

| Feature   |          |    | Scei | nario |   |          | St | ер |   |
|---|----------|----|------|-------|---|----------|----|----|---|
| Name  | Duration | T  | P    | F     | S | <b>T</b> | P  | F  | S |
| TC01 - TC16 - Verify user access to the dsAlgo portal         | 3.216 s  | 15 | 13   | 2     | 0 | 45       | 41 | 2  | 2 |
| Testing whether user is able to Registered into dsAlgo portal | 9.495 s  | 9  | 7    | 2     | 0 | 27       | 25 | 2  | 0 |
| Testing whether user is able to login and perform actions     | 4.046 s  | 7  | 7    | 0     | 0 | 21       | 21 | 0  | 0 |

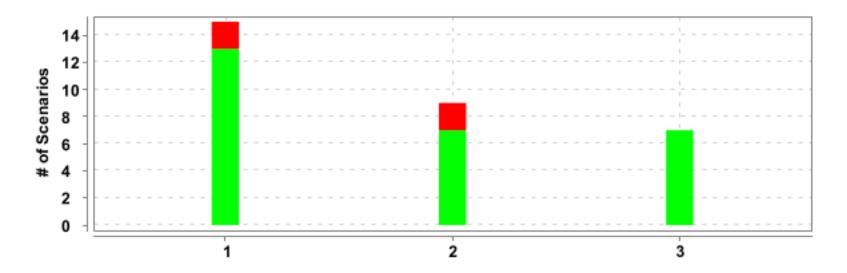
FAIL & SKIP SCENARIOS -- 3 --

| # | Feature Name  | Scenario Name  |
|---|---|--|
| 1 | TC01 - TC16 - Verify user access to the dsAlgo portal         | Verify that user is able to open the dsAlgo Portal                                     |
| 2 |   | Verify the Home page for an user without Sign in                                       |
| 3 | Testing whether user is able to Registered into dsAlgo portal | Verify that user receives error message for invalid username field during registration |
| 4 |   | Verify that user receives error message for invalid password field during registration |

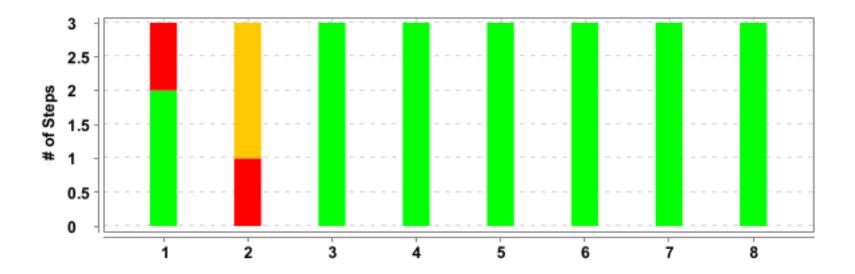
| TAG               |    | Scel | nario |   |   | Fea | ture |   |
|-------------------|----|------|-------|---|---|-----|------|---|
| Name              | Т  | P    | F     | S | Т | P   | F    | S |
| @TC01             | 1  | 0    | 1     | 0 | 1 | 0   | 1    | 0 |
| @HomeScenario     | 15 | 13   | 2     | 0 | 1 | 0   | 1    | 0 |
| @TC02             | 1  | 0    | 1     | 0 | 1 | 0   | 1    | 0 |
| @TC03             | 1  | 1    | 0     | 0 | 1 | 0   | 1    | 0 |
| @TC04             | 1  | 1    | 0     | 0 | 1 | 0   | 1    | 0 |
| @TC05             | 1  | 1    | 0     | 0 | 1 | 0   | 1    | 0 |
| @TC06             | 1  | 1    | 0     | 0 | 1 | 0   | 1    | 0 |
| @TC07             | 1  | 1    | 0     | 0 | 1 | 0   | 1    | 0 |
| @TC08             | 1  | 1    | 0     | 0 | 1 | 0   | 1    | 0 |
| @TC09             | 1  | 1    | 0     | 0 | 1 | 0   | 1    | 0 |
| @TC10             | 1  | 1    | 0     | 0 | 1 | 0   | 1    | 0 |
| @TC11             | 1  | 1    | 0     | 0 | 1 | 0   | 1    | 0 |
| @TC12             | 1  | 1    | 0     | 0 | 1 | 0   | 1    | 0 |
| @TC13             | 1  | 1    | 0     | 0 | 1 | 0   | 1    | 0 |
| @TC14             | 1  | 1    | 0     | 0 | 1 | 0   | 1    | 0 |
| @TC15             | 1  | 1    | 0     | 0 | 1 | 0   | 1    | 0 |
| @registerScenario | 9  | 7    | 2     | 0 | 1 | 0   | 1    | 0 |

| TAG           |   | Scei | nario |   |   | Fea | ture |   |
|---------------|---|------|-------|---|---|-----|------|---|
| Name          | T | P    | F     | S | T | P   | F    | S |
| @TC17         | 1 | 1    | 0     | 0 | 1 | 0   | 1    | 0 |
| @TC18         | 1 | 1    | 0     | 0 | 1 | 0   | 1    | 0 |
| @TC19         | 1 | 1    | 0     | 0 | 1 | 0   | 1    | 0 |
| @TC20         | 1 | 1    | 0     | 0 | 1 | 0   | 1    | 0 |
| @TC21         | 1 | 0    | 1     | 0 | 1 | 0   | 1    | 0 |
| @TC22         | 1 | 0    | 1     | 0 | 1 | 0   | 1    | 0 |
| @TC23         | 1 | 1    | 0     | 0 | 1 | 0   | 1    | 0 |
| @TC24         | 1 | 1    | 0     | 0 | 1 | 0   | 1    | 0 |
| @TC25         | 1 | 1    | 0     | 0 | 1 | 0   | 1    | 0 |
| @Loginfeature | 7 | 7    | 0     | 0 | 1 | 1   | 0    | 0 |
| @TC26         | 1 | 1    | 0     | 0 | 1 | 1   | 0    | 0 |
| @TC27         | 1 | 1    | 0     | 0 | 1 | 1   | 0    | 0 |
| @TC28         | 1 | 1    | 0     | 0 | 1 | 1   | 0    | 0 |
| @TC29         | 1 | 1    | 0     | 0 | 1 | 1   | 0    | 0 |
| @TC30         | 1 | 1    | 0     | 0 | 1 | 1   | 0    | 0 |
| @TC31         | 1 | 1    | 0     | 0 | 1 | 1   | 0    | 0 |
| @TC32         | 1 | 1    | 0     | 0 | 1 | 1   | 0    | 0 |

FEATURES SUMMARY -- 6 -



| # | Feature Name  | T  | P  | F | S | Duration |
|---|---|----|----|---|---|----------|
| 1 | TC01 - TC16 - Verify user access to the dsAlgo portal         | 15 | 13 | 2 | 0 | 3.216 s  |
| 2 | Testing whether user is able to Registered into dsAlgo portal | 9  | 7  | 2 | 0 | 9.495 s  |
| 3 | Testing whether user is able to login and perform actions     | 7  | 7  | 0 | 0 | 4.046 s  |

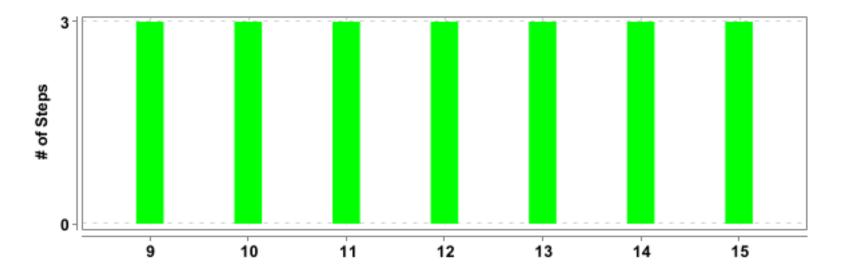


| # | Feature Name  | Scenario Name  | T | P | F | S | Duration |
|---|---|--|---|---|---|---|----------|
| 1 | TC01 - TC16 - Verify user access to the dsAlgo portal | Verify that user is able to open the dsAlgo Portal   | 3 | 2 | 1 | 0 | 1.531 s  |
| 2 |   | Verify the Home page for an user without Sign in   | 3 | 0 | 1 | 2 | 0.247 s  |
| 3 |   | Verify that user is able to view options for "Data Structures" dropdown on home page without Sign in           | 3 | 3 | 0 | 0 | 0.278 s  |
| 4 |   | Verify that user able to see warning message while selecting "Arrays" from the drop down without Sign in.      | 3 | 3 | 0 | 0 | 0.416 s  |
| 5 |   | Verify that user able to see warning message while selecting "Linked List" from the drop down without Sign in. | 3 | 3 | 0 | 0 | 0.052 s  |
| 6 |   | Verify that user able to see warning message while selecting "Stack" from the drop down without Sign in.       | 3 | 3 | 0 | 0 | 0.082 s  |
| 7 |   | Verify that user able to see warning message while selecting "Queue" from the drop down without Sign in.       | 3 | 3 | 0 | 0 | 0.047 s  |

<sup>\*</sup> 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 |
|---|--------------|--|---|---|---|---|----------|
| 8 |              | Verify that user able to see warning message while selecting | 3 | 3 | 0 | 0 | 0.042 s  |
|   |              | "Tree" from the drop down without Sign in.                   |   |   |   |   |          |

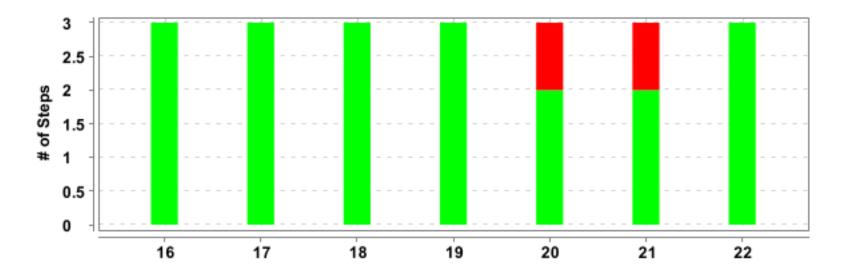
SCENARIOS SUMMARY -- 9 --



| #  | Feature Name  | Scenario Name  | T | P | F | S | Duration |
|----|---|--|---|---|---|---|----------|
| 9  | TC01 - TC16 - Verify user access to the dsAlgo portal | Verify that user able to see warning message on clicking  "Get Started" buttons of "Data Structures-Introduction" on * | 3 | 3 | 0 | 0 | 0.057 s  |
| 10 |   | Verify that user able to see warning message on clicking "Get Started" buttons of "Array" on the home page without *   | 3 | 3 | 0 | 0 | 0.049 s  |
| 11 |   | Verify that user able to see warning message on clicking "Get Started" buttons of "Linked List" on the home page *     | 3 | 3 | 0 | 0 | 0.044 s  |
| 12 |   | Verify that user able to see warning message on clicking  "Get Started" buttons of "Stack" on the home page without *  | 3 | 3 | 0 | 0 | 0.035 s  |
| 13 |   | Verify that user able to see warning message on clicking "Get Started" buttons of "Queue" on the home page without *   | 3 | 3 | 0 | 0 | 0.040 s  |
| 14 |   | Verify that user able to see warning message on clicking  "Get Started" buttons of "Tree" on the home page without *   | 3 | 3 | 0 | 0 | 0.046 s  |
| 15 |   | Verify that user able to see warning message on clicking  "Get Started" buttons of "Graph" on the home page without *  | 3 | 3 | 0 | 0 | 0.042 s  |

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

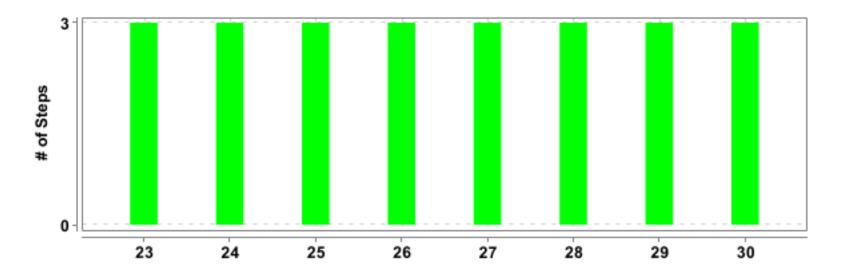
SCENARIOS SUMMARY -- 10 --



| #  | Feature Name  | Scenario Name  | T | P | F | S | Duration |
|----|---|--|---|---|---|---|----------|
| 16 | Testing whether user is able to Registered into dsAlgo portal | Verify that user is able to land on Register Page  | 3 | 3 | 0 | 0 | 0.428 s  |
| 17 |   | Verify that user receives error message for all empty fields during registration                         | 3 | 3 | 0 | 0 | 0.189 s  |
| 18 |   | Verify that user receives error message for empty Password field during registration                     | 3 | 3 | 0 | 0 | 1.515 s  |
| 19 |   | Verify that user receives error message for empty Password  Confirmation field during registration       | 3 | 3 | 0 | 0 | 0.508 s  |
| 20 |   | Verify that user receives error message for invalid username field during registration                   | 3 | 2 | 1 | 0 | 1.735 s  |
| 21 |   | Verify that user receives error message for invalid password field during registration                   | 3 | 2 | 1 | 0 | 1.647 s  |
| 22 |   | Verify that user receives error message for mismatched Password and Password Confirmation field during * | 3 | 3 | 0 | 0 | 0.654 s  |

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

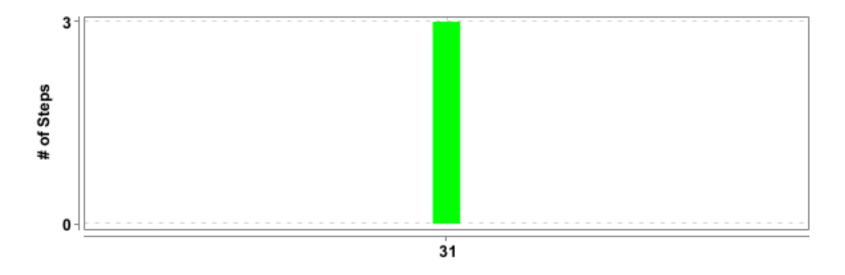
SCENARIOS SUMMARY -- 11 --



| #  | Feature Name  | Scenario Name   | T | P | F | S | Duration |
|----|---|---|---|---|---|---|----------|
| 23 | Testing whether user is able to Registered into dsAlgo portal | Verify that user is able to land on Homepage after registration with valid fields | 3 | 3 | 0 | 0 | 2.030 s  |
| 24 |   | Verify that user is able to land in login page                                    | 3 | 3 | 0 | 0 | 0.644 s  |
| 25 | Testing whether user is able to login and perform actions     | Verify that user is able to land on Login Page                                    | 3 | 3 | 0 | 0 | 0.510 s  |
| 26 |   | Verify that user receives error message for all empty fields during Login         | 3 | 3 | 0 | 0 | 0.383 s  |
| 27 |   | Verify that user receives error message for empty Password field during Login     | 3 | 3 | 0 | 0 | 0.455 s  |
| 28 |   | Verify that user receives error message for empty Username field during Login     | 3 | 3 | 0 | 0 | 0.646 s  |
| 29 |   | Verify that user receives error message for invalid  Username field during Login  | 3 | 3 | 0 | 0 | 0.732 s  |

| #  | Feature Name | Scenario Name   | T | P | F | S | Duration |
|----|--------------|---|---|---|---|---|----------|
| 30 |              | Verify that user able to land on Home page after entering | 3 | 3 | 0 | 0 | 1.182 s  |
|    |              | valid Username and Password fields                        |   |   |   |   |          |

SCENARIOS SUMMARY -- 13 --



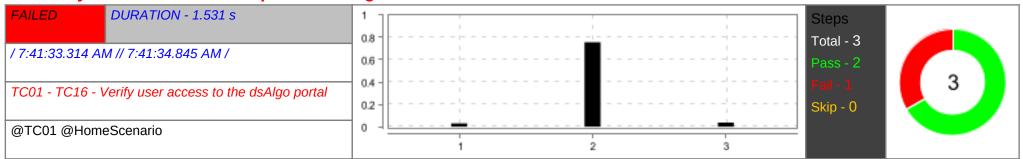
| #  | Feature Name  | Scenario Name                                  | T | P | F | S | Duration |
|----|---|--|---|---|---|---|----------|
| 31 | Testing whether user is able to login and perform actions | Verify that user able to sign out successfully | 3 | 3 | 0 | 0 | 0.037 s  |

DETAILED SECTION -- 14 --

# TC01 - TC16 - Verify user access to the dsAlgo portal

| FAILED              | DURATION - 3.216 s | Scenarios  |    | Steps      |    |
|---------------------|--------------------|------------|----|------------|----|
|                     |                    | Total - 15 |    | Total - 45 |    |
| / 7:41:33.310 AM // | 7:41:36.526 AM /   | Pass - 13  | 15 | Pass - 41  | 45 |
|                     |                    | Fail - 2   | 10 | Fail - 2   | 40 |
|                     |                    | Skip - 0   |    | Skip - 2   |    |
|                     |                    |            |    |            |    |

# Verify that user is able to open the dsAlgo Portal

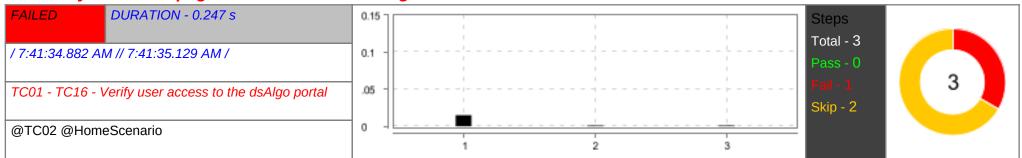


| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user has browser open  | PASSED | 0.030 s  |
| 2 | When The user enter correct dsAlgo portal URL  | PASSED | 0.757 s  |
| 3 | Then The user should be able to land on dsAlgo portal with Get Started button  | FAILED | 0.036 s  |
|   | java.lang.AssertionError: expected [https://dsportalapp.herokuapp.com/] but found [https://dsportalapp.herokuapp.com/home] at org.testng.Assert.fail(Assert.java:111) at org.testng.Assert.fail(NotEquals(Assert.java:1590) at org.testng.Assert.assertEquals(Massert.java:150) at org.testng.Assert.assertEquals(Assert.java:132) at org.testng.Assert.assertEquals(Assert.java:656) at org.testng.Assert.assertEquals(Assert.java:666) at org.testng.Assert.assertEquals(Assert.java:666) at org.testng.asserts.Assertion.station.java:186) at org.testng.asserts.Assertion.executeAssert(Assertion.java:25) at org.testng.asserts.Assertion.doAssert(Assertion.java:12) at org.testng.asserts.Assertion.assertEquals(Assertion.java:182) at dsAlgo_stepDefinition.Home_SD.the_user_should_be_able_to_land_on_ds_algo_portal_with_get_started_button(Home_SD.java:35) at ?.The user should be able to land on dsAlgo portal with Get Started button(file:///C:/DSALgo_ProjectCompass_BDD/src/test/resources/dsAlgo_FeatureFiles/MD01_Home.feature:7) * Not displayable characters are replaced by '?'. |        |          |

DETAILED SECTION -- 15 --

|   |  |  |  |  | Step  | Hook Details | Status | Duration |  |
|---|--|--|--|--|---|--------------|--------|----------|--|
| AFTER_  | FTER_STEP - dsAlgo_stepDefinition.hooks.afterstep(io.cucumber.java.Scenario)   |  |  |  |   |              |        |          |  |
| My screen   | y screenshot   |  |  |  |   |              |        |          |  |
| screensho   | reenshot   |  |  |  |   |              |        |          |  |
| Managhinja trastrumum   |  | Augino Signio  | NampyNinja : this Southern   |  | Region Signis   |              | 1      |          |  |
| Oats Structures-Introduction  Advisor-Institute in any to story expense, and manage intermedically design or exact that allows by programmer to easily around or modify the values in them. | Actory Annousy data shouthers or simply an array has defeat disordors combining of a sollection of informative balance or solublest, such informities they are least one amy index or lay.   | Unload Use: If each our Wegenet intentions and deletions, away may make as a paid deter. There is notion date stockers admitted ball to the Deletion of a stockers and the Deletion of the Company of the Company of codes which the terminal of proper of codes which temperature asseptions or a law.  | Gata Structures-Introduction  Adias-Interioris, a my is time repetite, and manage information/or displice a varying advancing programmer to maily around or modify the related in them.  | Acting  Annual plate insulation or simply an array in a data disordant containing of a collection of elements further or articles, and identified by an insulation are any leaken or bay.  | Unlead U.E.  From have frequent intentions, and deletions, arraps may not her a paid division. Therein, areafore date structure safeth-lobed last Livine in the values resolutes the continue of a group of continues that the species was present a susquences or a list.  |              |        |          |  |
| Ced Started  Made  Five coad to reparks some data like a root, at that we will  Get by Toda for Ne log-0 the pox X first, between twe bill  data through                                    | Cut Stated  Quality  August is alread that otherwise and component is free fire. It is execution Should be executed to be obtained and quadratural and otherwise and other | Carl Started  Table  Ta | Cert Starbol  Tlack  Trace could be improved some data like a produce that will be comed to improve some data like a produce that all the country of the cou | Cel Stated  Quality  Agency is a financiate structure used on-special a fines first. It is serviced by the serviced to be deviced and qualified as element to be performed at the state of and qualified as element to be performed at the state and | Get 50s tod  Sine  The got of non-linear arrangement-where a mode is attached the type of non-linear arrangement-where a mode is attached to love a more under develop behavior it is a specifying and in some control of the property of the property of the souther diverse and off the control of the property of the souther diverse and one of the control of the control souther diverse and one of the control of the control and now one and one of the control of the control and now one and one of the control of the control and now one and one of the control of the control and now one and one of the control of the control and now one and one of the control of the control and now one and one of the control and now one of the control and |              |        |          |  |
| Cod Started   | Cel Stated   | Coll Started   | Cel Stated   | Cel Started  | Cel Started   |              |        |          |  |

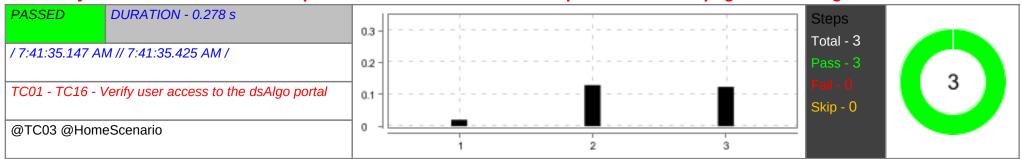
# Verify the Home page for an user without Sign in



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the DS Algo Portal   | FAILED | 0.015 s  |
|   | java.lang.AssertionError: expected [https://dsportalapp.herokuapp.com/] but found [https://dsportalapp.herokuapp.com/home]    |        |          |
|   | at org.testng.Assert.fail(Assert.java:111)  |        |          |
|   | at org.testng.Assert.failNotEquals(Assert.java:1590)  |        |          |
|   | at org.testng.Assert.assertEqualsImpl(Assert.java:150)  |        |          |
|   | at org.testng.Assert.assertEquals(Assert.java:132)  |        |          |
|   | at org.testng.Assert.assertEquals(Assert.java:656)  |        |          |
|   | at org.testng.Assert.assertEquals(Assert.java:666)  |        |          |
|   | at org.testng.asserts.Assertion\$11.doAssert(Assertion.java:186)  |        |          |
|   | at org.testng.asserts.Assertion.executeAssert(Assertion.java:25)  |        |          |
|   | at org.testng.asserts.Assertion.doAssert(Assertion.java:12)   |        |          |
|   | at org.testng.asserts.Assertion.assertEquals(Assertion.java:182)  |        |          |
|   | at dsAlgo_stepDefinition.Home_SD.the_user_is_on_the_ds_algo_portal(Home_SD.java:44)   |        |          |
|   | at ?.The user is on the DS Algo Portal(file:///C:/DSALgo_ProjectCompass_BDD/src/test/resources/dsAlgo_FeatureFiles/MD01_Home. |        |          |
|   | feature:10)   |        |          |
|   | * Not displayable characters are replaced by '?'.   |        |          |
|   | AFTER_STEP - dsAlgo_stepDefinition.hooks.afterstep(io.cucumber.java.Scenario)   | PASSED | 0.222 s  |

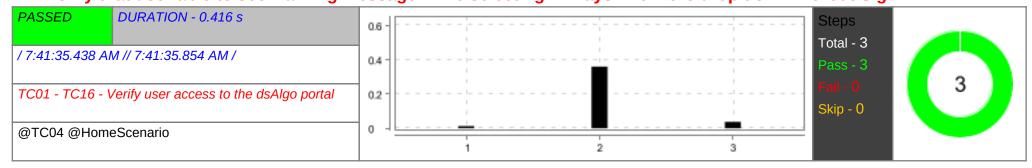
| # |   |   |   |   |  | Step   | Hook Details  | Status  | Duration |
|---|---|---|---|---|--|--|---|---------|----------|
|   | My screens  | hot   |   |   |  |  |   |         |          |
|   | screenshot  |   |   |   |  |  |   |         |          |
|   | Manaphinja (instrument  |   | Regime Signin   | Nampylinja (instrument  |  | Augino Signio  |   |         |          |
|   | Gale Strectures infroduction  Action-business a way to store, organize, and manage informationise distinct a way that actions the programmes to make a summer or modify the advance in these. | Jamey  Avantay data obsolutes, or simply an array in a data disclutes consisting of a subsolute of wherein balance or resident, each identified by at least one amy index or key.   | United Unit. If we have thingoed intertions and deletions, arrays may not be a year division. There is another data describes substitutional. Unit, Linked last is validate souther that contributed a group of notion which together sepreme a response or a list.   | Geta Stredams Introduction Adtacharters in edg to stoke organia, and manage information and other and other day programme to make a sense or modify the relax in them.  | Among Analog distributions or comply an among to a distribution<br>controlling of a softention of whereasts before or anticlated,<br>and identified by at last one among trades or key.  | Under Unit  If whose this point is entire and destroy, any may not be a year think. There is written data should be sufficiently  Unit. Linked bit is waiter should be sandown as your of notice which largetime argument a company or a lat.  |   |         |          |
|   | Earl Marked  SMO  Encount is cognitive some olds like a dails, to that one off lider and flower are the tops of the dails dail, decount have Shall indicate.                                  | Control  A region is a failure dide shinker worklow-speciment a liven bit.  A region is a failure dide shinker worklow-speciment a liven bit is follow-live information of an element in the relate and several failure didention of an element to be performed of the others and | Tark Backed  Tage  Tage part one from exempressed where a realth a shinked leaver as more solds about part of the form of the part of the form of the | Cert Tale Incid  58x6.  If recorded in organize assembles that a data, to that are self-<br>idential these and fire layed the data field, there exhaus these and field the state of the search of the sea | Cell State Seed.  Queena: A paper is a freeze date obsolute reportative reportant in from the first advantagement in them the advantagement in form the section of the section of the resource of an advantagement of the preference of the selection of an electron of the preference of the selection of an electron of the preference of the selection of an electron of the selection of | Cost Started  The great from from a compressed where a reside is situated where a reside is situated where a reside is situated to the cost of the cos |   |         |          |
|   | Get Started   | Get Started   | Get Started   | Cet Started   | Ge Swied   | Celt Started   |   |         |          |
| 2 | When The  | e user cli  | cks the "Ge   | t Started" b  | utton  |  |   | SKIPPED | 0.001 s  |
| 3 | Then The  | user sho  | ould be navi  | gated to the  | e Data St  | ructure In   | troduction page, which displays the "Register" and "Sign in" links. | SKIPPED | 0.001 s  |

# Verify that user is able to view options for "Data Structures" dropdown on home page without Sign in



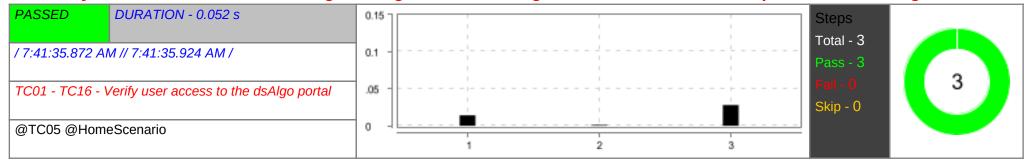
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the Home page  | PASSED | 0.020 s  |
| 2 | When The user clicks the Data Structures dropdown   | PASSED | 0.129 s  |
| 3 | Then The user should able to see 6 options "Arrays,Linked List,Stack,Queue,Tree,Graph" in dropdown menu | PASSED | 0.123 s  |

# Verify that user able to see warning message while selecting "Arrays" from the drop down without Sign in.



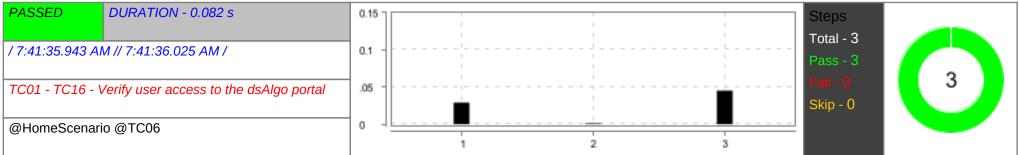
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the Home page  | PASSED | 0.012 s  |
| 2 | When The user selects "Arrays" from the drop down without Sign in.          | PASSED | 0.360 s  |
| 3 | Then The user should able to see an warning message "You are not logged in" | PASSED | 0.037 s  |

#### Verify that user able to see warning message while selecting "Linked List" from the drop down without Sign in.



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the Home page  | PASSED | 0.014 s  |
| 2 | When The user selects "Linked List" from the drop down without Sign in.     | PASSED | 0.001 s  |
| 3 | Then The user should able to see an warning message "You are not logged in" | PASSED | 0.028 s  |

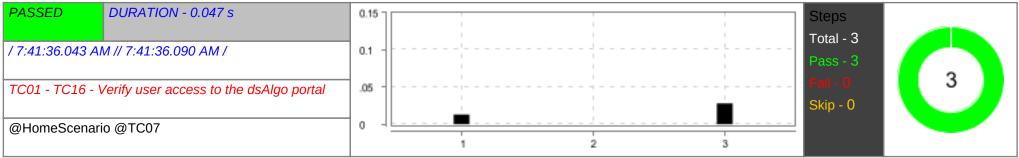
# Verify that user able to see warning message while selecting "Stack" from the drop down without Sign in.



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the Home page  | PASSED | 0.029 s  |
| 2 | When The user selects "Stack" from the drop down without Sign in.           | PASSED | 0.001 s  |
| 3 | Then The user should able to see an warning message "You are not logged in" | PASSED | 0.045 s  |

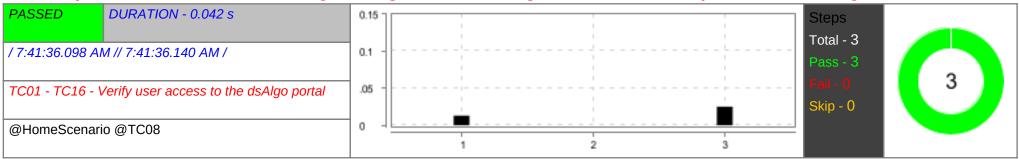
DETAILED SECTION -- 18 --

# Verify that user able to see warning message while selecting "Queue" from the drop down without Sign in.



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the Home page  | PASSED | 0.013 s  |
| 2 | When The user selects "Queue" from the drop down without Sign in.           | PASSED | 0.000 s  |
| 3 | Then The user should able to see an warning message "You are not logged in" | PASSED | 0.028 s  |

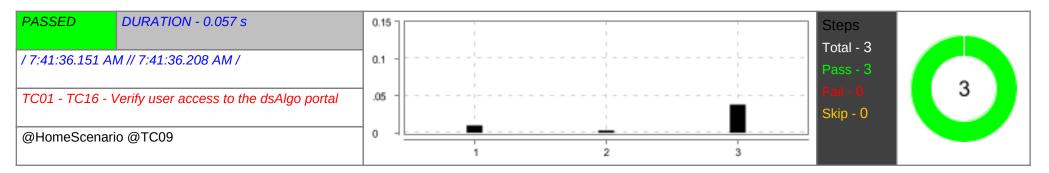
#### Verify that user able to see warning message while selecting "Tree" from the drop down without Sign in.



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the Home page  | PASSED | 0.013 s  |
| 2 | When The user selects "Tree" from the drop down without Sign in.            | PASSED | 0.000 s  |
| 3 | Then The user should able to see an warning message "You are not logged in" | PASSED | 0.025 s  |

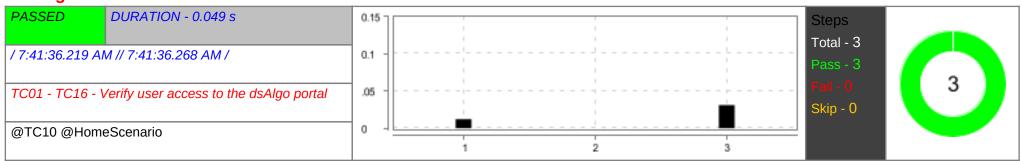
Verify that user able to see warning message on clicking "Get Started" buttons of "Data Structures-Introduction" on the home page without Sign in

DETAILED SECTION -- 19 --



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Home page   | PASSED | 0.010 s  |
| 2 | When The user clicks "Get Started" buttons of "Data Structures-Introduction" on the homepage without Sign in | PASSED | 0.003 s  |
| 3 | Then The user should able to see an warning message "You are not logged in"                                  | PASSED | 0.038 s  |

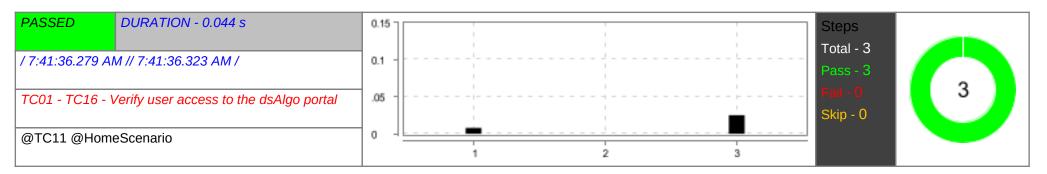
Verify that user able to see warning message on clicking "Get Started" buttons of "Array" on the home page without Sign in



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the Home page  | PASSED | 0.012 s  |
| 2 | When The user clicks "Get Started" buttons of "Array" on the homepage without Sign in | PASSED | 0.000 s  |
| 3 | Then The user should able to see an warning message "You are not logged in"           | PASSED | 0.031 s  |

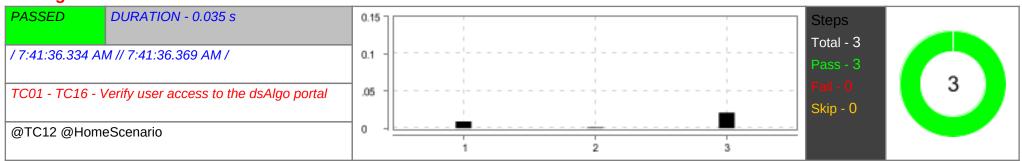
Verify that user able to see warning message on clicking "Get Started" buttons of "Linked List" on the home page without Sign in

DETAILED SECTION -- 20 --



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the Home page  | PASSED | 0.008 s  |
| 2 | When The user clicks "Get Started" buttons of "Linked List" on the homepage without Sign in | PASSED | 0.000 s  |
| 3 | Then The user should able to see an warning message "You are not logged in"                 | PASSED | 0.025 s  |

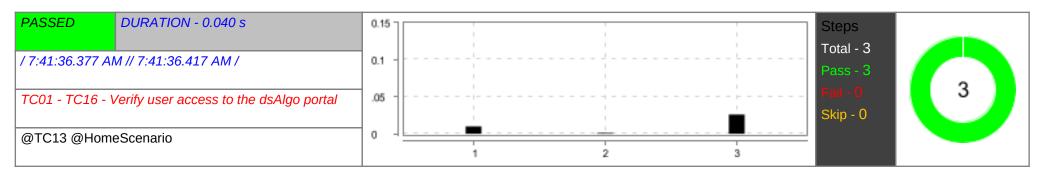
Verify that user able to see warning message on clicking "Get Started" buttons of "Stack" on the home page without Sign in



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the Home page  | PASSED | 0.009 s  |
| 2 | When The user clicks "Get Started" buttons of "Stack" on the homepage without Sign in | PASSED | 0.001 s  |
| 3 | Then The user should able to see an warning message "You are not logged in"           | PASSED | 0.021 s  |

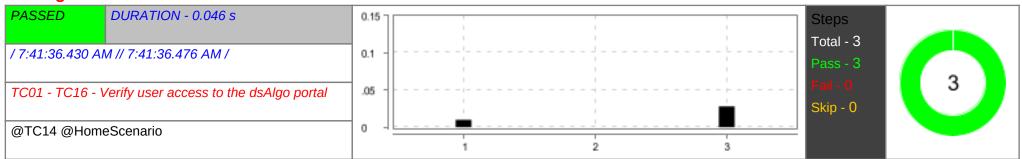
Verify that user able to see warning message on clicking "Get Started" buttons of "Queue" on the home page without Sign in

DETAILED SECTION -- 21 --



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the Home page  | PASSED | 0.010 s  |
| 2 | When The user clicks "Get Started" buttons of "Queue" on the homepage without Sign in | PASSED | 0.001 s  |
| 3 | Then The user should able to see an warning message "You are not logged in"           | PASSED | 0.026 s  |

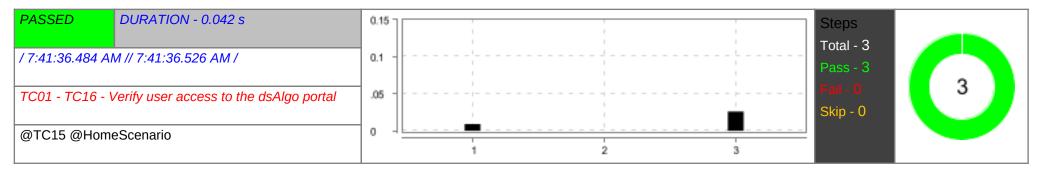
Verify that user able to see warning message on clicking "Get Started" buttons of "Tree" on the home page without Sign in



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Home page   | PASSED | 0.010 s  |
| 2 | When The user clicks "Get Started" buttons of "Tree" on the homepage without Sign in | PASSED | 0.000 s  |
| 3 | Then The user should able to see an warning message "You are not logged in"          | PASSED | 0.028 s  |

Verify that user able to see warning message on clicking "Get Started" buttons of "Graph" on the home page without Sign in

DETAILED SECTION -- 22 --

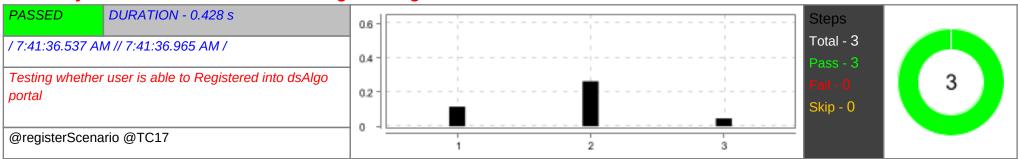


| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the Home page  | PASSED | 0.009 s  |
| 2 | When The user clicks "Get Started" buttons of "Graph" on the homepage without Sign in | PASSED | 0.000 s  |
| 3 | Then The user should able to see an warning message "You are not logged in"           | PASSED | 0.026 s  |

# Testing whether user is able to Registered into dsAlgo portal

| FAILED          | DURATION - 9.495 s    | Scenarios |       | Steps                                 |    |
|-----------------|-----------------------|-----------|-------|---------------------------------------|----|
|                 |                       | Total - 9 |       | Total - 27                            |    |
| / 7:41:36.537 A | M // 7:41:46.032 AM / | Pass - 7  | 9     | Pass - 25                             | 27 |
|                 |                       | Fail - 2  | J. J. | Fail - 2                              | 21 |
|                 |                       | Skip - 0  |       | Skip - 0                              |    |
|                 |                       |           |       | -   -   -   -   -   -   -   -   -   - |    |

#### Verify that user is able to land on Register Page

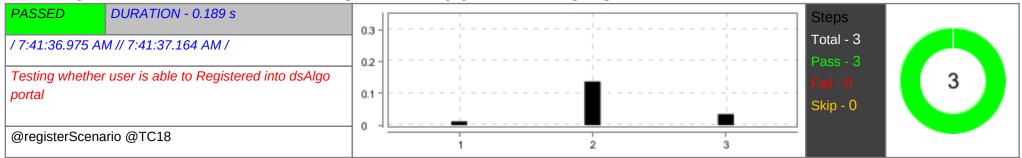


| # | Step / Hook Details                                   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the home page                    | PASSED | 0.114 s  |
| 2 | When The user clicks "Register" link on the Home page | PASSED | 0.263 s  |

DETAILED SECTION -- 23 --

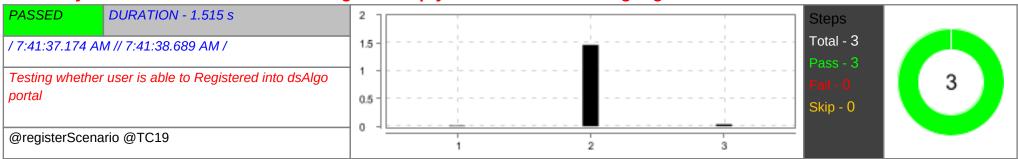
| # | Step / Hook Details                                 | Status | Duration |
|---|---|--------|----------|
| 3 | Then The user should be redirected to Register form | PASSED | 0.046 s  |

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



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the user registration page                             | PASSED | 0.012 s  |
| 2 | When The user clicks Register button with all fields empty                  | PASSED | 0.137 s  |
| 3 | Then The error "Please fill out this field." appears below Username textbox | PASSED | 0.035 s  |

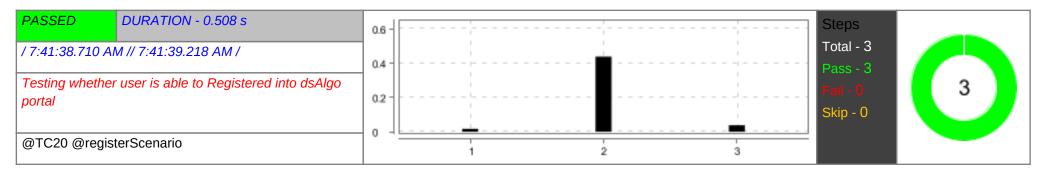
#### Verify that user receives error message for empty Password field during registration



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the user registration page                                      | PASSED | 0.011 s  |
| 2 | When The user clicks Register button after entering Username with other fields empty | PASSED | 1.464 s  |
| 3 | Then The error message "Please fill out this field." appears below Password textbox  | PASSED | 0.034 s  |

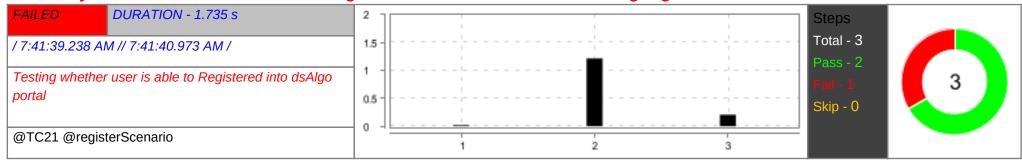
Verify that user receives error message for empty Password Confirmation field during registration

**DETAILED SECTION** -- 24 --



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the user registration page  | PASSED | 0.017 s  |
| 2 | When The user clicks Register button after entering Password and Username with Password Confirmation empty | PASSED | 0.439 s  |
| 3 | Then The error message "Please fill out this field." appears below Password Confirmation textbox           | PASSED | 0.038 s  |

# Verify that user receives error message for invalid username field during registration



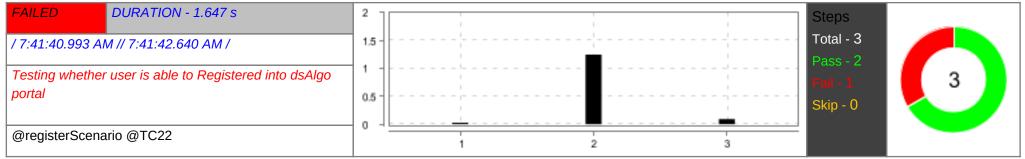
| 3 | 3 |  |
|---|---|--|
|   |   |  |

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the user registration page   | PASSED | 0.018 s  |
| 2 | When The user clicks Register button after entering a username with spacebar characters other than digits and Special   | PASSED | 1.213 s  |
|   | Characters  |        |          |
| 3 | Then The user is not able to see error msg after entering invalid data  | FAILED | 0.205 s  |
|   | java.lang.AssertionError: expected [Invalid username] but found [password_mismatch:The two password fields didn't match.] at org.testng.Assert.fail(Assert.java:111) at org.testng.Assert.failNotEquals(Assert.java:1590) at org.testng.Assert.assertEqualsImpl(Assert.java:150) at org.testng.Assert.assertEquals(Assert.java:132) at org.testng.Assert.assertEquals(Assert.java:656) at org.testng.Assert.assertEquals(Assert.java:666) |        |          |

DETAILED SECTION -- 25 --

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
|   | at org.testng.asserts.Assertion\$11.doAssert(Assertion.java:186) at org.testng.asserts.Assertion.executeAssert(Assertion.java:25) at org.testng.asserts.Assertion.doAssert(Assertion.java:12) at org.testng.asserts.Assertion.assertEquals(Assertion.java:182) at dsAlgo_stepDefinition.Register_SD.the_user_is_not_able_to_see_error_msg_after_entering_invalid_data(Register_SD.java:109) at ?.The user is not able to see error msg after entering invalid data(file:///C:/DSALgo_ProjectCompass_BDD/src/test/resources/ dsAlgo_FeatureFiles/MD02_Register.feature:37) * Not displayable characters are replaced by '?'.  |        |          |
|   | AFTER_STEP - dsAlgo_stepDefinition.hooks.afterstep(io.cucumber.java.Scenario)  My screenshot screenshot  | PASSED | 0.287 s  |
|   | Surging in the control of the contro |        |          |

# Verify that user receives error message for invalid password field during registration

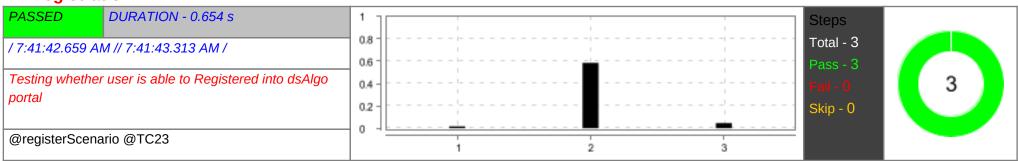


| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the user registration page  | PASSED | 0.027 s  |
| 2 | When The user clicks Register button after entering a password with numeric data   | PASSED | 1.245 s  |
| 3 | Then The user is not able to see error msg after entering invalid password   | FAILED | 0.092 s  |
|   | java.lang.AssertionError: expected [Invalid password] but found [password_mismatch:The two password fields didn't match.] at org.testng.Assert.fail(Assert.java:111) at org.testng.Assert.failNotEquals(Assert.java:1590) at org.testng.Assert.assertEqualsImpl(Assert.java:150) at org.testng.Assert.assertEquals(Assert.java:132) at org.testng.Assert.assertEquals(Assert.java:656) |        |          |

DETAILED SECTION -- 26 --

| # Step / Hook Details  | Status  | Duration |
|--|---------|----------|
| at org.testng.Assert.assertEquals(Assert.java:666)   |         |          |
| at org.testng.asserts.Assertion\$11.doAssert(Assertion.java:186)   |         |          |
| at org.testng.asserts.Assertion.executeAssert(Assertion.java:25)   |         |          |
| at org.testng.asserts.Assertion.doAssert(Assertion.java:12)  |         |          |
| at org.testng.asserts.Assertion.assertEquals(Assertion.java:182)   |         |          |
| at dsAlgo_stepDefinition.Register_SD.the_user_is_not_able_to_see_error_msg_after_entering_invalid_password(Register_SD.ja  | va:129) |          |
| at ?.The user is not able to see error msg after entering invalid password(file:///C:/DSALgo_ProjectCompass_BDD/src/test/resource  | ces/    |          |
| dsAlgo_FeatureFiles/MD02_Register.feature:44)  |         |          |
| * Not displayable characters are replaced by '?'.  |         |          |
| AFTER_STEP - dsAlgo_stepDefinition.hooks.afterstep(io.cucumber.java.Scenario)  | PASSED  | 0.274 s  |
| My screenshot  |         |          |
| screenshot   |         |          |
| Barging releases April 1997 April |         |          |
| Specific Distriction on the section (a) of part of 10 cm (a) section (a) specific (cm) a frame (a) specific (cm) a spe |         |          |
| Home connection for the connection of the connec |         |          |
|  |         |          |
|  |         |          |

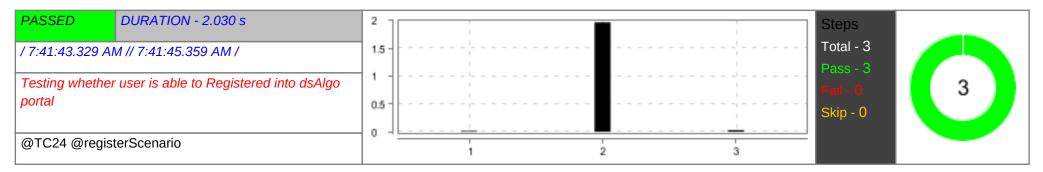
# Verify that user receives error message for mismatched Password and Password Confirmation field during registration



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the user registration page  | PASSED | 0.016 s  |
| 2 | When The user clicks Register button after entering different passwords in Password and Password Confirmation fields   | PASSED | 0.585 s  |
| 3 | Then The user should able to see an password warning message "password_mismatch:The two password fields didn't match." | PASSED | 0.046 s  |

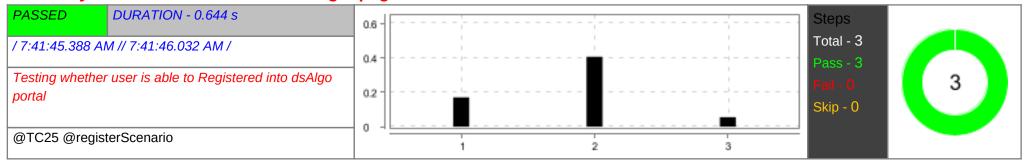
Verify that user is able to land on Homepage after registration with valid fields

DETAILED SECTION -- 27 --



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the user registration page  | PASSED | 0.016 s  |
| 2 | When The user clicks Register button after entering with valid username, password and password confirmation in related textboxes |        | 1.967 s  |
| 3 | Then The user should be redirected to Home Page of DS Algo with message "New Account Created. You are logged in as <id>"</id>    | PASSED | 0.030 s  |

#### Verify that user is able to land in login page



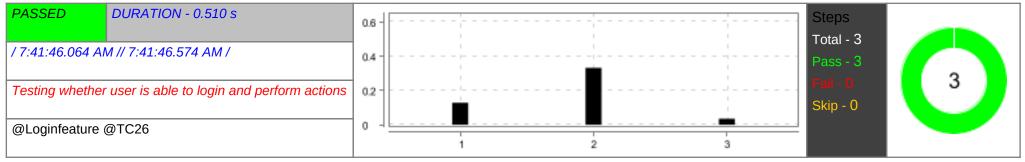
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the home page  | PASSED | 0.171 s  |
| 2 | When The user clicks "Sign out" Sign out link on the Home page  | PASSED | 0.407 s  |
| 3 | Then The user should be redirected to home page with message "Logged out successfully"Logged out successfully | PASSED | 0.055 s  |

# Testing whether user is able to login and perform actions

DETAILED SECTION -- 28 --

| Scenarios |                             | Steps                       |  |
|-----------|-----------------------------|-----------------------------|--|
| Total - 7 |                             | Total - 21                  |  |
| Pass - 7  | 7                           | Pass - 21                   | 21   |
| Fail - 0  |                             | Fail - 0                    | 21   |
| Skip - 0  |                             | Skip - 0                    |  |
|           | Total - 7 Pass - 7 Fail - 0 | Total - 7 Pass - 7 Fail - 0 | Total - 7 Pass - 7 Fail - 0  Total - 21 Pass - 21 Fail - 0 |

# Verify that user is able to land on Login Page



| # | Step / Hook Details                                | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the DS Algo Home Page         | PASSED | 0.129 s  |
| 2 | When The user should click the Sign in link        | PASSED | 0.333 s  |
| 3 | Then The user should be redirected to Sign in page | PASSED | 0.035 s  |

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

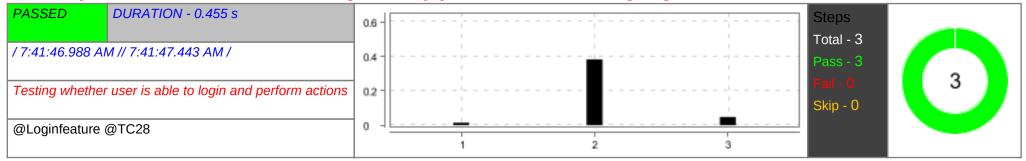
| PASSED  | DURATION - 0.383 s    | 0.6 - |       | Steps                 |   |
|---|-----------------------|-------|-------|-----------------------|---|
| / 7:41:46.591 AI  | M // 7:41:46.974 AM / | 0.4 - |       | Total - 3<br>Pass - 3 |   |
| Testing whether user is able to login and perform actions |                       | 0.2 - |       | Fail - 0<br>Skip - 0  | 3 |
| @Loginfeature   | @TC27                 | 0 -   | 1 2 3 |                       |   |

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the DS Algo Sign in Page   | PASSED | 0.033 s  |
| 2 | When The user clicks login button after leaving the "Username" textbox and "Password" textbox empty | PASSED | 0.312 s  |

DETAILED SECTION -- 29 --

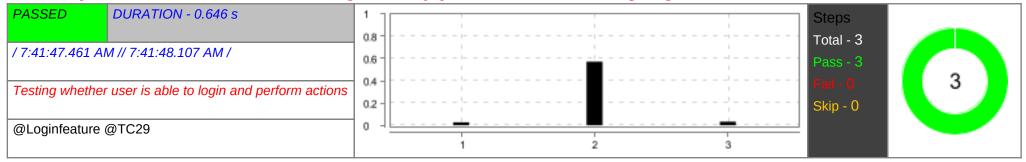
|   | # | Step / Hook Details   | Status | Duration |
|---|---|---|--------|----------|
| [ | 3 | Then The error message "Please fill out this field." appears below Username textbox | PASSED | 0.029 s  |

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



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the DS Algo Sign in Page   | PASSED | 0.014 s  |
| 2 | When The user clicks login button after entering the "Username" and leaves "Password" textbox empty | PASSED | 0.383 s  |
| 3 | Then The login error message "Please fill out this field." appears below Password textbox           | PASSED | 0.048 s  |

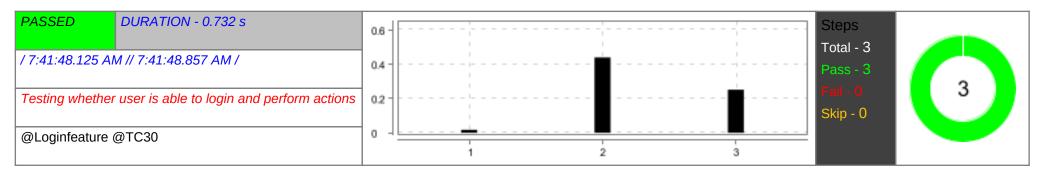
# Verify that user receives error message for empty Username field during Login



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the DS Algo Sign in Page                                       | PASSED | 0.027 s  |
| 2 | When The user clicks login button after entering the Password only                  | PASSED | 0.572 s  |
| 3 | Then The error message "Please fill out this field." appears below Username textbox | PASSED | 0.033 s  |

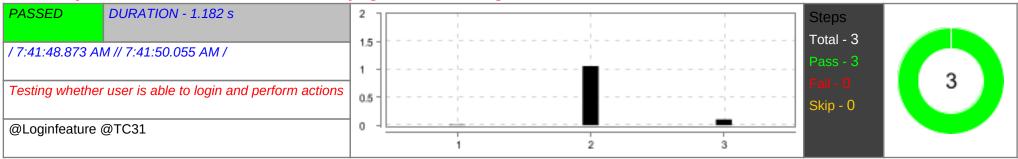
Verify that user receives error message for invalid Username field during Login

DETAILED SECTION -- 30 -



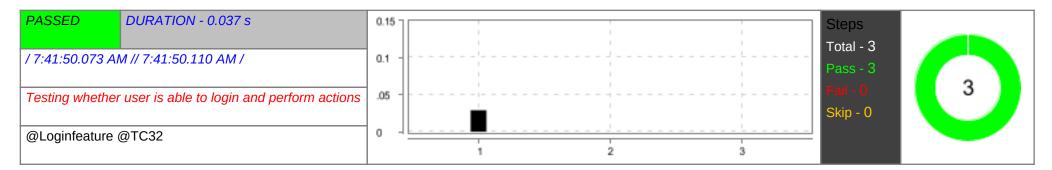
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the DS Algo Sign in Page  | PASSED | 0.017 s  |
| 2 | When The user clicks login button after entering invalid username and valid password | PASSED | 0.440 s  |
| 3 | Then The user should able to see an error message "Invalid username and password".   | PASSED | 0.252 s  |

# Verify that user able to land on Home page after entering valid Username and Password fields



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the DS Algo Sign in Page  | PASSED | 0.010 s  |
| 2 | When The user clicks login button after entering valid username and valid password     | PASSED | 1.059 s  |
| 3 | Then The user should land in Data Structure Home Page with message "You are logged in" | PASSED | 0.102 s  |

Verify that user able to sign out successfully



| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the Home page after Sign in                                       | PASSED | 0.029 s  |
| 2 | When The user clicks "Sign out"  | PASSED | 0.000 s  |
| 3 | Then The user should be redirected to home page with message "Logged out successfully" | PASSED | 0.000 s  |