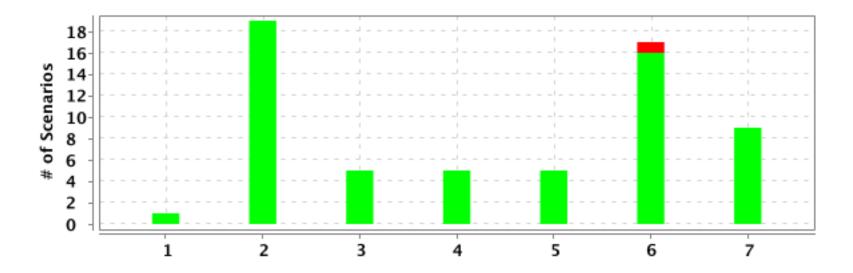


| Feature                            | Feature  |    | Scenario |   |   |    | Step |   |   |  |  |  |
|------------------------------------|----------|----|----------|---|---|----|------|---|---|--|--|--|
| Name                               | Duration | T  | P        | F | S | T  | P    | F | S |  |  |  |
| Feature to test GetStarted page    | 1.837 s  | 1  | 1        | 0 | 0 | 3  | 3    | 0 | 0 |  |  |  |
| Feature to test Hompage            | 16.685 s | 19 | 19       | 0 | 0 | 57 | 57   | 0 | 0 |  |  |  |
| Feature to test RegisterPage       | 3.624 s  | 5  | 5        | 0 | 0 | 15 | 15   | 0 | 0 |  |  |  |
| Feature to test SignInPage         | 3.668 s  | 5  | 5        | 0 | 0 | 15 | 15   | 0 | 0 |  |  |  |
| Feature to test DataStructuresPage | 4.877 s  | 5  | 5        | 0 | 0 | 15 | 15   | 0 | 0 |  |  |  |
| Feature to test Array page         | 16.179 s | 17 | 16       | 1 | 0 | 51 | 50   | 1 | 0 |  |  |  |
| Feature to test Graph Page         | 7.468 s  | 9  | 9        | 0 | 0 | 27 | 27   | 0 | 0 |  |  |  |

FAIL & SKIP SCENARIOS -- 3 --

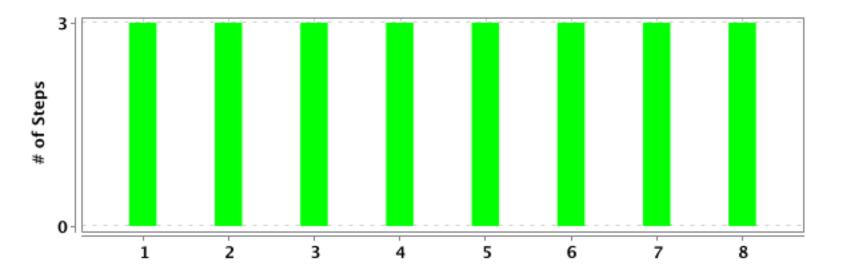
| # | Feature Name               | Scenario Name   |
|---|----------------------------|---|
| 1 | Feature to test Array page | The user is able to run code in tryEditor for Search the array link |

FEATURES SUMMARY



| # | Feature Name                       | T  | P  | F | S | Duration |
|---|------------------------------------|----|----|---|---|----------|
| 1 | Feature to test GetStarted page    | 1  | 1  | 0 | 0 | 1.837 s  |
| 2 | Feature to test Hompage            | 19 | 19 | 0 | 0 | 16.685 s |
| 3 | Feature to test RegisterPage       | 5  | 5  | 0 | 0 | 3.624 s  |
| 4 | Feature to test SignInPage         | 5  | 5  | 0 | 0 | 3.668 s  |
| 5 | Feature to test DataStructuresPage | 5  | 5  | 0 | 0 | 4.877 s  |
| 6 | Feature to test Array page         | 17 | 16 | 1 | 0 | 16.179 s |
| 7 | Feature to test Graph Page         | 9  | 9  | 0 | 0 | 7.468 s  |

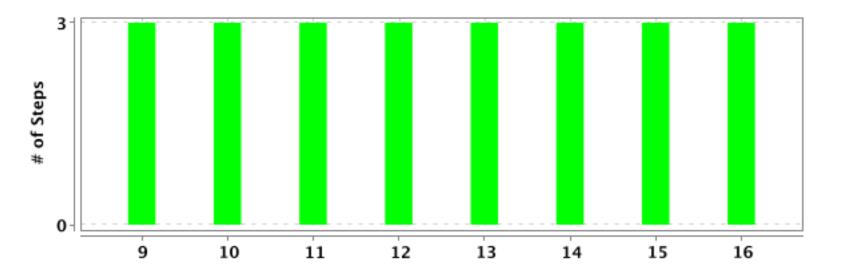
SCENARIOS SUMMARY -- 5 --



| # | Feature Name                    | Scenario Name   | T | P | F | S | Duration |
|---|---------------------------------|---|---|---|---|---|----------|
| 1 | Feature to test GetStarted page | <u>User launches Url</u>  | 3 | 3 | 0 | 0 | 1.818 s  |
| 2 | Feature to test Hompage         | User launch home page of an dsalgo project                                | 3 | 3 | 0 | 0 | 0.773 s  |
| 3 |                                 | User is on Homepage and click GetStarted link on Homepage without sign in | 3 | 3 | 0 | 0 | 0.946 s  |
| 4 |                                 | User is on Homepage and click GetStarted link on Homepage without sign in | 3 | 3 | 0 | 0 | 1.162 s  |
| 5 |                                 | User is on Homepage and click GetStarted link on Homepage without sign in | 3 | 3 | 0 | 0 | 0.744 s  |
| 6 |                                 | User is on Homepage and click GetStarted link on Homepage without sign in | 3 | 3 | 0 | 0 | 0.700 s  |
| 7 |                                 | User is on Homepage and click GetStarted link on Homepage without sign in | 3 | 3 | 0 | 0 | 0.733 s  |

| # | Feature Name | Scenario Name                                    | T | P | F | S | Duration |
|---|--------------|--|---|---|---|---|----------|
| 8 |              | User is on Homepage and click GetStarted link on | 3 | 3 | 0 | 0 | 0.913 s  |
|   |              | Homepage without sign in                         |   |   |   |   |          |

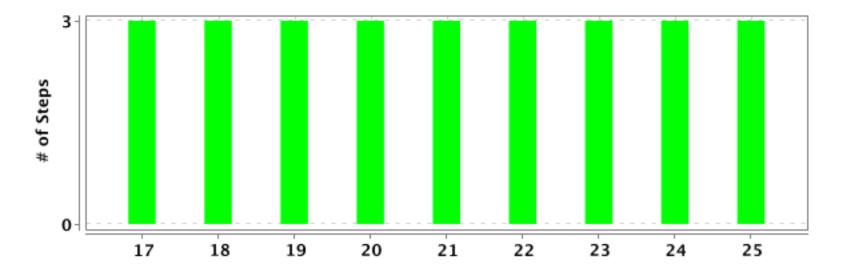
SCENARIOS SUMMARY -- 7 --



| #  | Feature Name            | Scenario Name   | T | P | F | S | Duration |
|----|-------------------------|---|---|---|---|---|----------|
| 9  | Feature to test Hompage | User is on Homepage and click GetStarted link on Homepage without sign in | 3 | 3 | 0 | 0 | 0.752 s  |
| 10 |                         | User is on Homepage and click Dropdown on Homepage without sign in        | 3 | 3 | 0 | 0 | 0.760 s  |
| 11 |                         | User is on Homepage and click Dropdown on Homepage without sign in        | 3 | 3 | 0 | 0 | 0.680 s  |
| 12 |                         | User is on Homepage and click Dropdown on Homepage without sign in        | 3 | 3 | 0 | 0 | 0.649 s  |
| 13 |                         | User is on Homepage and click Dropdown on Homepage without sign in        | 3 | 3 | 0 | 0 | 0.676 s  |
| 14 |                         | User is on Homepage and click Dropdown on Homepage without sign in        | 3 | 3 | 0 | 0 | 0.696 s  |
| 15 |                         | User is on Homepage and click Dropdown on Homepage without sign in        | 3 | 3 | 0 | 0 | 0.683 s  |

| : | # Feature Name | Scenario Name                   | T | P | F | S | Duration |
|---|----------------|---------------------------------|---|---|---|---|----------|
| 1 | 16             | User is going into RegisterPage | 3 | 3 | 0 | 0 | 0.532 s  |

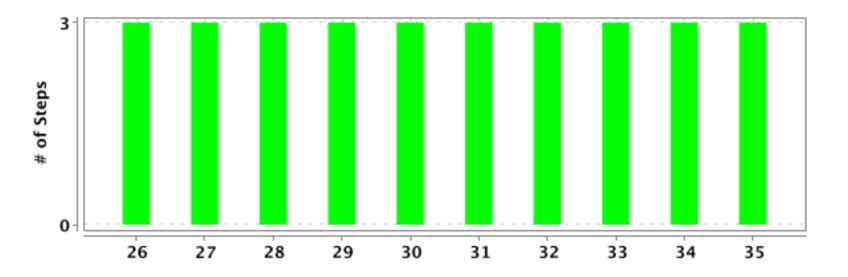
SCENARIOS SUMMARY -- 9 --



| #  | Feature Name                 | Scenario Name   | T | P | F | S | Duration |
|----|------------------------------|---|---|---|---|---|----------|
| 17 | Feature to test Hompage      | User is going into SigninPage   | 3 | 3 | 0 | 0 | 0.566 s  |
| 18 |                              | User logging into Homepage after signing in successfully                                      | 3 | 3 | 0 | 0 | 2.392 s  |
| 19 |                              | User is on Homepage and able to naviagate to  Datastructure page                              | 3 | 3 | 0 | 0 | 0.561 s  |
| 20 |                              | User is able to signout   | 3 | 3 | 0 | 0 | 0.830 s  |
| 21 | Feature to test RegisterPage | RegisterPage Title  | 3 | 3 | 0 | 0 | 0.250 s  |
| 22 |                              | The user is presented with error message for empty fields below Username textbox              | 3 | 3 | 0 | 0 | 0.548 s  |
| 23 |                              | The user is presented with error message for empty fields below Password textbox              | 3 | 3 | 0 | 0 | 0.701 s  |
| 24 |                              | The user is presented with error message for empty fields below Password Confirmation textbox | 3 | 3 | 0 | 0 | 0.837 s  |

| #  | Feature Name | Scenario Name   | T | P | F | S | Duration |
|----|--------------|---|---|---|---|---|----------|
| 25 |              | The user is presented with error message for password | 3 | 3 | 0 | 0 | 1.131 s  |
|    |              | <u>mismatch</u>                                       |   |   |   |   |          |

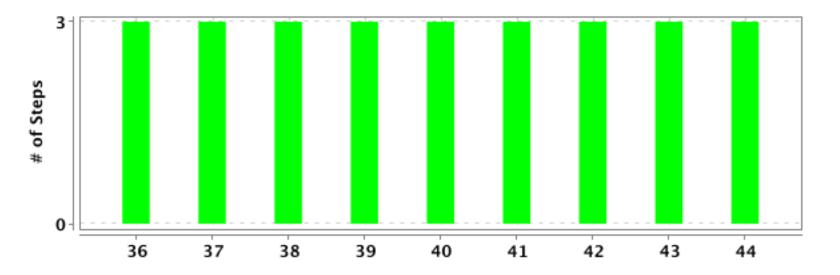
SCENARIOS SUMMARY -- 11 --



| #  | Feature Name                       | Scenario Name   | T | P | F | S | Duration |
|----|------------------------------------|---|---|---|---|---|----------|
| 26 | Feature to test SignInPage         | Verifying RegisterLink in SignInpage  | 3 | 3 | 0 | 0 | 0.471 s  |
| 27 |                                    | User on login page and login with invalid inputs  | 3 | 3 | 0 | 0 | 0.617 s  |
| 28 |                                    | User on login page and login with invalid inputs  | 3 | 3 | 0 | 0 | 0.617 s  |
| 29 |                                    | User on login page and login with invalid inputs  | 3 | 3 | 0 | 0 | 0.575 s  |
| 30 |                                    | User on login page and login with valid from Excel  | 3 | 3 | 0 | 0 | 1.227 s  |
| 31 | Feature to test DataStructuresPage | The user is able to navigate to Data Structure introduction page                          | 3 | 3 | 0 | 0 | 0.512 s  |
| 32 |                                    | User is able to navigate to Time Complexity page  | 3 | 3 | 0 | 0 | 0.641 s  |
| 33 |                                    | The user is able to navigate to a page having an tryEditor from Time Complexity page      | 3 | 3 | 0 | 0 | 1.383 s  |
| 34 |                                    | The user is in a page having an tryEditor with a Run button to test invalid python syntax | 3 | 3 | 0 | 0 | 1.234 s  |

| #  | Feature Name | Scenario Name   | T | P | F | S | Duration |
|----|--------------|---|---|---|---|---|----------|
| 35 |              | The user is in a page having an tryEditor with a Run button | 3 | 3 | 0 | 0 | 0.978 s  |
|    |              | to test valid python syntax                                 |   |   |   |   |          |

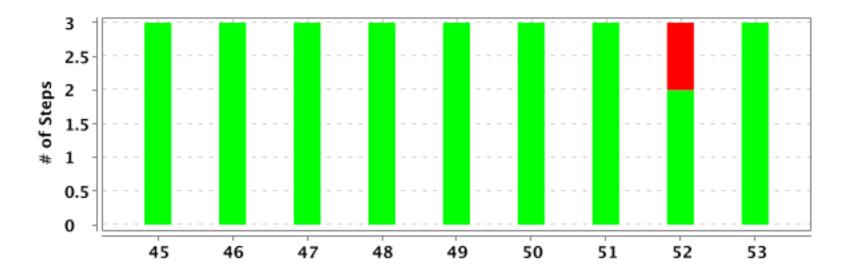
SCENARIOS SUMMARY -- 13 --



| #  | Feature Name               | Scenario Name   | T | P | F | S | Duration |
|----|----------------------------|---|---|---|---|---|----------|
| 36 | Feature to test Array page | The user is able to navigate to ARRAY Data Structure Page                                 | 3 | 3 | 0 | 0 | 0.728 s  |
| 37 |                            | The user is able to navigate to Arrays in Python page                                     | 3 | 3 | 0 | 0 | 1.070 s  |
| 38 |                            | The user is able to navigate to a page having an tryEditor from Arrays in Python page     | 3 | 3 | 0 | 0 | 0.680 s  |
| 39 |                            | The user is in a page having an tryEditor with a Run button to test invalid python syntax | 3 | 3 | 0 | 0 | 0.887 s  |
| 40 |                            | The user is in a page having an tryEditor with a Run button to test valid python syntax   | 3 | 3 | 0 | 0 | 0.893 s  |
| 41 |                            | The user is able to navigate to Arrays Using List page                                    | 3 | 3 | 0 | 0 | 0.751 s  |
| 42 |                            | The user is able to navigate to a page having an tryEditor for<br>Arrays Using List page  | 3 | 3 | 0 | 0 | 0.686 s  |
| 43 |                            | The user is in a page having an tryEditor with a Run button to test invalid python syntax | 3 | 3 | 0 | 0 | 1.122 s  |

| #  | Feature Name | Scenario Name   | T | P | F | S | Duration |
|----|--------------|---|---|---|---|---|----------|
| 44 |              | The user is in a page having an tryEditor with a Run button | 3 | 3 | 0 | 0 | 0.922 s  |
|    |              | to test valid python syntax                                 |   |   |   |   |          |

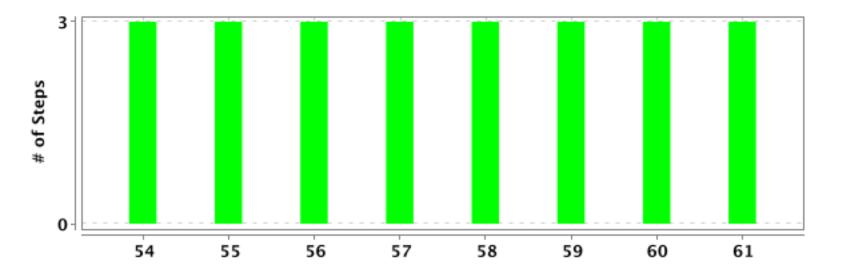
SCENARIOS SUMMARY



| #  | Feature Name               | Scenario Name   | <b>T</b> | P | F | S | Duration |
|----|----------------------------|---|----------|---|---|---|----------|
| 45 | Feature to test Array page | The user is able to navigate to Basic Operations in Lists page                              | 3        | 3 | 0 | 0 | 0.841 s  |
| 46 |                            | The user is able to navigate to a page having an tryEditor f Basic Operations in Lists page | 3        | 3 | 0 | 0 | 0.832 s  |
| 47 |                            | The user is in a page having an tryEditor with a Run button to test invalid python syntax   | 3        | 3 | 0 | 0 | 0.798 s  |
| 48 |                            | The user is in a page having an tryEditor with a Run button to test valid python syntax     | 3        | 3 | 0 | 0 | 0.859 s  |
| 49 |                            | The user is able to navigate to Applications of Array page                                  | 3        | 3 | 0 | 0 | 0.767 s  |
| 50 |                            | The user is able to navigate to Practice page   | 3        | 3 | 0 | 0 | 0.532 s  |
| 51 |                            | The user is able to navigate to Question page from Search the array link                    | 3        | 3 | 0 | 0 | 0.674 s  |

| #  | Feature Name               | Scenario Name   | T | P | F | S | Duration |
|----|----------------------------|---|---|---|---|---|----------|
| 52 |                            | The user is able to run code in tryEditor for Search the array link | 3 | 2 | 1 | 0 | 2.652 s  |
| 53 | Feature to test Graph Page | The user is able to navigate to GRAPH Data Structure Page           | 3 | 3 | 0 | 0 | 0.643 s  |

SCENARIOS SUMMARY -- 17 --



| #  | Feature Name               | Scenario Name  | T | P | F | S | Duration |
|----|----------------------------|--|---|---|---|---|----------|
| 54 | Feature to test Graph Page | The user is able to navigate to Graph page   | 3 | 3 | 0 | 0 | 0.596 s  |
| 55 |                            | The user is able to navigate to a page having an tryEditor from Graph page                 | 3 | 3 | 0 | 0 | 0.845 s  |
| 56 |                            | The user is in a page having an tryEditor with a Run button to test invalid python syntax  | 3 | 3 | 0 | 0 | 0.894 s  |
| 57 |                            | The user is in a page having an tryEditor with a Run button to test valid python syntax    | 3 | 3 | 0 | 0 | 0.971 s  |
| 58 |                            | The user is able to navigate to Graph Representations link                                 | 3 | 3 | 0 | 0 | 0.798 s  |
| 59 |                            | The user is able to navigate to a page having an tryEditor from Graph Representations page | 3 | 3 | 0 | 0 | 0.752 s  |
| 60 |                            | The user is in a page having an tryEditor with a Run button to test invalid python syntax  | 3 | 3 | 0 | 0 | 0.843 s  |

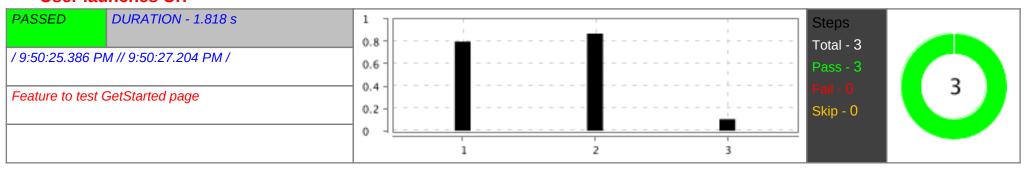
| #  | Feature Name | Scenario Name   | T | P | F | S | Duration |
|----|--------------|---|---|---|---|---|----------|
| 61 |              | The user is in a page having an tryEditor with a Run button | 3 | 3 | 0 | 0 | 0.928 s  |
|    |              | to test valid python syntax                                 |   |   |   |   |          |

DETAILED SECTION -- 19 --

#### **Feature to test GetStarted page**

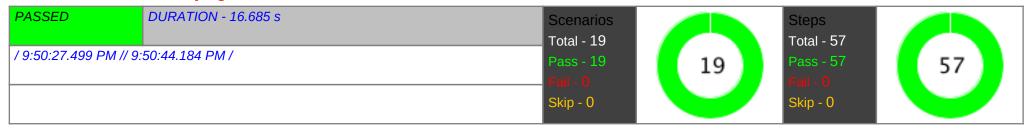
| PASSED              | DURATION - 1.837 s | Scenarios |   | Steps     |   |
|---------------------|--------------------|-----------|---|-----------|---|
|                     |                    | Total - 1 |   | Total - 3 |   |
| / 9:50:25.367 PM // | 9:50:27.204 PM /   | Pass - 1  | 1 | Pass - 3  | 3 |
|                     |                    | Fail - 0  |   | Fail - 0  |   |
|                     |                    | Skip - 0  |   | Skip - 0  |   |
|                     |                    |           |   |           |   |

#### **User launches Url**



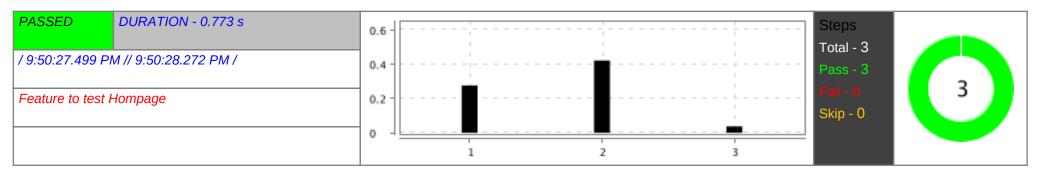
| # | Step / Hook Details                            | Status | Duration |
|---|--|--------|----------|
| 1 | Given User opens dsalgo application url        | PASSED | 0.797 s  |
| 2 | When The user clicks the Get Started button    | PASSED | 0.869 s  |
| 3 | Then The user should be redirected to homepage | PASSED | 0.102 s  |

#### **Feature to test Hompage**



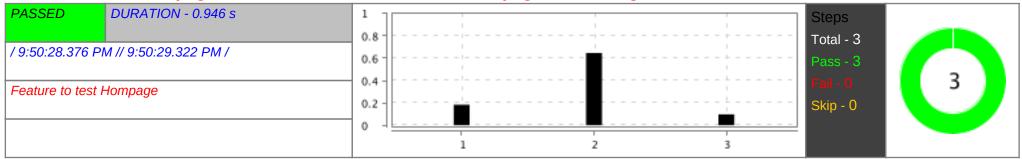
User launch home page of an dsalgo project

DETAILED SECTION -- 20 --



| # | Step / Hook Details                            | Status | Duration |
|---|--|--------|----------|
| 1 | Given the user opens DS Algo portal link       | PASSED | 0.276 s  |
| 2 | When the user clicks the "Get Started" button  | PASSED | 0.422 s  |
| 3 | Then the user should be redirected to homepage | PASSED | 0.037 s  |

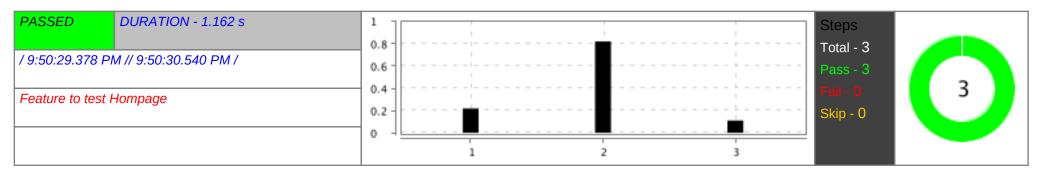
#### User is on Homepage and click GetStarted link on Homepage without sign in



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given the User is on HomePage   | PASSED | 0.183 s  |
| 2 | When the user clicks on Get Started link on homepage "Datastructures" without login | PASSED | 0.647 s  |
| 3 | Then the user get warning message "You are not logged in"                           | PASSED | 0.097 s  |

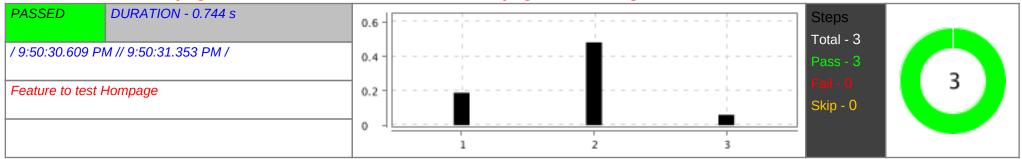
User is on Homepage and click GetStarted link on Homepage without sign in

DETAILED SECTION -- 21 --



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given the User is on HomePage   | PASSED | 0.218 s  |
| 2 | When the user clicks on Get Started link on homepage "Arrays" without login | PASSED | 0.821 s  |
| 3 | Then the user get warning message "You are not logged in"                   | PASSED | 0.110 s  |

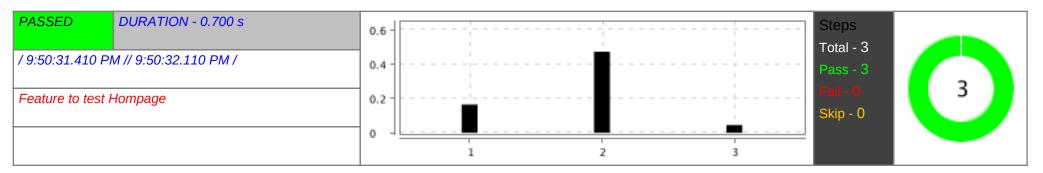
#### User is on Homepage and click GetStarted link on Homepage without sign in



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given the User is on HomePage  | PASSED | 0.189 s  |
| 2 | When the user clicks on Get Started link on homepage "Linked List" without login | PASSED | 0.482 s  |
| 3 | Then the user get warning message "You are not logged in"                        | PASSED | 0.060 s  |

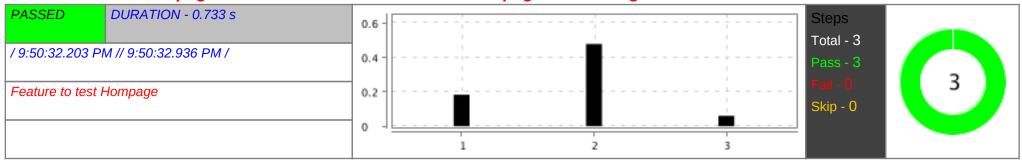
User is on Homepage and click GetStarted link on Homepage without sign in

DETAILED SECTION -- 22 --



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given the User is on HomePage  | PASSED | 0.165 s  |
| 2 | When the user clicks on Get Started link on homepage "Stack" without login | PASSED | 0.474 s  |
| 3 | Then the user get warning message "You are not logged in"                  | PASSED | 0.045 s  |

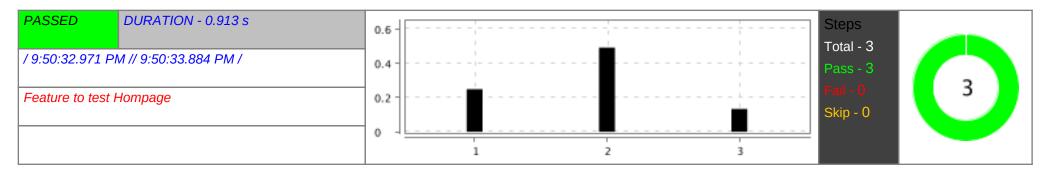
#### User is on Homepage and click GetStarted link on Homepage without sign in



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given the User is on HomePage  | PASSED | 0.183 s  |
| 2 | When the user clicks on Get Started link on homepage "Queue" without login | PASSED | 0.478 s  |
| 3 | Then the user get warning message "You are not logged in"                  | PASSED | 0.060 s  |

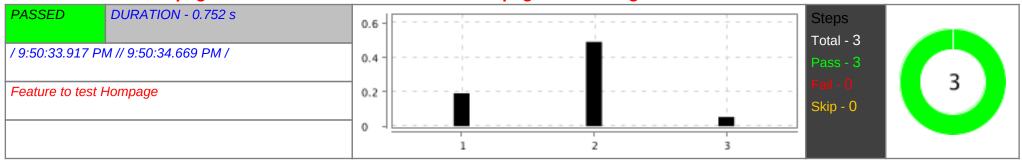
User is on Homepage and click GetStarted link on Homepage without sign in

DETAILED SECTION -- 23 --



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given the User is on HomePage   | PASSED | 0.249 s  |
| 2 | When the user clicks on Get Started link on homepage "Tree" without login | PASSED | 0.492 s  |
| 3 | Then the user get warning message "You are not logged in"                 | PASSED | 0.133 s  |

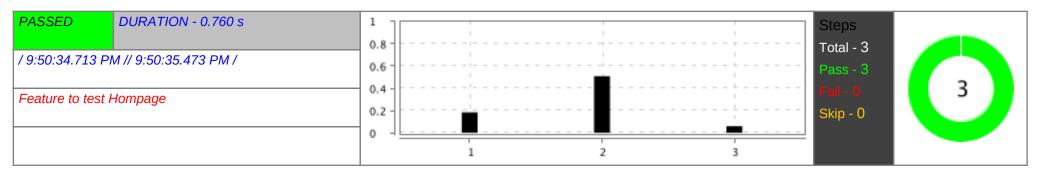
#### User is on Homepage and click GetStarted link on Homepage without sign in



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given the User is on HomePage  | PASSED | 0.192 s  |
| 2 | When the user clicks on Get Started link on homepage "Graph" without login | PASSED | 0.491 s  |
| 3 | Then the user get warning message "You are not logged in"                  | PASSED | 0.053 s  |

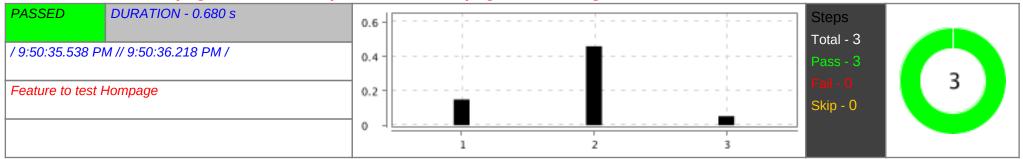
User is on Homepage and click Dropdown on Homepage without sign in

DETAILED SECTION -- 24 --



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given the User is on HomePage                                       | PASSED | 0.184 s  |
| 2 | When the user clicks on Dropdown on homepage "Arrays" without login | PASSED | 0.509 s  |
| 3 | Then the user get warning message "You are not logged in"           | PASSED | 0.059 s  |

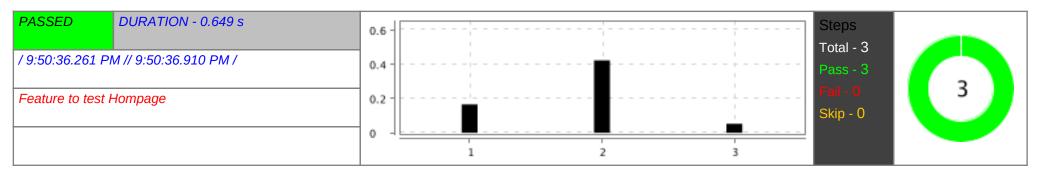
#### User is on Homepage and click Dropdown on Homepage without sign in



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given the User is on HomePage  | PASSED | 0.150 s  |
| 2 | When the user clicks on Dropdown on homepage "Linked List" without login | PASSED | 0.459 s  |
| 3 | Then the user get warning message "You are not logged in"                | PASSED | 0.052 s  |

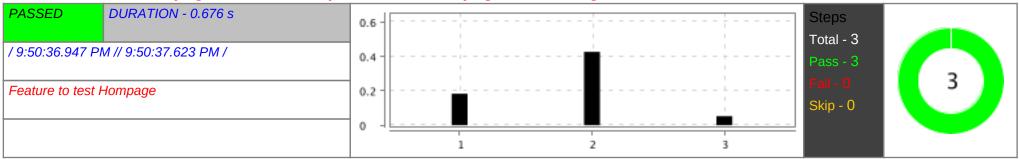
User is on Homepage and click Dropdown on Homepage without sign in

DETAILED SECTION -- 25 --



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given the User is on HomePage                                      | PASSED | 0.166 s  |
| 2 | When the user clicks on Dropdown on homepage "Stack" without login | PASSED | 0.423 s  |
| 3 | Then the user get warning message "You are not logged in"          | PASSED | 0.052 s  |

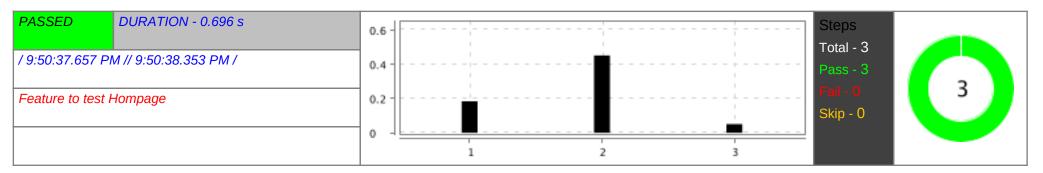
#### User is on Homepage and click Dropdown on Homepage without sign in



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given the User is on HomePage                                      | PASSED | 0.183 s  |
| 2 | When the user clicks on Dropdown on homepage "Queue" without login | PASSED | 0.427 s  |
| 3 | Then the user get warning message "You are not logged in"          | PASSED | 0.052 s  |

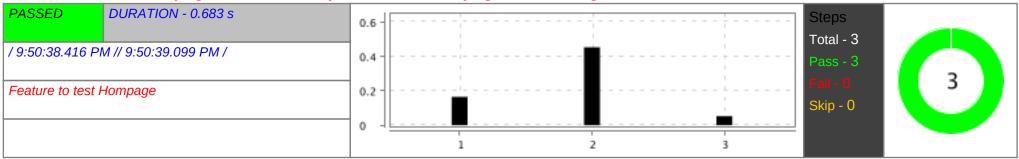
User is on Homepage and click Dropdown on Homepage without sign in

DETAILED SECTION -- 26 --



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given the User is on HomePage                                     | PASSED | 0.184 s  |
| 2 | When the user clicks on Dropdown on homepage "Tree" without login | PASSED | 0.452 s  |
| 3 | Then the user get warning message "You are not logged in"         | PASSED | 0.051 s  |

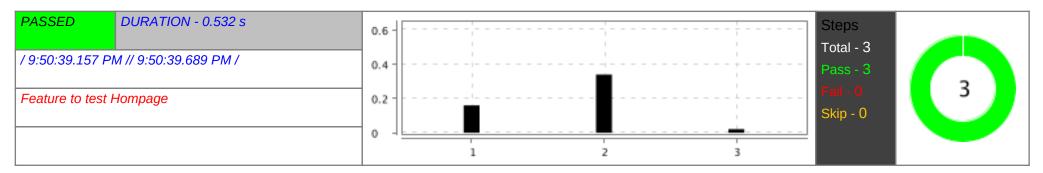
#### User is on Homepage and click Dropdown on Homepage without sign in



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given the User is on HomePage                                      | PASSED | 0.165 s  |
| 2 | When the user clicks on Dropdown on homepage "Graph" without login | PASSED | 0.454 s  |
| 3 | Then the user get warning message "You are not logged in"          | PASSED | 0.052 s  |

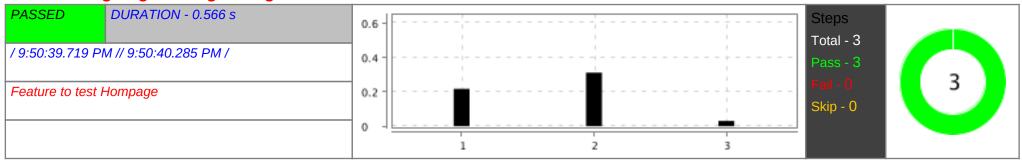
#### **User is going into RegisterPage**

DETAILED SECTION -- 27 --



| # | Step / Hook Details                  | Status | Duration |
|---|--------------------------------------|--------|----------|
| 1 | Given the User is on HomePage        | PASSED | 0.160 s  |
| 2 | When the user clicks on RegisterLink | PASSED | 0.340 s  |
| 3 | Then the user landsOn Register Page  | PASSED | 0.021 s  |

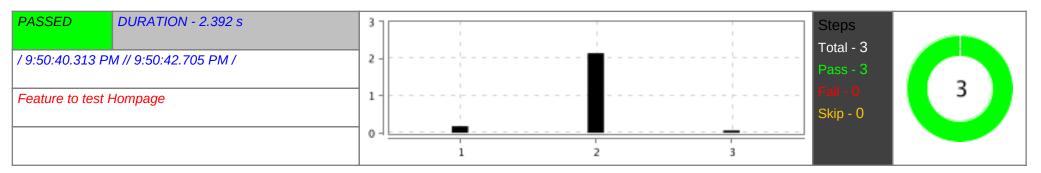
#### **User is going into SigninPage**



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given the User is on HomePage  | PASSED | 0.217 s  |
| 2 | When the user clicks on Sign in link after getting the not logged in message | PASSED | 0.312 s  |
| 3 | Then the user lands on loginPage   | PASSED | 0.031 s  |

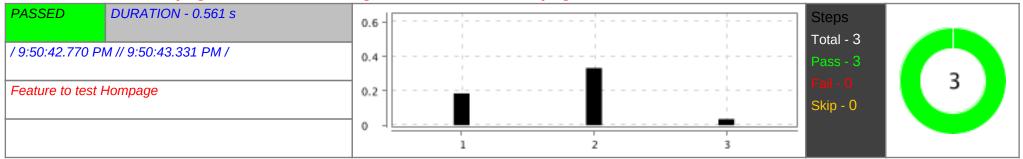
**User logging into Homepage after signing in successfully** 

DETAILED SECTION -- 28 --



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given the user is on SignInPage   | PASSED | 0.175 s  |
| 2 | When the user gives valid username password from sheetname "Logindetails" and RowNumber 1 and clicks Login button | PASSED | 2.146 s  |
| 3 | Then the user lands onto HomePage and displays the message "You are logged in"                                    | PASSED | 0.063 s  |

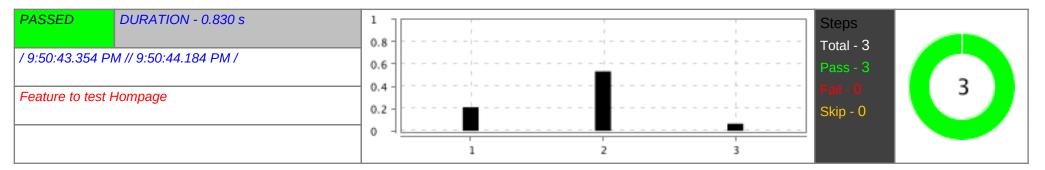
#### **User is on Homepage and able to naviagate to Datastructure page**



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given user is on Homepage after logged in  | PASSED | 0.185 s  |
| 2 | When the user clicks on DataStructure Get started button   | PASSED | 0.333 s  |
| 3 | Then the user should be navigated to DataStructure Page hanving title "Data Structures-Introduction" | PASSED | 0.035 s  |

User is able to signout

DETAILED SECTION -- 29 --

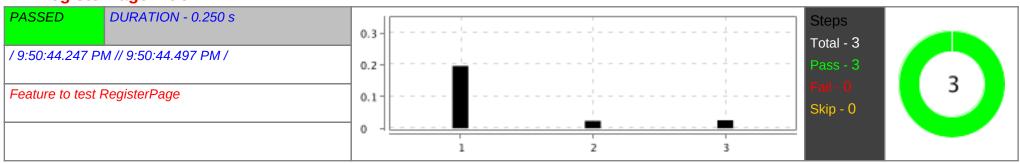


| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given user is on Homepage after logged in                                 | PASSED | 0.211 s  |
| 2 | When the user clicks on signout link                                      | PASSED | 0.533 s  |
| 3 | Then the user SignsOut and displays the message "Logged out successfully" | PASSED | 0.063 s  |

## **Feature to test RegisterPage**

| PASSED           | DURATION - 3.624 s    | Scenarios |   | Steps      |    |
|------------------|-----------------------|-----------|---|------------|----|
|                  |                       | Total - 5 |   | Total - 15 |    |
| / 9:50:44.247 PN | Л // 9:50:47.871 PM / | Pass - 5  | 5 | Pass - 15  | 15 |
|                  |                       | Fail - 0  |   | Fail - 0   | 10 |
|                  |                       | Skip - 0  |   | Skip - 0   |    |
|                  |                       | Simp 0    |   |            |    |

#### **RegisterPage Title**

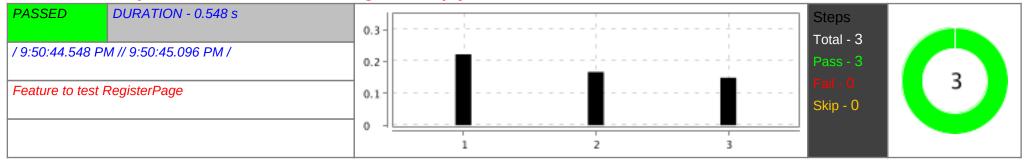


| # | Step / Hook Details                              | Status | Duration |
|---|--|--------|----------|
| 1 | Given the user is on RegistrationPage            | PASSED | 0.196 s  |
| 2 | When the user gets the Title of the RegisterPage | PASSED | 0.023 s  |

DETAILED SECTION -- 30 --

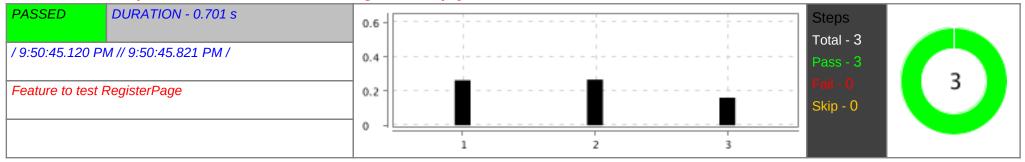
| # | Step / Hook Details                      | Status | Duration |
|---|--|--------|----------|
| 3 | Then the page title to be "Registration" | PASSED | 0.025 s  |

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



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given the user is on RegistrationPage  | PASSED | 0.222 s  |
| 2 | When The user clicks Register button with all fields empty                           | PASSED | 0.167 s  |
| 3 | Then It should display an error "Please fill out this field." below Username textbox | PASSED | 0.149 s  |

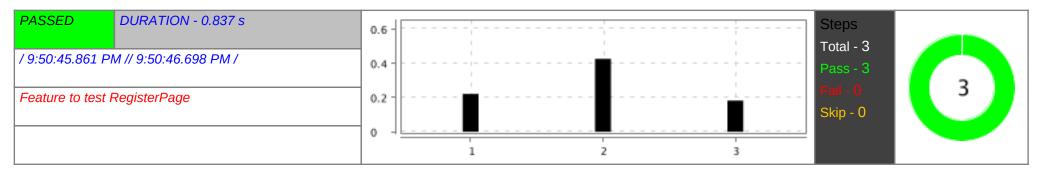
#### The user is presented with error message for empty fields below Password textbox



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given the user is on RegistrationPage   | PASSED | 0.263 s  |
| 2 | When The user clicks Register button after entering username "username" with all fields empty | PASSED | 0.267 s  |
| 3 | Then It should display an error "Please fill out this field." below Password textbox          | PASSED | 0.161 s  |

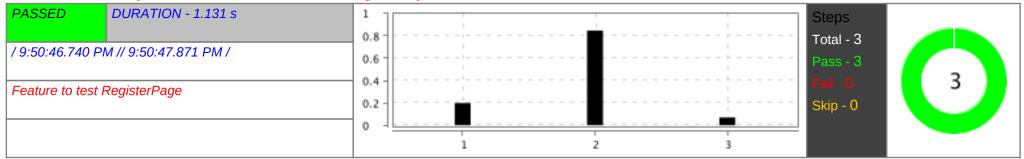
The user is presented with error message for empty fields below Password Confirmation textbox

DETAILED SECTION -- 31 --



| # | Step / Hook Details   |        | Duration |
|---|---|--------|----------|
| 1 | Given the user is on RegistrationPage   | PASSED | 0.221 s  |
| 2 | When The user clicks Register button after entering username "username" and password "password" with all fields empty | PASSED | 0.426 s  |
| 3 | Then It should display an error "Please fill out this field." below Password Confirmation textbox                     | PASSED | 0.182 s  |

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

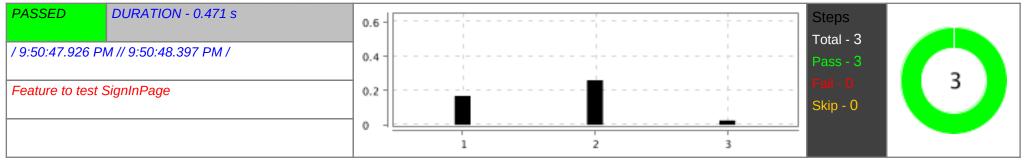


| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given the user is on RegistrationPage  | PASSED | 0.198 s  |
| 2 | When The user clicks Register button after entering valid username and sheetname "RegisterPageDetails" and rownumber 0 | PASSED | 0.847 s  |
|   | different passwords in password and password confirmation fields from excelsheet                                       |        |          |
| 3 | Then It should display an error message for passwordMismatch   | PASSED | 0.069 s  |

## **Feature to test SignInPage**

| PASSED                | DURATION - 3.668 s | Scenarios              |   | Steps                   |    |
|-----------------------|--------------------|------------------------|---|-------------------------|----|
| / 9:50:47.926 PM // 9 | ):50:51.594 PM /   | Total - 5 Pass - 5     | 5 | Total - 15<br>Pass - 15 | 15 |
|                       |                    | Fail - 0<br>  Skip - 0 |   | Fail - 0<br>Skip - 0    |    |

## **Verifying RegisterLink in SignInpage**



| # | Step / Hook Details                                |        | Duration |
|---|--|--------|----------|
| 1 | Given the user is on SignInPage                    | PASSED | 0.169 s  |
| 2 | When the user clicks on RegisterLink in SignInPage | PASSED | 0.260 s  |
| 3 | Then the user redirected to RegistrationPage       | PASSED | 0.025 s  |

### User on login page and login with invalid inputs

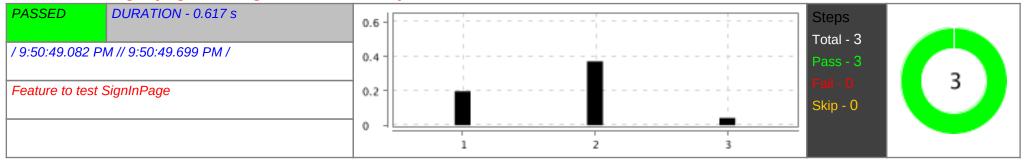
| PASSED DURATION - 0.617 s            | 0.6 - Steps              |
|--------------------------------------|--------------------------|
| / 9:50:48.434 PM // 9:50:49.051 PM / | 0.4 - Total - 3 Pass - 3 |
| Feature to test SignInPage           | 0.2 Fail - 0 Skip - 0    |
|                                      | 0 1 2 3                  |

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given the user is on SignInPage                                      | PASSED | 0.180 s  |
| 2 | When The user have missing fields in username "" and password "pass" | PASSED | 0.354 s  |

DETAILED SECTION -- 33 --

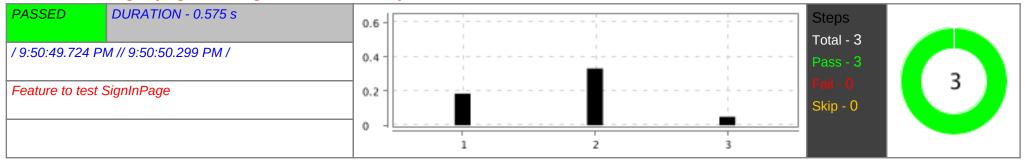
| # | Step / Hook Details                | Status | Duration |
|---|------------------------------------|--------|----------|
| 3 | Then verify missing fileds message | PASSED | 0.072 s  |

#### User on login page and login with invalid inputs



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given the user is on SignInPage                                      | PASSED | 0.197 s  |
| 2 | When The user have missing fields in username "user" and password "" | PASSED | 0.372 s  |
| 3 | Then verify missing fileds message                                   | PASSED | 0.042 s  |

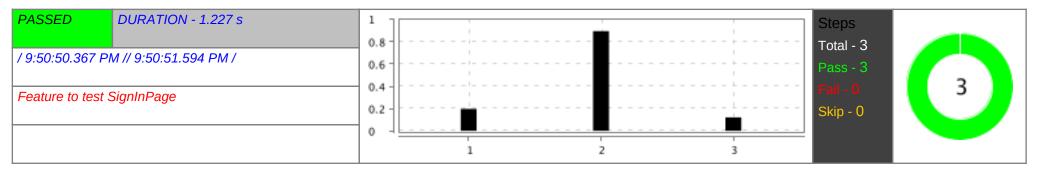
## User on login page and login with invalid inputs



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given the user is on SignInPage                                  | PASSED | 0.185 s  |
| 2 | When The user have missing fields in username "" and password "" | PASSED | 0.332 s  |
| 3 | Then verify missing fileds message                               | PASSED | 0.050 s  |

**User on login page and login with valid from Excel** 

DETAILED SECTION -- 34 --



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given the user is on SignInPage  | PASSED | 0.196 s  |
| 2 | When The user enters valid username password from sheetname "Logindetails" and RowNumber 1 and clicks Login button | PASSED | 0.896 s  |
| 3 | Then the user verify valid login details   | PASSED | 0.121 s  |

# **Feature to test DataStructuresPage**

|   | Total - 15 |          |
|---|------------|----------|
| 5 | Pass - 15  | 15       |
| 3 | Fail - 0   | 13       |
|   | Skip - 0   |          |
|   | 5          | Fail - 0 |

#### The user is able to navigate to Data Structure introduction page

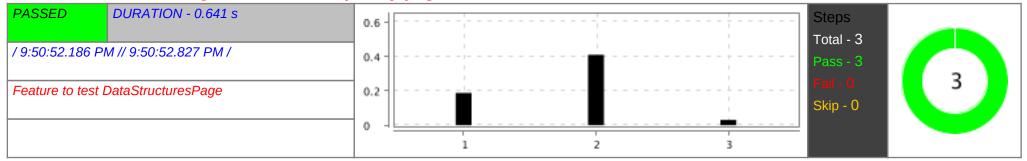
| PASSED          | DURATION - 0.512 s    | 0.6 - | · · · · · · · · · · · · · · · · · · · | Steps                 |   |
|-----------------|-----------------------|-------|---------------------------------------|-----------------------|---|
| / 9:50:51.645 P | M // 9:50:52.157 PM / | 0.4 - |                                       | Total - 3<br>Pass - 3 |   |
| Feature to test | DataStructuresPage    | 0.2 - |                                       | Fail - 0<br>Skip - 0  | 3 |
|                 |                       | 0 -   | 1 2 3                                 |                       |   |

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the home page after logged in  | PASSED | 0.156 s  |
| 2 | When The user clicks the Getting Started button in Data Structure Page introduction Panel | PASSED | 0.323 s  |

DETAILED SECTION -- 35 --

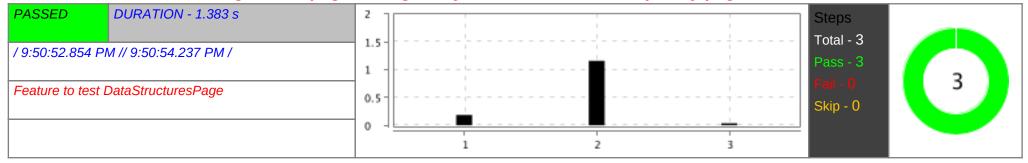
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 3 | Then The user should be redirected to data structure introduction page having title "Data Structures-Introduction" | PASSED | 0.026 s  |

#### **User is able to navigate to Time Complexity page**



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on Data Structures introduction page  | PASSED | 0.188 s  |
| 2 | When The user clicks the Time Complexity link   | PASSED | 0.410 s  |
| 3 | Then The user should be redirected to the Time Complexity page having title "Time Complexity" | PASSED | 0.031 s  |

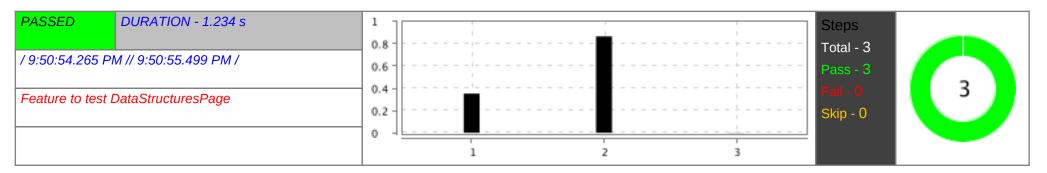
#### The user is able to navigate to a page having an tryEditor from Time Complexity page



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given the user is on TimeComplexityPage  | PASSED | 0.186 s  |
| 2 | When the user clicks on TryHere button   | PASSED | 1.157 s  |
| 3 | Then the user should be redirected to Try Editor Page having page Title "Assessment" | PASSED | 0.034 s  |

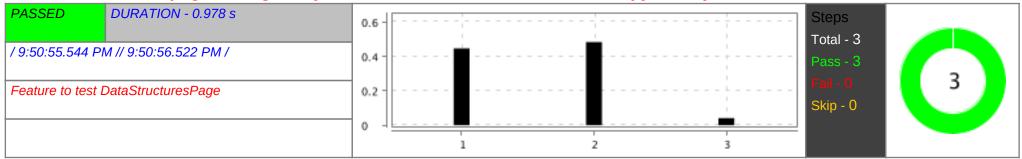
The user is in a page having an tryEditor with a Run button to test invalid python syntax

DETAILED SECTION -- 36 --



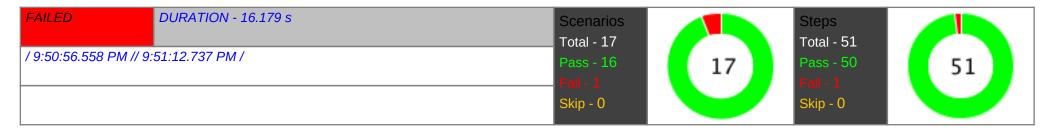
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given the user is in a page having tryEditor  | PASSED | 0.352 s  |
| 2 | When The user enter python code with invalid syntax from sheet "pythonCode" and 0       | PASSED | 0.866 s  |
| 3 | Then The user should be presented with error message "SyntaxError: bad input on line 1" | PASSED | 0.002 s  |

#### The user is in a page having an tryEditor with a Run button to test valid python syntax

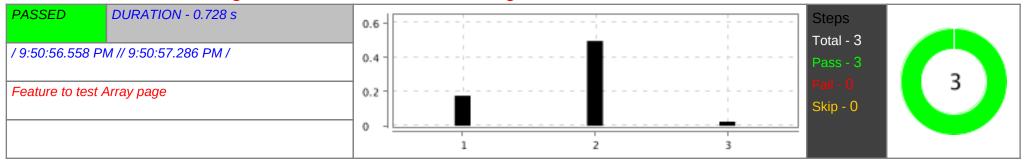


| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given the user is in a page having tryEditor                                    | PASSED | 0.447 s  |
| 2 | When The user enter python code with valid syntax from sheet "pythonCode" and 1 | PASSED | 0.484 s  |
| 3 | Then The user should be presented with Run result "Hello"                       | PASSED | 0.041 s  |

#### **Feature to test Array page**



#### The user is able to navigate to ARRAY Data Structure Page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the home page after logged in  | PASSED | 0.175 s  |
| 2 | When The user select Array item from the drop down menu                                   | PASSED | 0.496 s  |
| 3 | Then The user should be redirected to Array Data Structure Page having page title "Array" | PASSED | 0.024 s  |

#### The user is able to navigate to Arrays in Python page

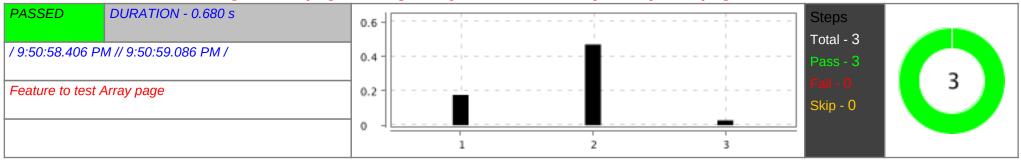
| PASSED          | DURATION - 1.070 s     | 1     | Steps     |   |
|-----------------|------------------------|-------|-----------|---|
| / 9:50:57.312 P | PM // 9:50:58.382 PM / | 0.6   | Total - 3 |   |
| Feature to test | Arrav page             | 0.4 - | Fail - 0  | 3 |
|                 |                        | 0.2 - | Skip - 0  |   |
|                 |                        | 0 -   | 1 2 3     |   |

| # | Step / Hook Details                                 | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the Array page after logged in | PASSED | 0.354 s  |
| 2 | When The user clicks Arrays in Python link          | PASSED | 0.685 s  |

DETAILED SECTION -- 38 --

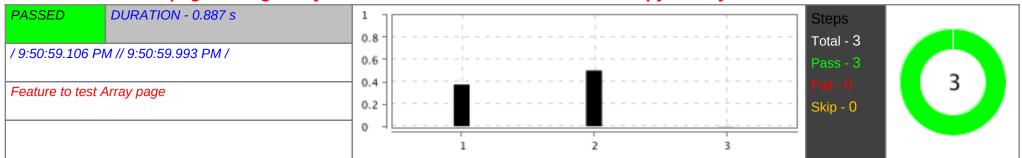
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 3 | Then The user should be redirected to Arrays in Python page having page title "Arrays in Python" | PASSED | 0.026 s  |

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



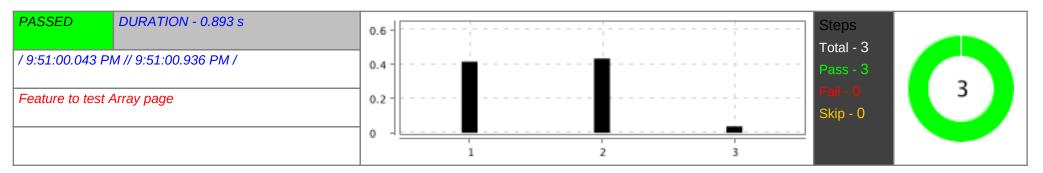
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Arrays in Python page after logged in                       | PASSED | 0.176 s  |
| 2 | When the user clicks on TryHere button   | PASSED | 0.470 s  |
| 3 | Then the user should be redirected to Try Editor Page having page Title "Assessment" | PASSED | 0.028 s  |

### The user is in a page having an tryEditor with a Run button to test invalid python syntax



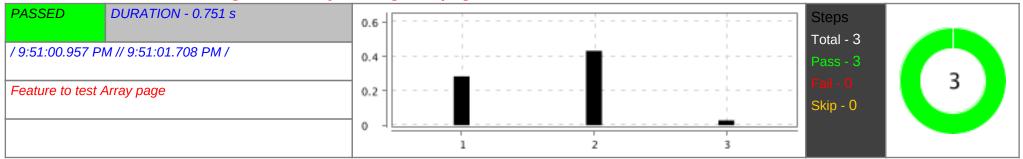
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given the user is in a page having tryEditor  | PASSED | 0.375 s  |
| 2 | When The user enter python code with invalid syntax from sheet "pythonCode" and 0       | PASSED | 0.502 s  |
| 3 | Then The user should be presented with error message "SyntaxError: bad input on line 1" | PASSED | 0.001 s  |

DETAILED SECTION -- 39 --



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given the user is in a page having tryEditor                                    | PASSED | 0.416 s  |
| 2 | When The user enter python code with valid syntax from sheet "pythonCode" and 1 | PASSED | 0.434 s  |
| 3 | Then The user should be presented with Run result "Hello"                       | PASSED | 0.037 s  |

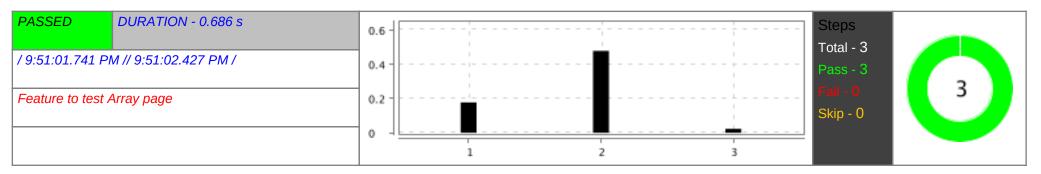
### The user is able to navigate to Arrays Using List page



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Array page after logged in  | PASSED | 0.284 s  |
| 2 | When The user clicks Arrays Using List link  | PASSED | 0.433 s  |
| 3 | Then The user should be redirected to Arrays Using List page having page title "Arrays Using List" | PASSED | 0.028 s  |

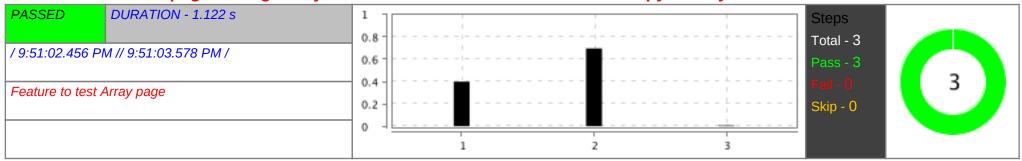
The user is able to navigate to a page having an tryEditor for Arrays Using List page

DETAILED SECTION -- 40 --



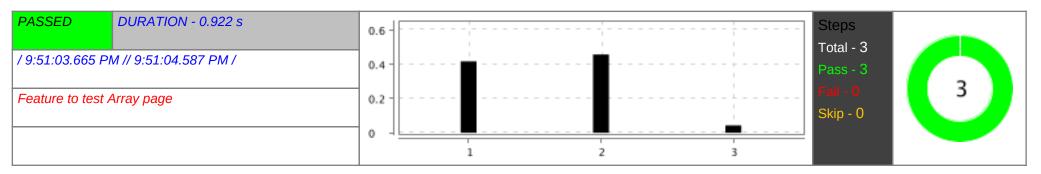
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Arrays Using List after logged in                           | PASSED | 0.177 s  |
| 2 | When the user clicks on TryHere button   | PASSED | 0.478 s  |
| 3 | Then the user should be redirected to Try Editor Page having page Title "Assessment" | PASSED | 0.023 s  |

### The user is in a page having an tryEditor with a Run button to test invalid python syntax



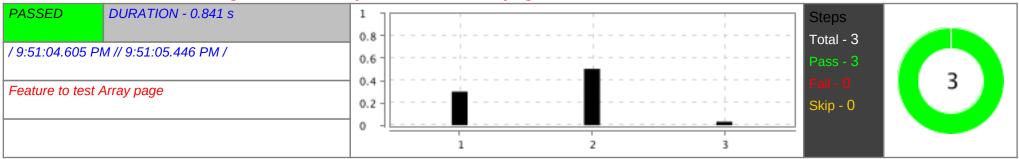
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given the user is in a page having tryEditor  | PASSED | 0.399 s  |
| 2 | When The user enter python code with invalid syntax from sheet "pythonCode" and 0       | PASSED | 0.696 s  |
| 3 | Then The user should be presented with error message "SyntaxError: bad input on line 1" | PASSED | 0.006 s  |

DETAILED SECTION -- 41 --



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given the user is in a page having tryEditor                                    | PASSED | 0.417 s  |
| 2 | When The user enter python code with valid syntax from sheet "pythonCode" and 1 | PASSED | 0.457 s  |
| 3 | Then The user should be presented with Run result "Hello"                       | PASSED | 0.043 s  |

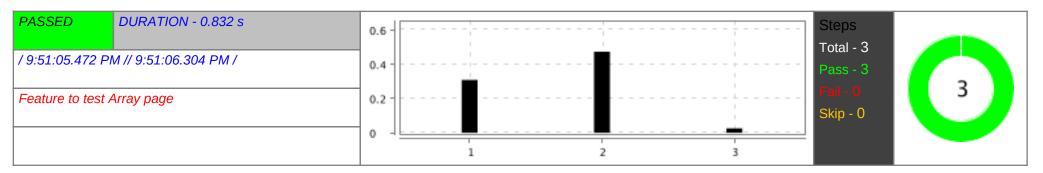
### The user is able to navigate to Basic Operations in Lists page



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Array page after logged in  | PASSED | 0.300 s  |
| 2 | When The user clicks Basic Operations in Lists link  | PASSED | 0.504 s  |
| 3 | Then The user should be redirected to Basic Operations in Lists page having page title "Basic Operations in Lists" | PASSED | 0.031 s  |

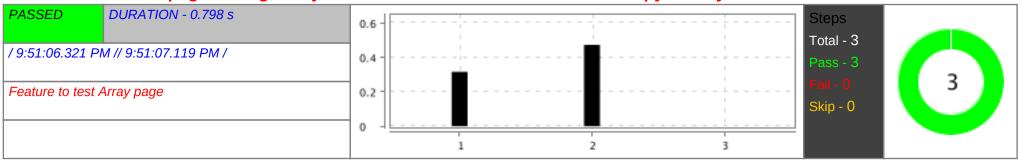
The user is able to navigate to a page having an tryEditor f Basic Operations in Lists page

DETAILED SECTION -- 42 --



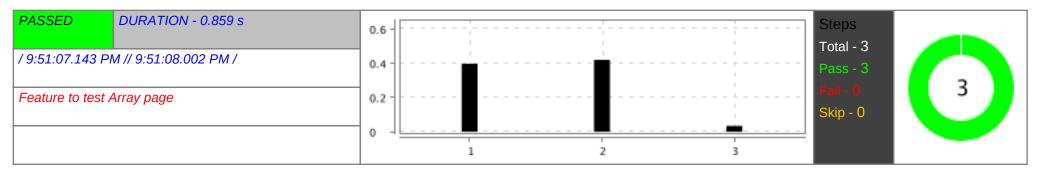
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Basic Operations in Lists after logged in                   | PASSED | 0.309 s  |
| 2 | When the user clicks on TryHere button   | PASSED | 0.474 s  |
| 3 | Then the user should be redirected to Try Editor Page having page Title "Assessment" | PASSED | 0.026 s  |

### The user is in a page having an tryEditor with a Run button to test invalid python syntax



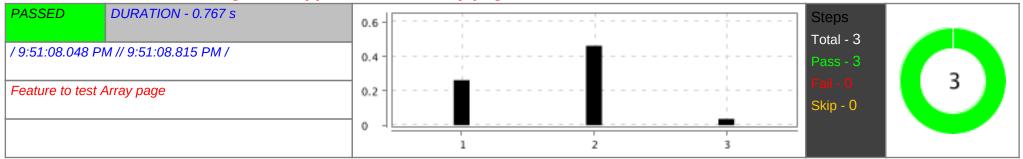
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given the user is in a page having tryEditor  | PASSED | 0.316 s  |
| 2 | When The user enter python code with invalid syntax from sheet "pythonCode" and 0       | PASSED | 0.474 s  |
| 3 | Then The user should be presented with error message "SyntaxError: bad input on line 1" | PASSED | 0.000 s  |

DETAILED SECTION -- 43 --



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given the user is in a page having tryEditor                                    | PASSED | 0.397 s  |
| 2 | When The user enter python code with valid syntax from sheet "pythonCode" and 1 | PASSED | 0.420 s  |
| 3 | Then The user should be presented with Run result "Hello"                       | PASSED | 0.034 s  |

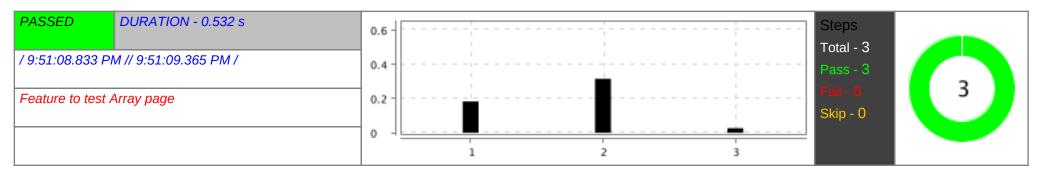
### The user is able to navigate to Applications of Array page



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Array page after logged in  | PASSED | 0.262 s  |
| 2 | When The user clicks Applications of Array link  | PASSED | 0.462 s  |
| 3 | Then The user should be redirected to Applications of Array page having page title "Applications of Array" | PASSED | 0.036 s  |

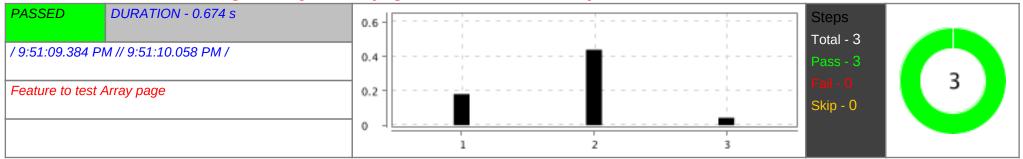
### The user is able to navigate to Practice page

DETAILED SECTION -- 44 --



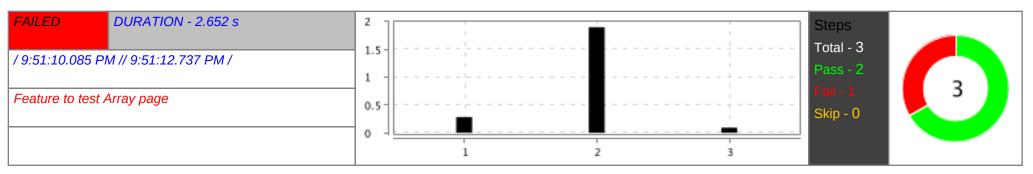
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the Arrays in Python page after logged in                        | PASSED | 0.183 s  |
| 2 | When The user clicks Practice Questions link  | PASSED | 0.315 s  |
| 3 | Then The user should be redirected to Practice page having title "Practice Questions" | PASSED | 0.027 s  |

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



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Practice page after logged in   | PASSED | 0.181 s  |
| 2 | When The user clicks the Search the array link   | PASSED | 0.439 s  |
| 3 | Then The user should be redirected to question page having tryEditor with Run and Submit buttons having page Title | PASSED | 0.043 s  |
|   | "Assessment"   |        |          |

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



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on "Question" page of "Search the array" after logged in   | PASSED | 0.281 s  |
| 2 | When The user enter valid python code in tryEditor from sheetname "pythonCode" and rownumber 2 and clicks Run button   | PASSED | 1.898 s  |
| 3 | Then The user should be presented with Run result  | FAILED | 0.092 s  |
|   | org.openga.selenium.UnhandledAlertException: unexpected alert open: {Alert text : SyntaxError: bad input on line 2} (Session info: chrome=118.0.5993.117): SyntaxError: bad input on line 2 Build info: version: '4.12.1', revision: '8e34639b11' System info: os.name: 'Mac OS X', os.arch: 'x86_64', os.version: '11.7.7', java.version: '17.0.7' Driver info: org.openga.selenium.chrome.ChromeDriver Command: [11d283aa15ecfcb45434b67f9efce34e, findElement (Jusing=xpath, value=//pre{@id=output/}) Capabilities (acceptInsecureCerts: false, browserName: chrome, browserVersion: 118.0.5993.17, chrome: (chromedriverVersion: 118.0.5993.17, loters/g_/Onhmrxv5743), fedcm:accounts: true, goog:chromeOptions: (debuggerAddress: localhost:49975), networkConnectionEnabled: false, pageLoadStrategy: normal, platformName: mac, proxy: Proxy(), se:cdp: ws://localhost:49975/devtoo, se:cdpVersion: 118.0.5993.117, setWindowRect: true, strictFileInteractability: false, timeouts: {implicit: 0, pageLoad: 300000, scrip: 30000}, unhandledPromptBehavior: dismiss and notify, webauthn:extension.orgf. true, webauthn:extension.orgf. true |        |          |

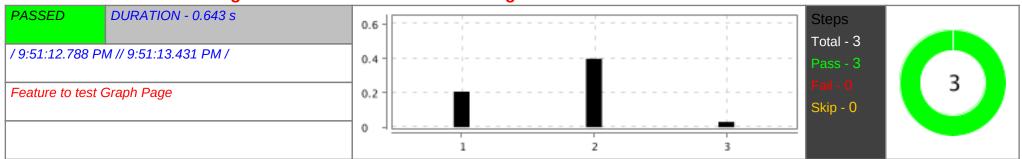
DETAILED SECTION -- 46 --

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
|   | AFTER_STEP - appHooks.hooks.addScreenShot(io.cucumber.java.Scenario)   | PASSED | 0.357 s  |
|   | The_user_is_able_to_run_code_in_tryEditor_for_Search_the_array_link  |        |          |
|   | CONTINUE  In the continue of t |        |          |

# **Feature to test Graph Page**

| PASSED              | DURATION - 7.468 s            | Scenarios |   | Steps      |    |
|---------------------|-------------------------------|-----------|---|------------|----|
|                     |                               | Total - 9 |   | Total - 27 |    |
| / 9:51:12.788 PM // | <sup>7</sup> 9:51:20.256 PM / | Pass - 9  | 9 | Pass - 27  | 27 |
|                     |                               | Fail - 0  |   | Fail - 0   | 21 |
|                     |                               | Skip - 0  |   | Skip - 0   |    |
|                     |                               |           |   |            |    |

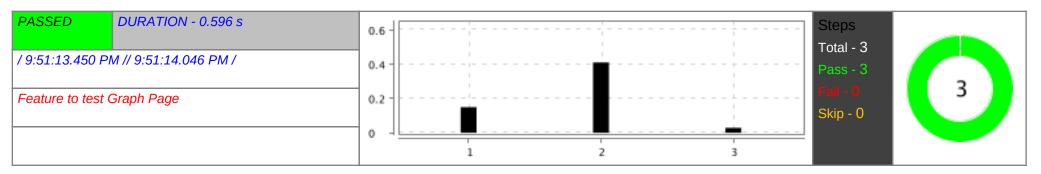
# The user is able to navigate to GRAPH Data Structure Page



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the home page after logged in  | PASSED | 0.207 s  |
| 2 | When The user selects Graph item from the drop down menu                                  | PASSED | 0.398 s  |
| 3 | Then The user should be redirected to Graph Data Structure Page having page title "Graph" | PASSED | 0.031 s  |

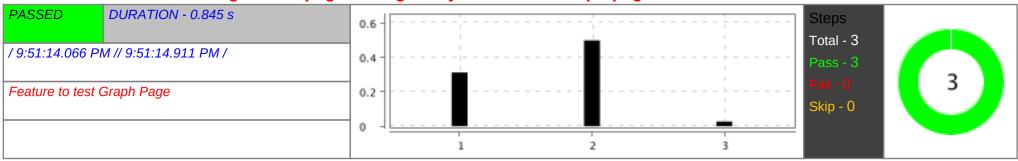
# The user is able to navigate to Graph page

DETAILED SECTION -- 47 --



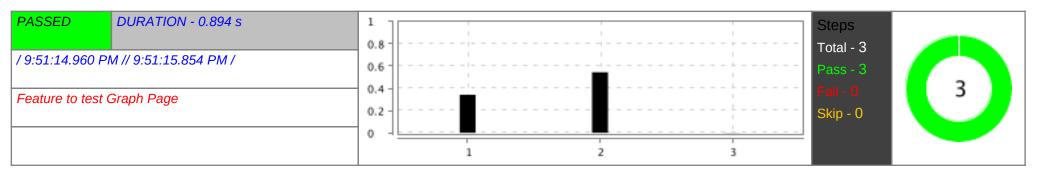
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Graph Page after logged in                                      | PASSED | 0.150 s  |
| 2 | When The user clicks Graph link on Graph page  | PASSED | 0.411 s  |
| 3 | Then The user should be redirected to Graph page in Graph page having page title "Graph" | PASSED | 0.029 s  |

### The user is able to navigate to a page having an tryEditor from Graph page



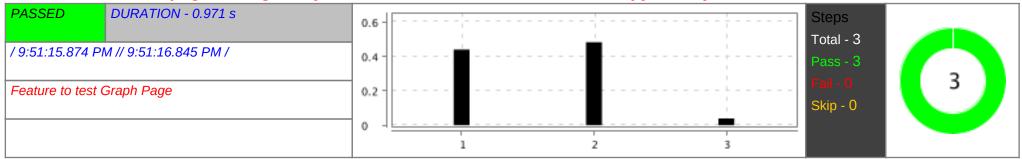
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user navigates to Graph page from Graph page                               | PASSED | 0.313 s  |
| 2 | When the user clicks on TryHere button   | PASSED | 0.499 s  |
| 3 | Then the user should be redirected to Try Editor Page having page Title "Assessment" | PASSED | 0.027 s  |

DETAILED SECTION -- 48 --



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given the user is in a page having tryEditor  | PASSED | 0.341 s  |
| 2 | When The user enter python code with invalid syntax from sheet "pythonCode" and 0       | PASSED | 0.544 s  |
| 3 | Then The user should be presented with error message "SyntaxError: bad input on line 1" | PASSED | 0.001 s  |

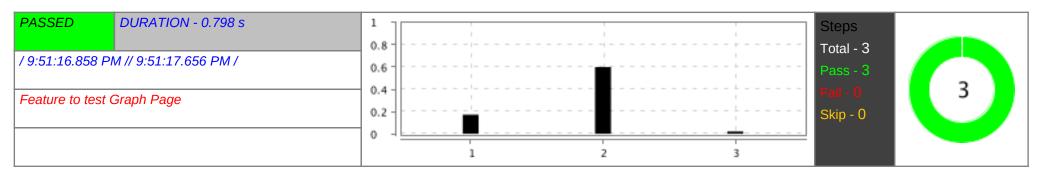
# The user is in a page having an tryEditor with a Run button to test valid python syntax



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given the user is in a page having tryEditor                                    | PASSED | 0.440 s  |
| 2 | When The user enter python code with valid syntax from sheet "pythonCode" and 1 | PASSED | 0.483 s  |
| 3 | Then The user should be presented with Run result "Hello"                       | PASSED | 0.039 s  |

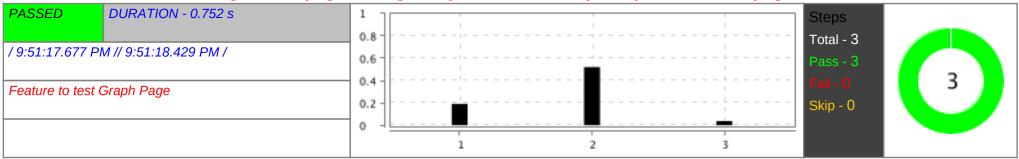
The user is able to navigate to Graph Representations link

DETAILED SECTION -- 49 --



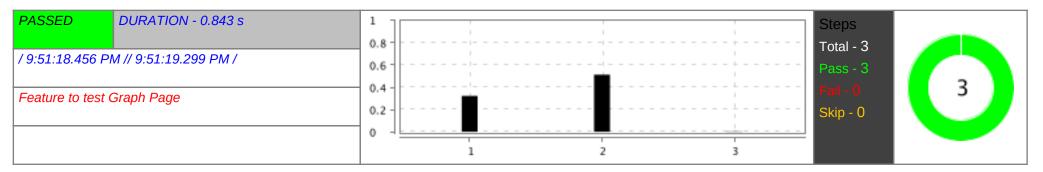
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Graph Page after logged in  | PASSED | 0.172 s  |
| 2 | When The user clicks on Graph Representations link   | PASSED | 0.599 s  |
| 3 | Then The user should be redirected to Graph Representations page having page title "Graph Representations" | PASSED | 0.020 s  |

### The user is able to navigate to a page having an tryEditor from Graph Representations page

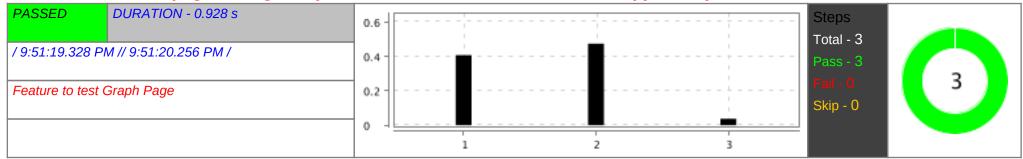


| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user navigates to Graph Representations page                               | PASSED | 0.190 s  |
| 2 | When the user clicks on TryHere button   | PASSED | 0.520 s  |
| 3 | Then the user should be redirected to Try Editor Page having page Title "Assessment" | PASSED | 0.036 s  |

DETAILED SECTION -- 50 --



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given the user is in a page having tryEditor  | PASSED | 0.322 s  |
| 2 | When The user enter python code with invalid syntax from sheet "pythonCode" and 0       | PASSED | 0.513 s  |
| 3 | Then The user should be presented with error message "SyntaxError: bad input on line 1" | PASSED | 0.003 s  |



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given the user is in a page having tryEditor                                    | PASSED | 0.408 s  |
| 2 | When The user enter python code with valid syntax from sheet "pythonCode" and 1 | PASSED | 0.475 s  |
| 3 | Then The user should be presented with Run result "Hello"                       | PASSED | 0.037 s  |