | Total - 3 |
| | | | Pass - 3 |
| | | | Fail - 0 |
| Dashboard Functionality in DsAlgo Portal | | | Skip - 0 |

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 6.570 s |
| | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 2.974 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 1.070 s |
| 3 | Then the user should be navigated to the Home page which displays the "Stack" module with "Get Started" button | PASSED | 0.106 s |
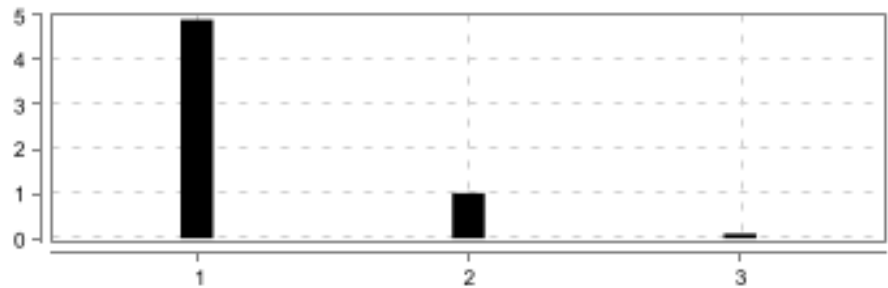
### Verify that the Queue Module with Get Started button is displayed after clicking on the Get Started button of DsAlgo portal

| PASSED | DURATION - 8.303 s | | Steps |
|---|---|---|---|
| / 8:51:09.751 PM // 8:51:18.054 PM / | | | Total - 3 |
| | | | Pass - 3 |
| | | | Fail - 0 |
| Dashboard Functionality in DsAlgo Portal | | | Skip - 0 |

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 1.566 s |
| | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 5.173 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 1.108 s |
| 3 | Then the user should be navigated to the Home page which displays the "Queue" module with "Get Started" button | PASSED | 0.123 s |
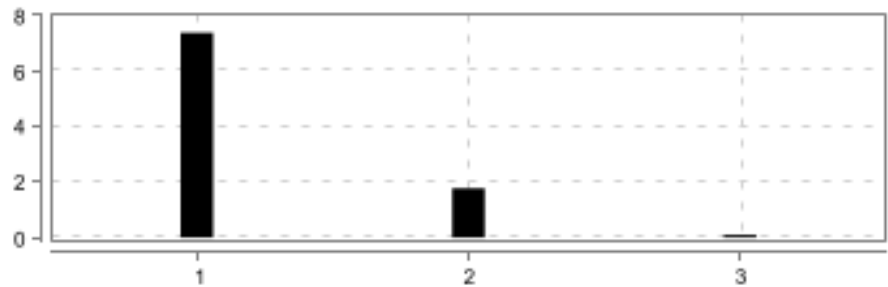
## Verify that the Tree Module with Get Started button is displayed after clicking on the Get Started button of DsAlgo portal

| PASSED | DURATION - 7.988 s |
|---|---|
| / 8:51:18.066 PM // 8:51:26.054 PM / | |
| Dashboard Functionality in DsAlgo Portal | |
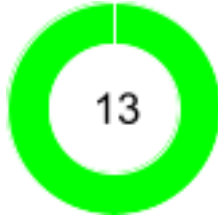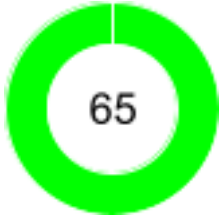
**Steps**
Total - 3
Pass - 3
Fail - 0
Skip - 0

3

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario)<br>Launching on browser: chrome | PASSED | 1.613 s |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 4.897 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 1.011 s |
| 3 | Then the user should be navigated to the Home page which displays the "Tree" module with "Get Started" button | PASSED | 0.103 s |

## Verify that the Graph Module with Get Started button is displayed after clicking on the Get Started button of DsAlgo portal
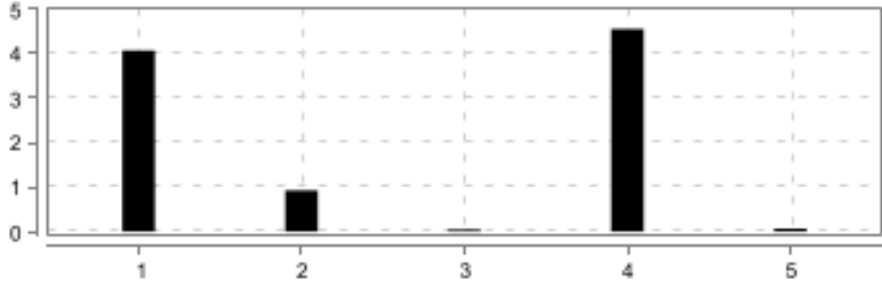
| PASSED | DURATION - 11.117 s |
|---|---|
| / 8:51:26.064 PM // 8:51:37.181 PM / | |
| Dashboard Functionality in DsAlgo Portal | |

**Steps**
Total - 3
Pass - 3
Fail - 0
Skip - 0

3

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario)<br>Launching on browser: chrome | PASSED | 1.536 s |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 7.371 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 1.770 s |
| 3 | Then the user should be navigated to the Home page which displays the "Graph" module with "Get Started" button | PASSED | 0.093 s |

## Home Page Functionality of DsAlgo Application

| PASSED | DURATION - 2 m 38.576 s | | Scenarios<br>Total - 13<br>Pass - 13<br>Fail - 0<br>Skip - 0 |  | Steps<br>Total - 65<br>Pass - 65<br>Fail - 0<br>Skip - 0 |  |
|---|---|---|---|---|---|---|
| / 8:51:37.226 PM // 8:54:15.802 PM / | | | | | | |

### Verify that the warning message is displayed when selecting Arrays option from the Data Structures dropdown without signin

| PASSED | DURATION - 11.486 s |  | Steps<br>Total - 5<br>Pass - 5<br>Fail - 0<br>Skip - 0 |  |
|---|---|---|---|---|
| / 8:51:37.226 PM // 8:51:48.712 PM / | | | | |
| *Home Page Functionality of DsAlgo Application* | | | | |

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 1.518 s |
| | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 4.066 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 0.924 s |
| 3 | Then the page title should be displayed as "NumpyNinja" | PASSED | 0.041 s |
| 4 | When the user selects "Arrays" option from Data Structures dropdown | PASSED | 4.551 s |
| 5 | Then the user should able to see the warning message as "You are not logged in" | PASSED | 0.065 s |

### Verify that the warning message is displayed when selecting Linked List option from the Data Structures dropdown without signin

| PASSED | DURATION - 10.948 s |
|---|---|

*/ 8:51:48.771 PM // 8:51:59.719 PM /*

*Home Page Functionality of DsAlgo Application*

Steps
Total - 5
Pass - 5
Fail - 0
Skip - 0
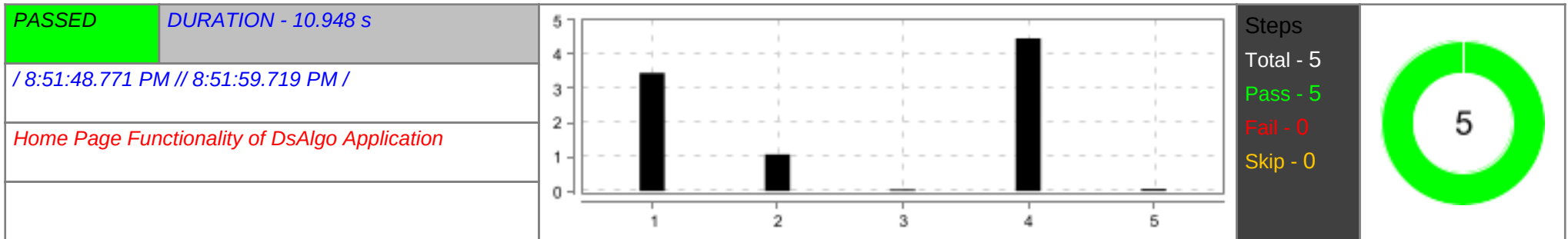
| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
|  | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 1.542 s |
|  | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 3.455 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 1.070 s |
| 3 | Then the page title should be displayed as "NumpyNinja" | PASSED | 0.043 s |
| 4 | When the user selects "Linked List" option from Data Structures dropdown | PASSED | 4.461 s |
| 5 | Then the user should able to see the warning message as "You are not logged in" | PASSED | 0.057 s |

### Verify that the warning message is displayed when selecting Stack option from the Data Structures dropdown without signin

| PASSED | DURATION - 7.912 s |
|---|---|

*/ 8:51:59.728 PM // 8:52:07.640 PM /*

*Home Page Functionality of DsAlgo Application*

Steps
Total - 5
Pass - 5
Fail - 0
Skip - 0
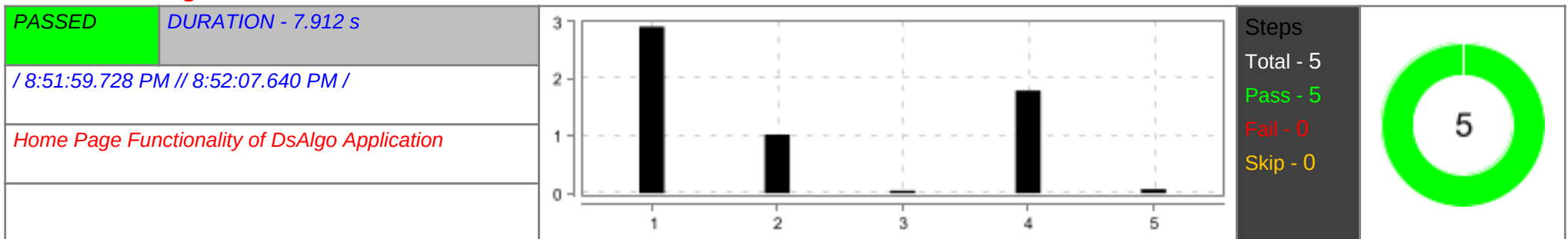
| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
|  | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 1.673 s |
|  | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 2.911 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 1.023 s |
| 3 | Then the page title should be displayed as "NumpyNinja" | PASSED | 0.045 s |

| # | Step / Hook Details | Status | Duration |
|---|---------------------|--------|----------|
| 4 | When the user selects "Stack" option from Data Structures dropdown | PASSED | 1.794 s |
| 5 | Then the user should able to see the warning message as "You are not logged in" | PASSED | 0.071 s |

### Verify that the warning message is displayed when selecting Queue option from the Data Structures dropdown without signin

| PASSED | DURATION - 9.593 s | | |
|--------|--------------------|--|--|
| / 8:52:07.651 PM // 8:52:17.244 PM / | | | |
| Home Page Functionality of DsAlgo Application | | | |
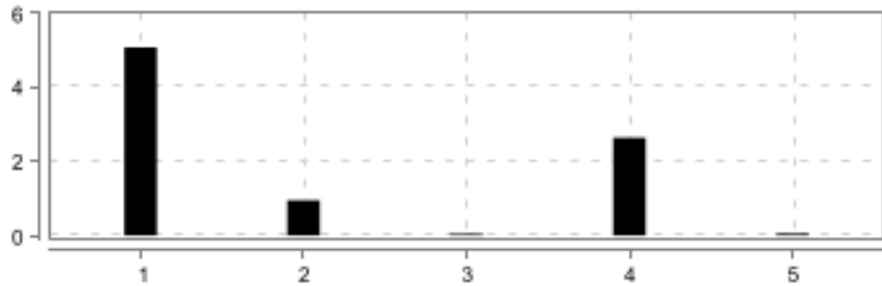


Steps
Total - 5
Pass - 5
Fail - 0
Skip - 0

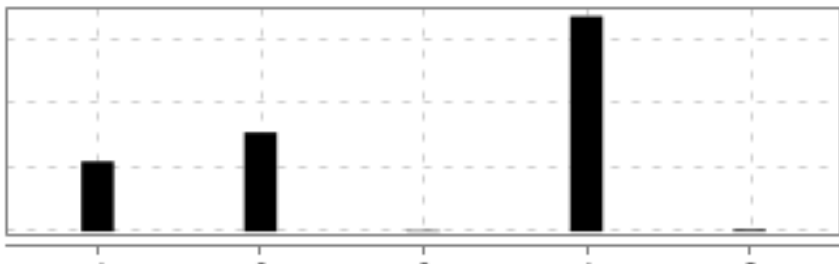| # | Step / Hook Details | Status | Duration |
|---|---------------------|--------|----------|
|   | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario)  Launching on browser: chrome | PASSED | 1.984 s |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 3.329 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 1.179 s |
| 3 | Then the page title should be displayed as "NumpyNinja" | PASSED | 0.038 s |
| 4 | When the user selects "Queue" option from Data Structures dropdown | PASSED | 2.660 s |
| 5 | Then the user should able to see the warning message as "You are not logged in" | PASSED | 0.075 s |

### Verify that the warning message is displayed when selecting Tree option from the Data Structures dropdown without signin

| PASSED | DURATION - 14.152 s | | |
|--------|---------------------|--|--|
| / 8:52:17.254 PM // 8:52:31.406 PM / | | | |
| Home Page Functionality of DsAlgo Application | | | |
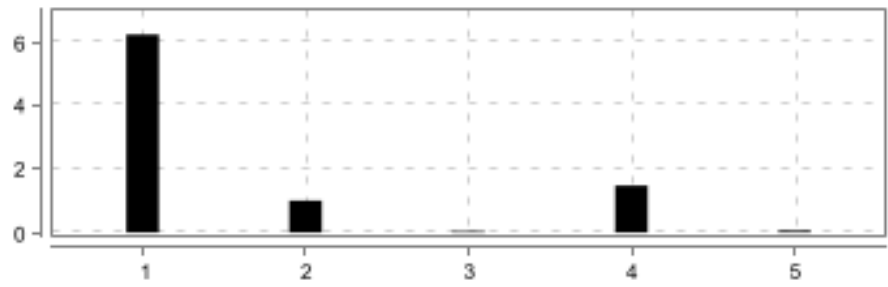


Steps
Total - 5
Pass - 5
Fail - 0
Skip - 0

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 1.561 s |
| | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 2.210 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 3.118 s |
| 3 | Then the page title should be displayed as "NumpyNinja" | PASSED | 0.030 s |
| 4 | When the user selects "Tree" option from Data Structures dropdown | PASSED | 6.776 s |
| 5 | Then the user should able to see the warning message as "You are not logged in" | PASSED | 0.059 s |

## Verify that the warning message is displayed when selecting Graph option from the Data Structures dropdown without signin

| PASSED | DURATION - 10.752 s |
|---|---|
| / 8:52:31.424 PM // 8:52:42.176 PM / | |
| Home Page Functionality of DsAlgo Application | |
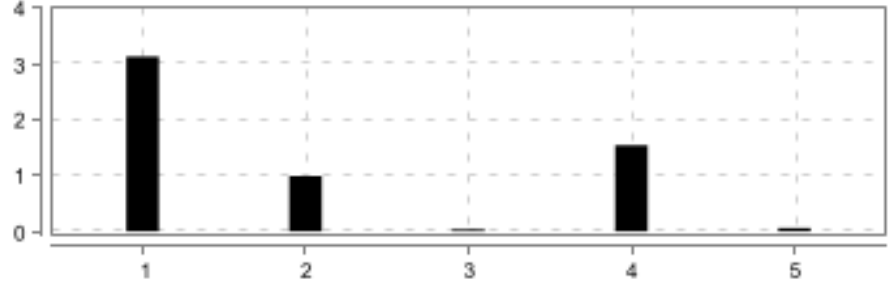
Steps
Total - 5
Pass - 5
Fail - 0
Skip - 0



| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 1.704 s |
| | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 5.078 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 0.947 s |
| 3 | Then the page title should be displayed as "NumpyNinja" | PASSED | 0.040 s |
| 4 | When the user selects "Graph" option from Data Structures dropdown | PASSED | 2.641 s |
| 5 | Then the user should able to see the warning message as "You are not logged in" | PASSED | 0.051 s |

## Verify that the warning message is displayed when user clicks on Get Started button of Data Structures - Introduction module without signin

| PASSED | DURATION - 10.699 s |
|---|---|
| / 8:52:42.185 PM // 8:52:52.884 PM / | |
| Home Page Functionality of DsAlgo Application | |

Steps
Total - 5
Pass - 5
Fail - 0
Skip - 0

5

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cumber.java.Scenario) | PASSED | 1.545 s |
| | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 6.232 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 1.007 s |
| 3 | Then the page title should be displayed as "NumpyNinja" | PASSED | 0.042 s |
| 4 | When the user clicks on Get Started button of "Data Structures - Introduction" module | PASSED | 1.483 s |
| 5 | Then the user should able to see the warning message as "You are not logged in" | PASSED | 0.058 s |

### Verify that the warning message is displayed when user clicks on Get Started button of Array module without signin

| PASSED | DURATION - 7.583 s |
|---|---|
| / 8:52:52.892 PM // 8:53:00.475 PM / | |
| Home Page Functionality of DsAlgo Application | |

Steps
Total - 5
Pass - 5
Fail - 0
Skip - 0

5

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cumber.java.Scenario) | PASSED | 1.498 s |
| | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 3.129 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 0.990 s |
| 3 | Then the page title should be displayed as "NumpyNinja" | PASSED | 0.037 s |
| 4 | When the user clicks on Get Started button of "Array" module | PASSED | 1.542 s |

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| 5 | Then the user should able to see the warning message as "You are not logged in" | PASSED | 0.061 s |

## Verify that the warning message is displayed when user clicks on Get Started button of Linked List module without signin

| PASSED | DURATION - 20.065 s | Steps | |
|---|---|---|---|
| */ 8:53:00.484 PM // 8:53:20.549 PM /* | | Total - 5 | |
| | | Pass - 5 | |
| *Home Page Functionality of DsAlgo Application* | | Fail - 0 | |
| | | Skip - 0 | |

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 1.662 s |
| | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 3.716 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 11.301 s |
| 3 | Then the page title should be displayed as "NumpyNinja" | PASSED | 0.049 s |
| 4 | When the user clicks on Get Started button of "Linked List" module | PASSED | 2.918 s |
| 5 | Then the user should able to see the warning message as "You are not logged in" | PASSED | 0.057 s |

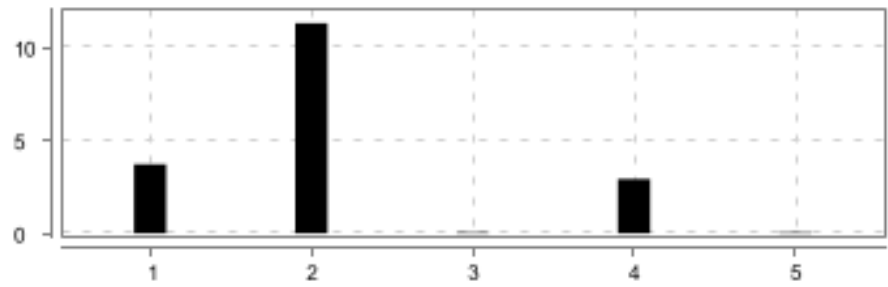## Verify that the warning message is displayed when user clicks on Get Started button of Stack module without signin

| PASSED | DURATION - 9.455 s | Steps | |
|---|---|---|---|
| */ 8:53:20.558 PM // 8:53:30.013 PM /* | | Total - 5 | |
| | | Pass - 5 | |
| *Home Page Functionality of DsAlgo Application* | | Fail - 0 | |
| | | Skip - 0 | |

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 1.548 s |

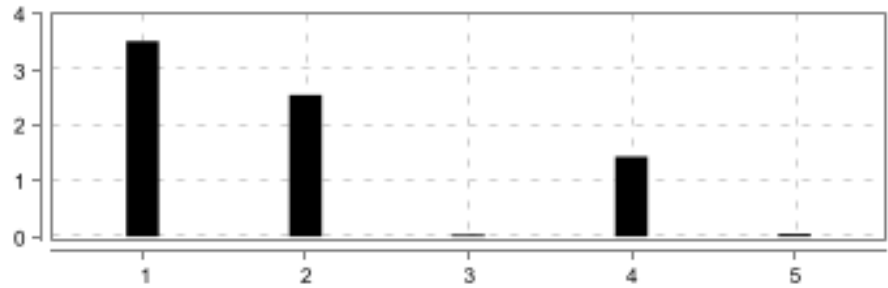| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 3.514 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 2.548 s |
| 3 | Then the page title should be displayed as "NumpyNinja" | PASSED | 0.036 s |
| 4 | When the user clicks on Get Started button of "Stack" module | PASSED | 1.435 s |
| 5 | Then the user should able to see the warning message as "You are not logged in" | PASSED | 0.049 s |

## Verify that the warning message is displayed when user clicks on Get Started button of Queue module without signin

| PASSED | DURATION - 29.813 s |
|---|---|
| / 8:53:30.022 PM // 8:53:59.835 PM / | |
| Home Page Functionality of DsAlgo Application | |

Steps
Total - 5
Pass - 5
Fail - 0
Skip - 0

5

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 1.581 s |
| | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 5.787 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 12.928 s |
| 3 | Then the page title should be displayed as "NumpyNinja" | PASSED | 0.036 s |
| 4 | When the user clicks on Get Started button of "Queue" module | PASSED | 9.045 s |
| 5 | Then the user should able to see the warning message as "You are not logged in" | PASSED | 0.052 s |

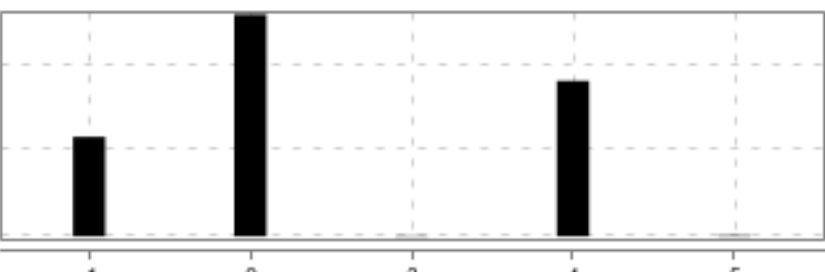## Verify that the warning message is displayed when user clicks on Get Started button of Tree module without signin

| PASSED | DURATION - 6.973 s |
|---|---|
| / 8:53:59.847 PM // 8:54:06.820 PM / | |
| Home Page Functionality of DsAlgo Application | |

Steps
Total - 5
Pass - 5
Fail - 0
Skip - 0

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 1.379 s |
| | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 2.684 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 1.002 s |
| 3 | Then the page title should be displayed as "NumpyNinja" | PASSED | 0.040 s |
| 4 | When the user clicks on Get Started button of "Tree" module | PASSED | 1.465 s |
| 5 | Then the user should able to see the warning message as "You are not logged in" | PASSED | 0.065 s |

## Verify that the warning message is displayed when user clicks on Get Started button of Graph module without signin
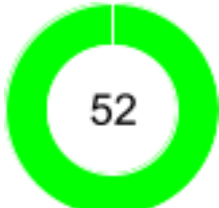
| PASSED | DURATION - 8.972 s |
|---|---|
| / 8:54:06.830 PM // 8:54:15.802 PM / | |
| Home Page Functionality of DsAlgo Application | |
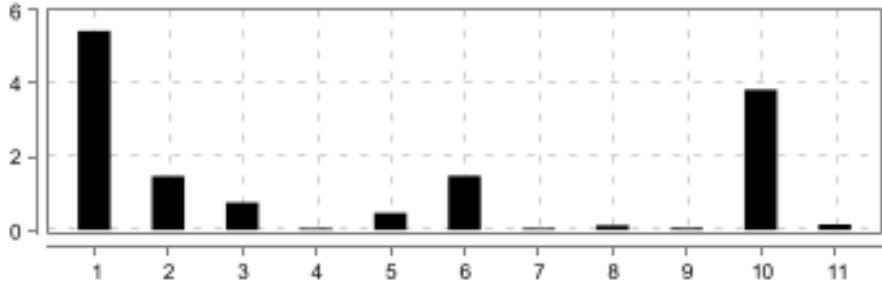
Steps
Total - 5
Pass - 5
Fail - 0
Skip - 0

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 1.566 s |
| | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 3.408 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 0.968 s |
| 3 | Then the page title should be displayed as "NumpyNinja" | PASSED | 0.033 s |
| 4 | When the user clicks on Get Started button of "Graph" module | PASSED | 2.533 s |

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| 5 | Then the user should able to see the warning message as "You are not logged in" | PASSED | 0.055 s |

## Login Functionality of DsAlgo Application

| PASSED | DURATION - 1 m 29.964 s | Scenarios<br>Total - 7<br>Pass - 7<br>Fail - 0<br>Skip - 0 | 7 | Steps<br>Total - 52<br>Pass - 52<br>Fail - 0<br>Skip - 0 | 52 |
|---|---|---|---|---|---|
| / 8:54:15.820 PM // 8:55:45.784 PM / | | | | | |

### Verify that the user can able to logged in successfully after entering valid username and password

| PASSED | DURATION - 15.863 s | | Steps<br>Total - 11<br>Pass - 11<br>Fail - 0<br>Skip - 0 | 11 |
|---|---|---|---|---|
| / 8:54:15.820 PM // 8:54:31.683 PM / | | | | |
| Login Functionality of DsAlgo Application | | | | |

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
|  | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 1.607 s |
|  | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 5.431 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 1.471 s |
| 3 | And user clicks on Sign in link in the Home page | PASSED | 0.746 s |
| 4 | Then the page title should be displayed as "Login" | PASSED | 0.044 s |
| 5 | When the user enters valid Username and Password from "Login" and 0 in the Login form | PASSED | 0.467 s |
| 6 | And user clicks on Login button | PASSED | 1.474 s |
| 7 | Then the page title should be displayed as "NumpyNinja" | PASSED | 0.046 s |
| 8 | And user should successfully logged in and get success message from "Login" and 0 | PASSED | 0.123 s |
| 9 | Then the user should see the username in the top right corner | PASSED | 0.054 s |
| 10 | When the user clicks on Sign out link in home page after successful logged in | PASSED | 3.826 s |
| 11 | Then the user should be able to logged out and get success message from "Login" and 0 | PASSED | 0.148 s |

## Verify that the error message is displayed when the user enters an invalid username and password
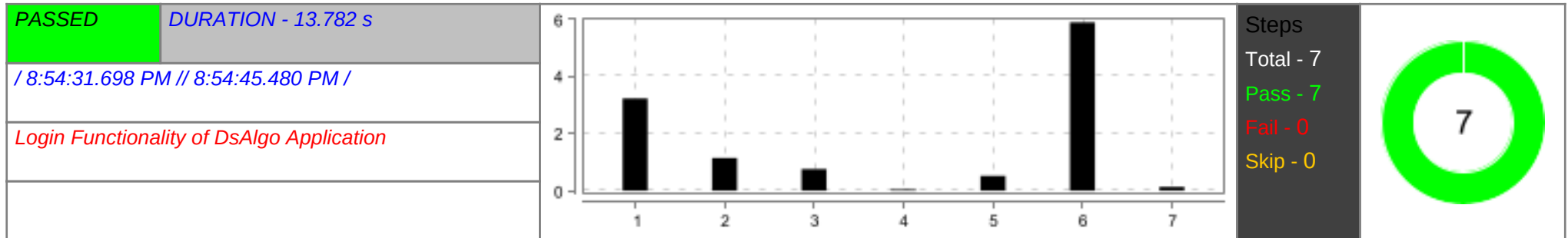
| PASSED | DURATION - 13.782 s | | Steps |
|---|---|---|---|
| / 8:54:31.698 PM // 8:54:45.480 PM / | | | Total - 7 |
| | | | Pass - 7 |
| Login Functionality of DsAlgo Application | | | Fail - 0 |
| | | | Skip - 0 |

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 1.649 s |
| | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 3.230 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 1.142 s |
| 3 | And user clicks on Sign in link in the Home page | PASSED | 0.758 s |
| 4 | Then the page title should be displayed as "Login" | PASSED | 0.047 s |
| 5 | When the user enters invalid Username and Password from "Login" and 1 in the Login form | PASSED | 0.520 s |
| 6 | And user clicks on Login button | PASSED | 5.893 s |
| 7 | Then the user should get invalid error message from "Login" and 1 | PASSED | 0.135 s |
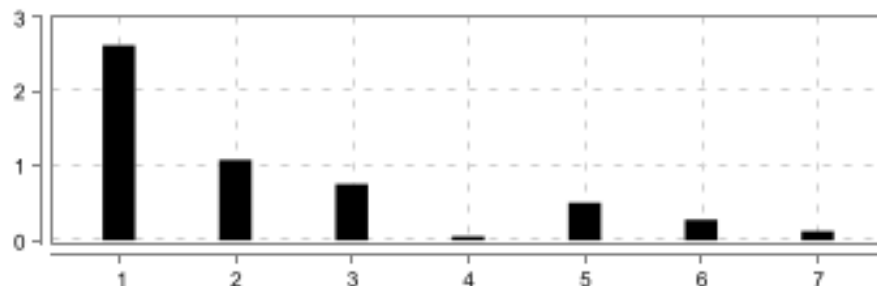
## Verify that the tooltip message is displayed when user clicks on Login button by leaving Username and Password fields empty
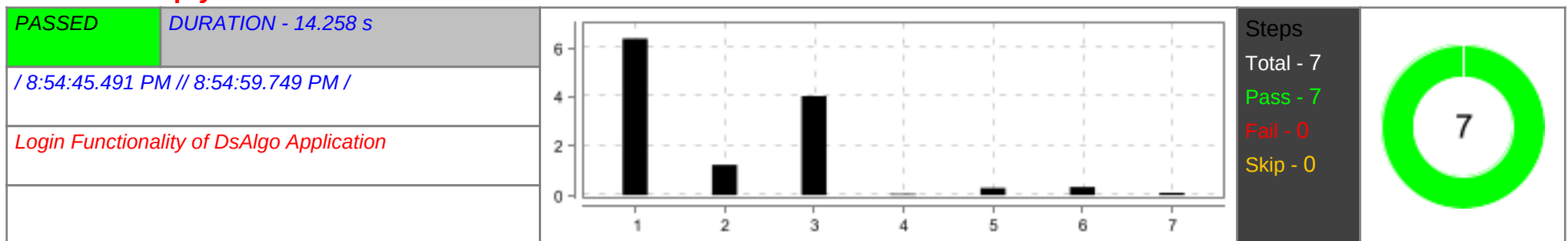
| PASSED | DURATION - 14.258 s | | Steps |
|---|---|---|---|
| / 8:54:45.491 PM // 8:54:59.749 PM / | | | Total - 7 |
| | | | Pass - 7 |
| Login Functionality of DsAlgo Application | | | Fail - 0 |
| | | | Skip - 0 |

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 1.510 s |
| | Launching on browser: chrome | | |

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 6.372 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 1.236 s |
| 3 | And user clicks on Sign in link in the Home page | PASSED | 4.036 s |
| 4 | Then the page title should be displayed as "Login" | PASSED | 0.041 s |
| 5 | When the user enters Username and Password from "Login" and 2 in the Login form | PASSED | 0.292 s |
| 6 | And user clicks on Login button | PASSED | 0.331 s |
| 7 | Then the user should get tooltip message below Username textbox and data fetch from "Login" and 2 | PASSED | 0.097 s |

**Verify that the tooltip message is displayed when user clicks on Login button after entering Username field and leaving Password field empty**

| PASSED | DURATION - 7.459 s | | Steps | |
|---|---|---|---|---|
| / 8:54:59.758 PM // 8:55:07.217 PM / | | | Total - 7 | |
| | | | Pass - 7 | 7 |
| Login Functionality of DsAlgo Application | | | Fail - 0 | |
| | | | Skip - 0 | |

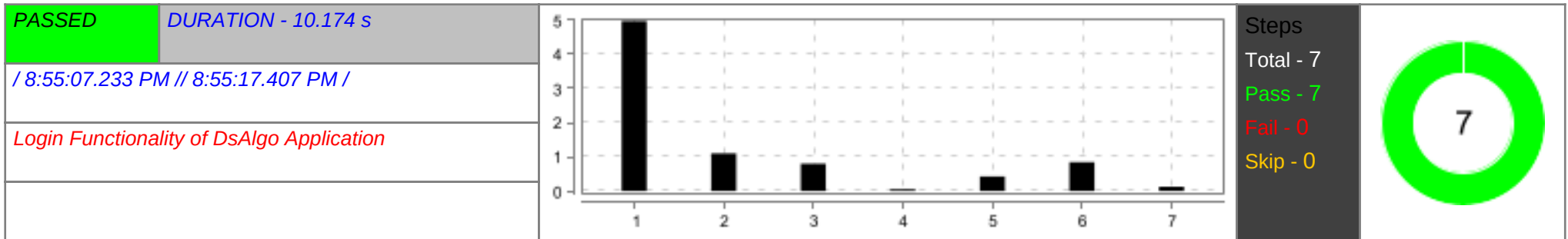| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 1.542 s |
| | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 2.622 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 1.083 s |
| 3 | And user clicks on Sign in link in the Home page | PASSED | 0.758 s |
| 4 | Then the page title should be displayed as "Login" | PASSED | 0.051 s |
| 5 | When the user enters Username and Password from "Login" and 3 in the Login form | PASSED | 0.506 s |
| 6 | And user clicks on Login button | PASSED | 0.277 s |
| 7 | Then the user should get tooltip message below Password textbox and data fetch from "Login" and 3 | PASSED | 0.122 s |

**Verify that the tooltip message is displayed when user clicks on Login button after entering valid Username field and invalid Password field**

| PASSED | DURATION - 10.174 s |
|---|---|
| / 8:55:07.233 PM // 8:55:17.407 PM / | |
| Login Functionality of DsAlgo Application | |

Steps
Total - 7
Pass - 7
Fail - 0
Skip - 0

7

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario)<br>Launching on browser: chrome | PASSED | 1.511 s |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 4.969 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 1.102 s |
| 3 | And user clicks on Sign in link in the Home page | PASSED | 0.798 s |
| 4 | Then the page title should be displayed as "Login" | PASSED | 0.053 s |
| 5 | When the user enters Username and Password from "Login" and 4 in the Login form | PASSED | 0.429 s |
| 6 | And user clicks on Login button | PASSED | 0.842 s |
| 7 | Then the user should get invalid error message from "Login" and 4 | PASSED | 0.123 s |
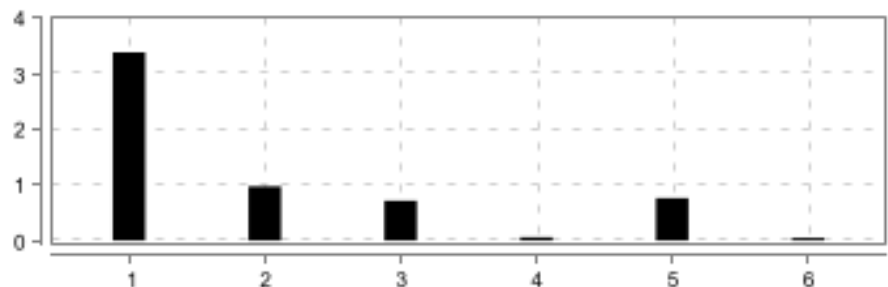
## Verify that the tooltip message is displayed when user clicks on Login button after entering invalid Username field and valid Password field
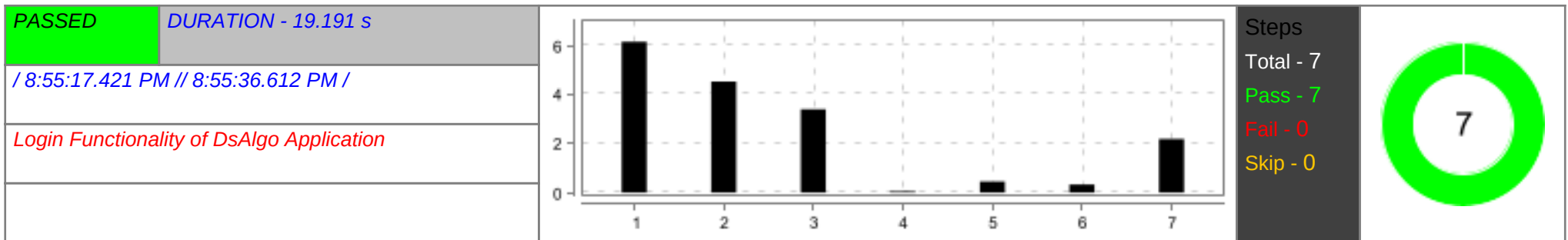
| PASSED | DURATION - 19.191 s |
|---|---|
| / 8:55:17.421 PM // 8:55:36.612 PM / | |
| Login Functionality of DsAlgo Application | |

Steps
Total - 7
Pass - 7
Fail - 0
Skip - 0

7
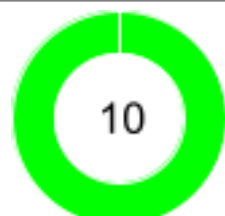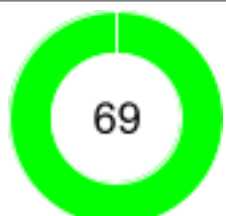
| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario)<br>Launching on browser: chrome | PASSED | 1.544 s |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 6.148 s |

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 4.530 s |
| 3 | And user clicks on Sign in link in the Home page | PASSED | 3.395 s |
| 4 | Then the page title should be displayed as "Login" | PASSED | 0.052 s |
| 5 | When the user enters Username and Password from "Login" and 5 in the Login form | PASSED | 0.449 s |
| 6 | And user clicks on Login button | PASSED | 0.331 s |
| 7 | Then the user should get invalid error message from "Login" and 5 | PASSED | 2.187 s |

### Verify that the user navigates to the Register page from Login page

| PASSED | DURATION - 9.149 s | | |
|---|---|---|---|
| / 8:55:36.635 PM // 8:55:45.784 PM / | | Steps | |
| *Login Functionality of DsAlgo Application* | | Total - 6 | |
| | | Pass - 6 | |
| | | Fail - 0 | |
| | | Skip - 0 | 6 |

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 2.706 s |
| | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 3.383 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 0.976 s |
| 3 | And user clicks on Sign in link in the Home page | PASSED | 0.714 s |
| 4 | Then the page title should be displayed as "Login" | PASSED | 0.060 s |
| 5 | When the user clicks on Register link from login page | PASSED | 0.764 s |
| 6 | Then the page title should be displayed as "Registration" | PASSED | 0.048 s |

### Registration Functionality of DsAlgo Application

| PASSED | DURATION - 2 m 17.142 s | | | | |
|---|---|---|---|---|---|
| / 8:55:45.846 PM // 8:58:02.988 PM / | | Scenarios | | Steps | |
| | | Total - 10 | | Total - 69 | |
| | | Pass - 10 | 10 | Pass - 69 | 69 |
| | | Fail - 0 | | Fail - 0 | |
| | | Skip - 0 | | Skip - 0 | |

## Verify that the tooltip message is displayed when user clicks on Register button by leaving all the fields empty

| PASSED | DURATION - 16.128 s |
|---|---|
| / 8:55:45.846 PM // 8:56:01.974 PM / | |
| *Registration Functionality of DsAlgo Application* | |



Steps
Total - 7
Pass - 7
Fail - 0
Skip - 0

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 2.596 s |
| | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 8.619 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 0.956 s |
| 3 | And user clicks on Register link in the Home page | PASSED | 2.776 s |
| 4 | Then the page title should be displayed as "Registration" | PASSED | 0.037 s |
| 5 | When the user enters "","" and "" in the register form | PASSED | 0.349 s |
| 6 | And user clicks on Register button | PASSED | 0.257 s |
| 7 | Then the user should get tooltip message as "Please fill out this field." below Username textbox | PASSED | 0.039 s |

## Verify that the tooltip message is displayed when user clicks on Register button after entering Username field and leaving other fields empty

| PASSED | DURATION - 9.839 s |
|---|---|
| / 8:56:01.994 PM // 8:56:11.833 PM / | |
| *Registration Functionality of DsAlgo Application* | |



Steps
Total - 7
Pass - 7
Fail - 0
Skip - 0

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 2.677 s |
| | Launching on browser: chrome | | |

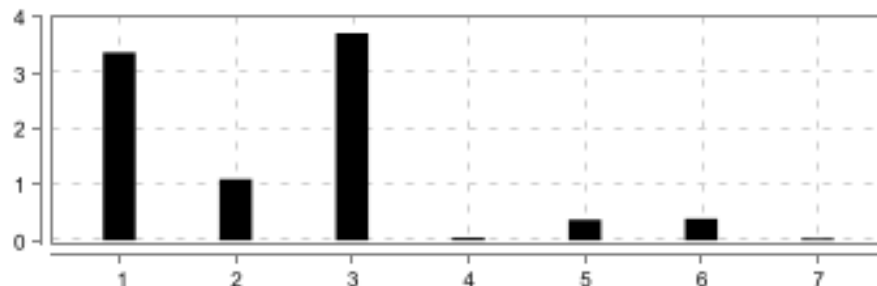| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 4.362 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 0.948 s |
| 3 | And user clicks on Register link in the Home page | PASSED | 0.803 s |
| 4 | Then the page title should be displayed as "Registration" | PASSED | 0.027 s |
| 5 | When the user enters only "Sgs@gmail" field in the register form | PASSED | 0.130 s |
| 6 | And user clicks on Register button | PASSED | 0.357 s |
| 7 | Then the user should get tooltip message as "Please fill out this field." below Password textbox | PASSED | 0.031 s |

**Verify that the tooltip message is displayed when user clicks on Register button after entering Username field and Password field by leaving Password confirmation field empty**

| PASSED | DURATION - 12.297 s |
|---|---|
| / 8:56:11.865 PM // 8:56:24.162 PM / | |
| Registration Functionality of DsAlgo Application | |

Steps
Total - 7
Pass - 7
Fail - 0
Skip - 0

7

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
|   | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario)<br>Launching on browser: chrome | PASSED | 2.730 s |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 3.367 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 1.099 s |
| 3 | And user clicks on Register link in the Home page | PASSED | 3.714 s |
| 4 | Then the page title should be displayed as "Registration" | PASSED | 0.050 s |
| 5 | When the user enters only "Sgs@gmail" and "Stars123" fields in the register form | PASSED | 0.368 s |
| 6 | And user clicks on Register button | PASSED | 0.389 s |
| 7 | Then the user should get tooltip message as "Please fill out this field." below Password confirmation textbox | PASSED | 0.038 s |

**Verify that the error message is displayed when user clicks on Register button after entering mismatched passwords in the password and password confirmation fields**

| PASSED | DURATION - 16.217 s |
|---|---|
| / 8:56:24.194 PM // 8:56:40.411 PM / | |
| Registration Functionality of DsAlgo Application | |



Steps
Total - 7
Pass - 7
Fail - 0
Skip - 0

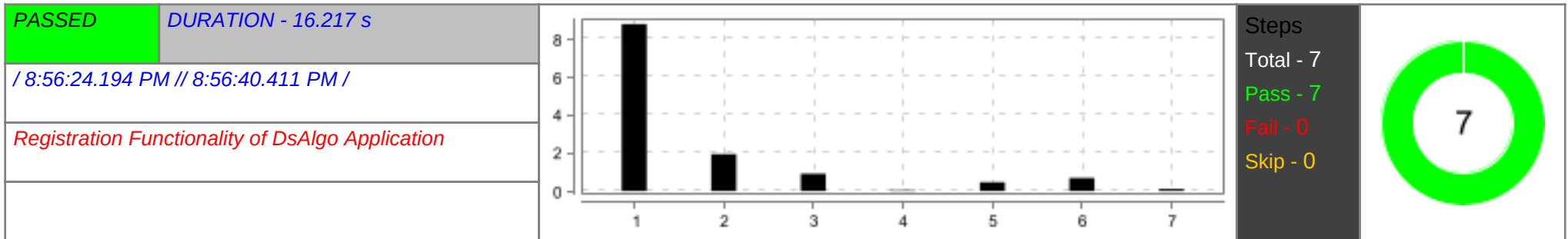| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 2.696 s |
| | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 8.785 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 1.946 s |
| 3 | And user clicks on Register link in the Home page | PASSED | 0.910 s |
| 4 | Then the page title should be displayed as "Registration" | PASSED | 0.040 s |
| 5 | When the user enters "Sgs@gmail","Stars123" and "strr234" in the register form | PASSED | 0.456 s |
| 6 | And user clicks on Register button | PASSED | 0.693 s |
| 7 | Then the user should get invalid error message as "password_mismatch:The two password fields didn't match." | PASSED | 0.101 s |

**Verify that the error message is displayed when user clicks on Register button after entering invalid values in Username field with matched password and password confirmation values**

| PASSED | DURATION - 11.035 s |
|---|---|
| / 8:56:40.443 PM // 8:56:51.478 PM / | |
| Registration Functionality of DsAlgo Application | |



Steps
Total - 7
Pass - 7
Fail - 0
Skip - 0
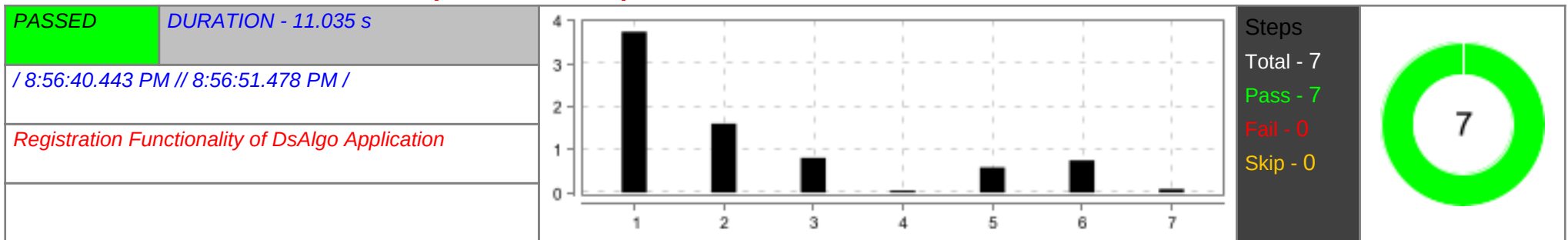
| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 2.732 s |
| | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 3.747 s |

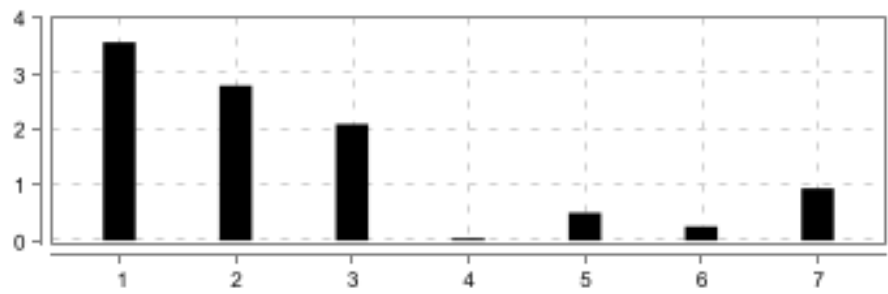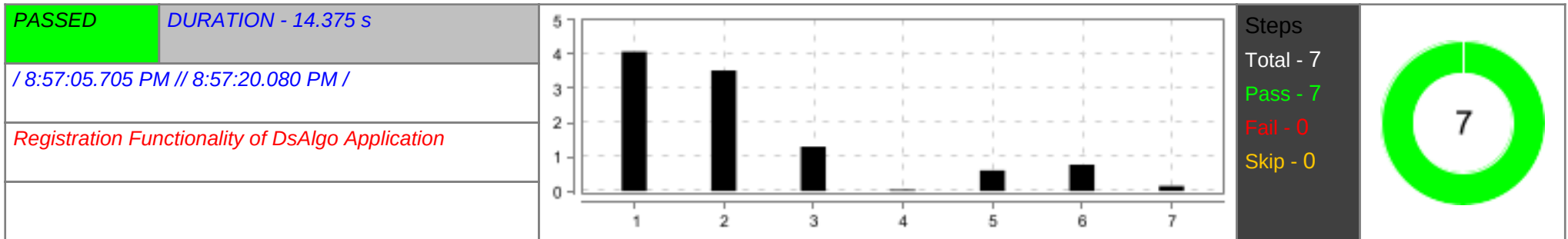| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 1.605 s |
| 3 | And user clicks on Register link in the Home page | PASSED | 0.811 s |
| 4 | Then the page title should be displayed as "Registration" | PASSED | 0.049 s |
| 5 | When the user enters "}}}}}}}}}}}}}}}}}","Stars@123" and "Stars@123" in the register form | PASSED | 0.589 s |
| 6 | And user clicks on Register button | PASSED | 0.749 s |
| 7 | Then the user should get invalid error message as "password_mismatch:The two password fields didn't match." | PASSED | 0.084 s |

**Verify that the error message is displayed when user clicks on Register button after entering invalid values in Username field with matched password and password confirmation values**

| PASSED | DURATION - 14.141 s |
|---|---|
| / 8:56:51.537 PM // 8:57:05.678 PM / | |
| Registration Functionality of DsAlgo Application | |

Steps
Total - 7
Pass - 7
Fail - 0
Skip - 0

7

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) <br> Launching on browser: chrome | PASSED | 3.399 s |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 3.568 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 2.784 s |
| 3 | And user clicks on Register link in the Home page | PASSED | 2.096 s |
| 4 | Then the page title should be displayed as "Registration" | PASSED | 0.043 s |
| 5 | When the user enters "**************","Stars@123" and "Stars@123" in the register form | PASSED | 0.497 s |
| 6 | And user clicks on Register button | PASSED | 0.250 s |
| 7 | Then the user should get invalid error message as "password_mismatch:The two password fields didn't match." | PASSED | 0.939 s |

**Verify that the error message is displayed when user clicks on Register button after entering invalid values in Username field with matched password and password confirmation values**

| PASSED | DURATION - 14.375 s | | Steps |
|---|---|---|---|

*/ 8:57:05.705 PM // 8:57:20.080 PM /*

*Registration Functionality of DsAlgo Application*

Steps
Total - 7
Pass - 7
Fail - 0
Skip - 0

| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 3.355 s |
| | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 4.075 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 3.527 s |
| 3 | And user clicks on Register link in the Home page | PASSED | 1.296 s |
| 4 | Then the page title should be displayed as "Registration" | PASSED | 0.040 s |
| 5 | When the user enters "%%%!!!!4555","Stars@123" and "Stars@123" in the register form | PASSED | 0.603 s |
| 6 | And user clicks on Register button | PASSED | 0.767 s |
| 7 | Then the user should get invalid error message as "password_mismatch:The two password fields didn't match." | PASSED | 0.144 s |

**Verify that the error message is displayed when user clicks on Register button after entering invalid values in Username field with matched password and password confirmation values**

| PASSED | DURATION - 12.729 s | | Steps |
|---|---|---|---|

*/ 8:57:20.110 PM // 8:57:32.839 PM /*

*Registration Functionality of DsAlgo Application*

Steps
Total - 7
Pass - 7
Fail - 0
Skip - 0
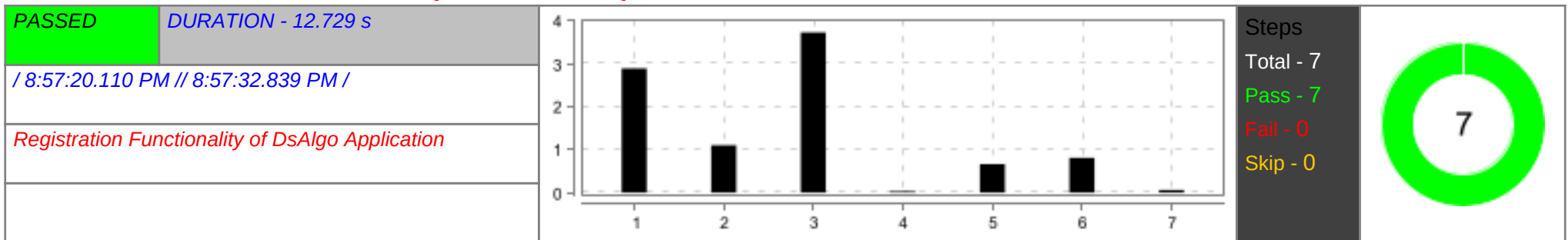
| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 2.849 s |
| | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 2.890 s |

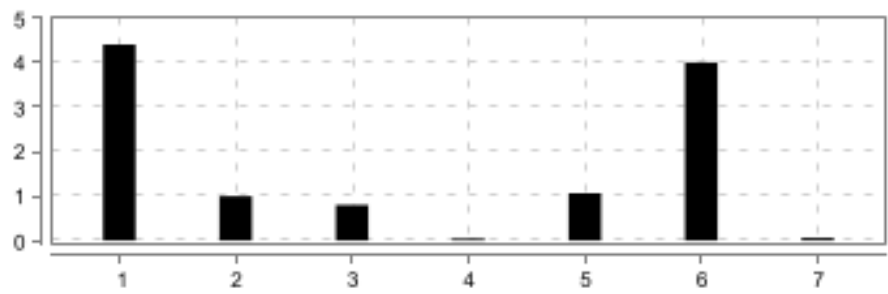| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 1.102 s |
| 3 | And user clicks on Register link in the Home page | PASSED | 3.730 s |
| 4 | Then the page title should be displayed as "Registration" | PASSED | 0.032 s |
| 5 | When the user enters "?????????]]]]","*&^{{{{Stars@123}}}}}" and "*&^{{{{Stars@123}}}}}" in the register form | PASSED | 0.665 s |
| 6 | And user clicks on Register button | PASSED | 0.809 s |
| 7 | Then the user should get invalid error message as "password_mismatch:The two password fields didn't match." | PASSED | 0.061 s |

## Verify that the user can able to create a new account successfully after entering valid Username,Password and Password Confirmation

| PASSED | DURATION - 14.670 s | | | | |
|---|---|---|---|---|---|
| / 8:57:32.871 PM // 8:57:47.541 PM / | | | Steps | | |
| | | | Total - 7 | | |
| Registration Functionality of DsAlgo Application | | | Pass - 7 | | |
| | | | Fail - 0 | | |
| | | | Skip - 0 | 7 | |

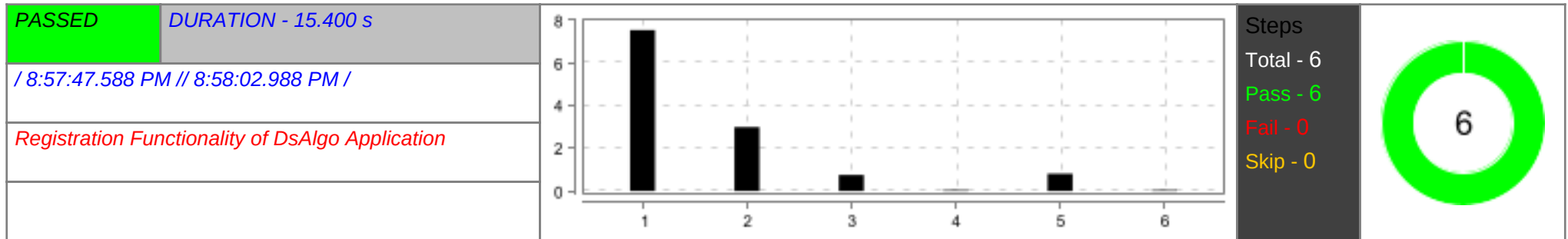| # | Step / Hook Details | Status | Duration |
|---|---|---|---|
|  | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 2.704 s |
|  | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 4.405 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 0.996 s |
| 3 | And user clicks on Register link in the Home page | PASSED | 0.799 s |
| 4 | Then the page title should be displayed as "Registration" | PASSED | 0.044 s |
| 5 | When the user enters "auto","Stars@456" and "Stars@456" in the register form | PASSED | 1.064 s |
| 6 | And user clicks on Register button | PASSED | 4.006 s |
| 7 | Then the user should be redirected to home page with success message "New Account Created. You are logged in as <Username>" | PASSED | 0.056 s |

## Verify that the user navigates to Login page from Register Page

| PASSED | DURATION - 15.400 s |
|--------|---------------------|
| / 8:57:47.588 PM // 8:58:02.988 PM / | |
| Registration Functionality of DsAlgo Application | |

Steps
Total - 6
Pass - 6
Fail - 0
Skip - 0

| # | Step / Hook Details | Status | Duration |
|---|---------------------|--------|----------|
| | BEFORE - com.numpyninja.dsalgo.apphooks.ApplicationHooks.beforeScenario(io.cucumber.java.Scenario) | PASSED | 2.548 s |
| | Launching on browser: chrome | | |
| 1 | Given User launches the browser and enters the DsAlgo application url | PASSED | 7.531 s |
| 2 | When the user clicks on Get Started button in the DsAlgo Portal | PASSED | 2.989 s |
| 3 | And user clicks on Register link in the Home page | PASSED | 0.754 s |
| 4 | Then the page title should be displayed as "Registration" | PASSED | 0.053 s |
| 5 | When the user clicks on Login link below Register button | PASSED | 0.804 s |
| 6 | Then the page title should be displayed as "Login" | PASSED | 0.050 s |