

Feature		Scenario				Step					
Name	Duration	T	P	F	S	T	P	F	S		
Data Structures - Introduction Navigation	1 m 37.021 s	7	7	0	0	21	21	0	0		
Home and DS Algo Portal Navigation and Functionality	1.279 s	11	0	11	0	33	0	11	22		
Sign In and Sign Out in dsAlgo Portal	11.299 s	8	8	0	0	24	24	0	0		
User Registration on DS Algo Portal	8.961 s	4	3	1	0	12	11	1	0		

FAIL & SKIP SCENARIOS -- 3 --

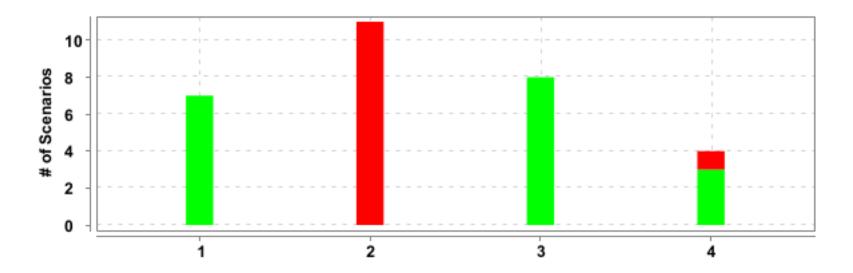
#	Feature Name	Scenario Name
1	Home and DS Algo Portal Navigation and Functionality	Verify the Home page for a user without Sign in
2		Verify that user is able to view options for "Data Structures" dropdown on home page without Sign in
3		Verify that user sees a warning message when selecting "Data Structures" from the dropdown without Sign in
4		Verify that the user is able to navigate to the Stack page
5		Verify that the user is able to open the DS Algo portal in the browser
6		Verify that the user is able to navigate to the Array page
7		Verify that the user is able to navigate to the Linked List page
8		Verify that the user is able to navigate to the Queue page
9		Verify that the user is able to navigate to the Tree page
10		Verify that the user is able to navigate to the Graph page
11		Verify that user is able to sign out successfully

FAIL & SKIP SCENARIOS -- 4 --

#	Feature Name	Scenario Name
12	User Registration on DS Algo Portal	Verify that user is able to land on Homepage after registration with valid fields

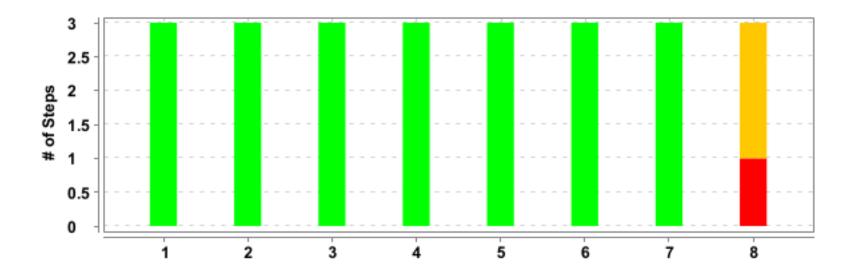
TAG	Scenario			Feature						
Name	T	P	F	S	T	P	F	S		
@Regression	30	18	12	0	4	2	2	0		

FEATURES SUMMARY -- 6 --



#	Feature Name	T	P	F	S	Duration
1	<u>Data Structures - Introduction Navigation</u>	7	7	0	0	1 m 37.021 s
2	Home and DS Algo Portal Navigation and Functionality	11	0	11	0	1.279 s
3	Sign In and Sign Out in dsAlgo Portal	8	8	0	0	11.299 s
4	User Registration on DS Algo Portal	4	3	1	0	8.961 s

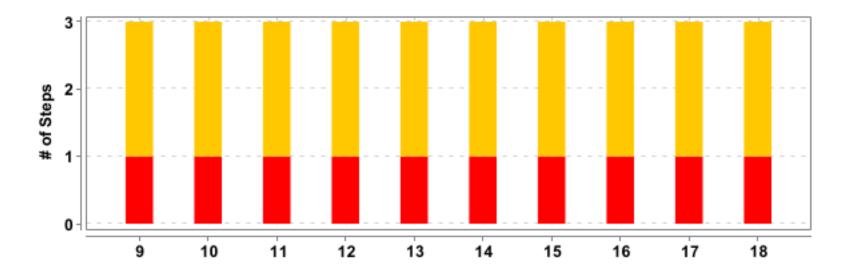
SCENARIOS SUMMARY



#	Feature Name	Scenario Name	T	P	F	S	Duration
1	Data Structures - Introduction Navigation	Verify that the user can navigate to Data Structures - Introduction page	3	3	0	0	55.522 s
2		Verify that the user is able to navigate to the Time Comlexity  Page	3	3	0	0	1.439 s
3		Verify that user is able to navigate to Practice Questions page	3	3	0	0	1.748 s
4		Verify that user is able to navigate to try Editor page	3	3	0	0	4.272 s
5		Verify that user receives error when click on Run button without entering code	3	3	0	0	2.788 s
6		Verify that user receives an error for invalid Python code in Try Editor page of Time Complexity	3	3	0	0	25.544 s
7		Verify that user is able to see output for valid Python code in Try Editor page of Time Complexity	3	3	0	0	5.048 s

#	Feature Name	Scenario Name	T	P	F	S	Duration
8	Home and DS Algo Portal Navigation and Functionality	Verify the Home page for a user without Sign in	3	0	1	2	0.140 s

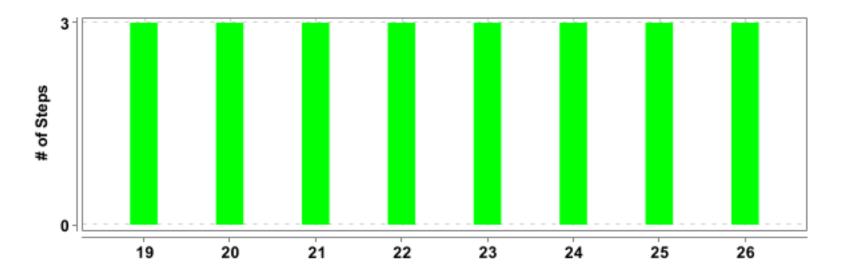
SCENARIOS SUMMARY -- 9 --



#	Feature Name	Scenario Name	T	P	F	S	Duration
9	Home and DS Algo Portal Navigation and Functionality	Verify that user is able to view options for "Data Structures" dropdown on home page without Sign in	3	0	1	2	0.074 s
10		Verify that user sees a warning message when selecting "Data Structures" from the dropdown without Sign in	3	0	1	2	0.016 s
11		Verify that the user is able to navigate to the Stack page	3	0	1	2	0.022 s
12		Verify that the user is able to open the DS Algo portal in the browser	3	0	1	2	0.016 s
13		Verify that the user is able to navigate to the Array page	3	0	1	2	0.039 s
14		Verify that the user is able to navigate to the Linked List page	3	0	1	2	0.035 s
15		Verify that the user is able to navigate to the Queue page	3	0	1	2	0.051 s
16		Verify that the user is able to navigate to the Tree page	3	0	1	2	0.074 s
17		Verify that the user is able to navigate to the Graph page	3	0	1	2	0.046 s

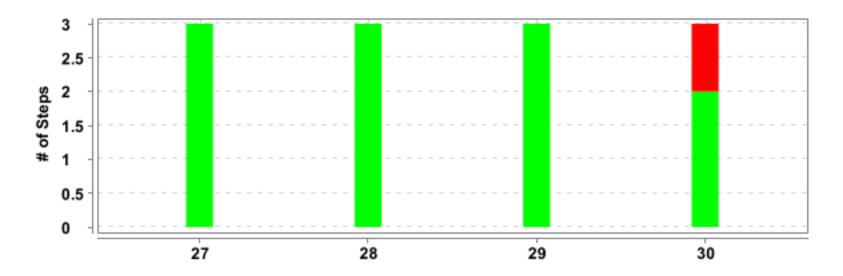
#	Feature Name	Scenario Name	T	P	F	S	Duration
18		Verify that user is able to sign out successfully	3	0	1	2	0.119 s

SCENARIOS SUMMARY



#	Feature Name	Scenario Name	T	P	F	S	Duration
19	Sign In and Sign Out in dsAlgo Portal	Verify that the user can navigate to registration from login	3	3	0	0	1.195 s
20		Verify that user receives an error message for all empty fields during login	3	3	0	0	0.725 s
21		Verify that user receives an error message for empty Password field during login	3	3	0	0	0.934 s
22		Verify that user receives an error message for empty Username field during login	3	3	0	0	1.043 s
23		Verify that user receives an error message for invalid  Username during login	3	3	0	0	1.889 s
24		Verify that user receives an error message for invalid <u>Username during login</u>	3	3	0	0	1.685 s
25		Verify that user receives an error message for invalid Username during login	3	3	0	0	1.456 s

#	Feature Name	Scenario Name	T	P	F	S	Duration
26		Verify that user is able to land on the Home page after	3	3	0	0	2.110 s
		entering valid credentials					



-- 13 --

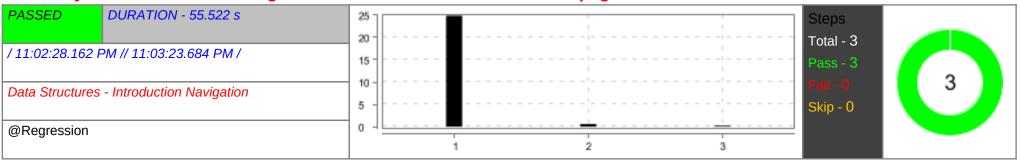
#	Feature Name	Scenario Name	T	P	F	S	Duration
27	User Registration on DS Algo Portal	Verify that user receives error message for all empty fields during registration	3	3	0	0	1.046 s
28		Verify that user receives error message for empty Username Confirmation field during registration	3	3	0	0	3.075 s
29		Verify that user receives error message for mismatched Password and Password Confirmation field during *	3	3	0	0	2.599 s
30		Verify that user is able to land on Homepage after registration with valid fields	3	2	1	0	2.136 s

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

#### **Data Structures - Introduction Navigation**

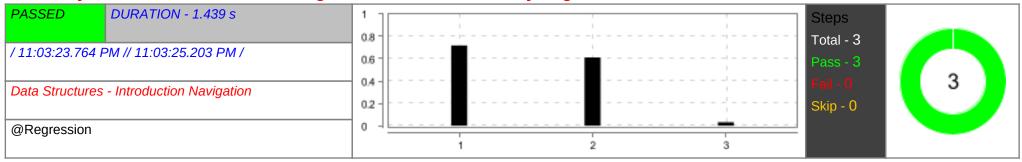
PASSED	DURATION - 1 m 37.021 s	Scenarios		Steps	
		Total - 7		Total - 21	
/ 11:02:28.149 PM // .	11:04:05.170 PM /	Pass - 7	7	Pass - 21	21
		Fail - 0		Fail - 0	21
		Skip - 0		Skip - 0	
		2 1			

#### Verify that the user can navigate to Data Structures - Introduction page



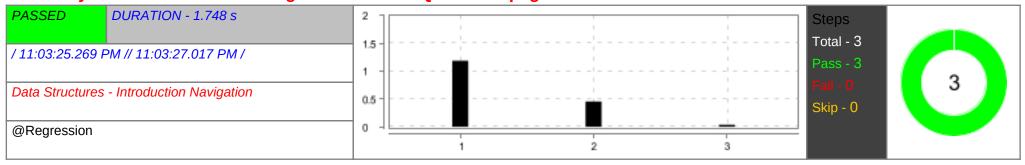
#	Step / Hook Details	Status	Duration
1	Given The user is in the Home page after logged in the DsAlgo portal	PASSED	24.857 s
2	When The user clicks on the Getting Started button in Data Structures Introduction	PASSED	0.605 s
3	Then The user should land in Data Structures Introduction Page	PASSED	0.205 s

#### Verify that the user is able to navigate to the Time Comlexity Page



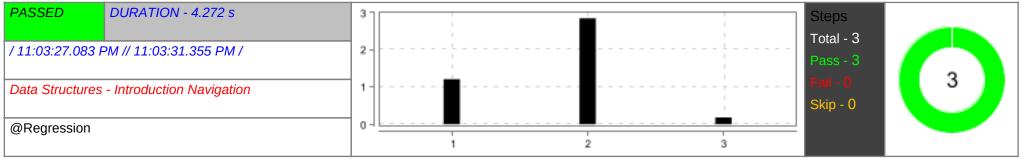
#	Step / Hook Details	Status	Duration
1	Given The user is in the Data Structure Introduction page	PASSED	0.718 s
2	When The user clicks on the Time Complexity link	PASSED	0.612 s
3	Then The user should be able to land on the Time complexity page	PASSED	0.031 s

#### Verify that user is able to navigate to Practice Questions page



#	Step / Hook Details	Status	Duration
1	Given The user is in the Time Complexity page	PASSED	1.188 s
2	When The user clicks the Practice Questions button	PASSED	0.456 s
3	Then The user should be redirected to Practice Questions of Data structures-Introduction	PASSED	0.036 s

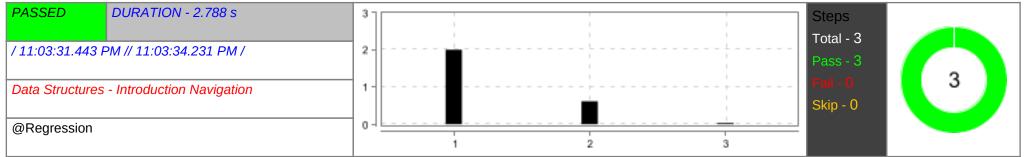
#### Verify that user is able to navigate to try Editor page



#	Step / Hook Details	Status	Duration
1	Given The user is in the Time Complexity page	PASSED	1.210 s
2	When The user clicks Try Here button	PASSED	2.845 s
3	Then The user should be redirected to a page having an try Editor with a Run button to test	PASSED	0.181 s

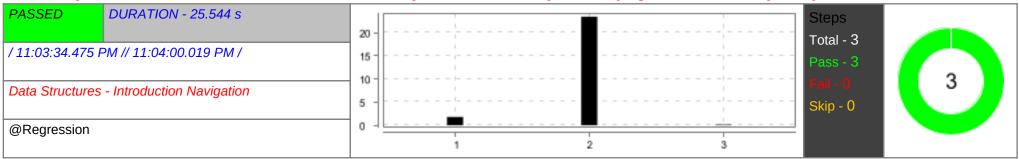
DETAILED SECTION -- 16 --

#### Verify that user receives error when click on Run button without entering code



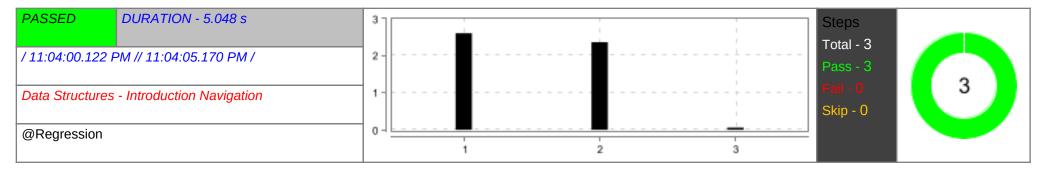
#	Step / Hook Details	Status	Duration
1	Given The user is in the tryEditor page.	PASSED	2.002 s
2	When The user clicks the Run Button without entering the code in the Editor	PASSED	0.614 s
3	Then The user should able to see an error message in alert window.	PASSED	0.030 s

#### **Verify that user receives an error for invalid Python code in Try Editor page of Time Complexity**



#	Step / Hook Details	Status	Duration
1	Given The user is in the tryEditor page for the Time complexity page	PASSED	1.802 s
2	When The user reads the invalid python code from excel "pythonCode" and 1 and enters in the tryEditor and clicks on Run	PASSED	23.448 s
	button		
3	Then The user should able to see an error message in alert window.	PASSED	0.139 s

**Verify that user is able to see output for valid Python code in Try Editor page of Time Complexity** 



#	Step / Hook Details	Status	Duration
1	Given The user is in the tryEditor page for the Time complexity page	PASSED	2.606 s
2	When The user reads the valid python code from excel "pythonCode" and 0 and enters in the tryEditor and clicks on Run button	PASSED	2.361 s
3	Then The user should able to see output in the console.	PASSED	0.059 s

## **Home and DS Algo Portal Navigation and Functionality**

Scenarios		Steps	
Total - 11		Total - 33	
Pass - 0	11	Pass - 0	33
Fail - 11		Fail - 11	
Skip - 0		Skip - 22	
	Total - 11  Pass - 0  Fail - 11	Total - 11 Pass - 0 Fail - 11	Total - 11  Pass - 0  Fail - 11  Fail - 11

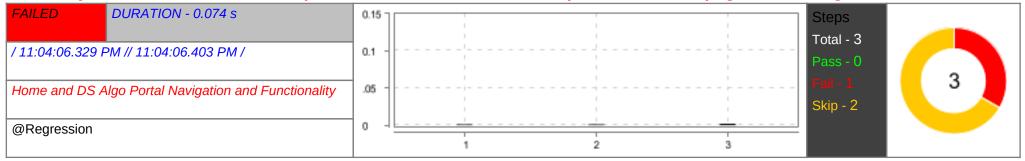
#### Verify the Home page for a user without Sign in

FAILED DURATION - 0.140 s	0.3 - Steps
/ 11:04:06.076 PM // 11:04:06.216 PM /	0.2
Home and DS Algo Portal Navigation and Functionality	0.1 -   Fail - 1   Skip - 2
@Regression	1 2 3

#	Step / Hook Details	Status	Duration
1	Given The user is on the DS Algo Portal	FAILED	0.125 s
	Step undefined		

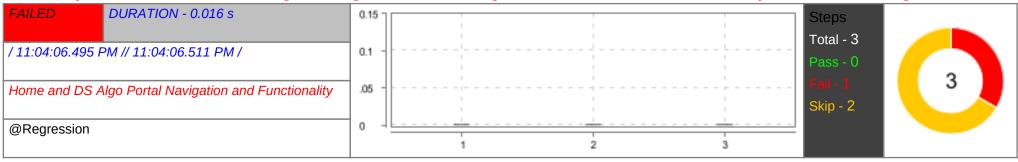
#	Step / Hook Details	Status	Duration
2	When The user clicks the Get Started button in home page	SKIPPED	0.000 s
3	Then The user should be navigated to the home page, which displays the Register and Sign in links	SKIPPED	0.001 s

#### 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	FAILED	0.001 s
	Step undefined		
2	When The user clicks the Data Structures dropdown	SKIPPED	0.001 s
3	Then The user should be able to see options Arrays, Linked List, Stack, Queue, Tree, Graph in the dropdown menu	SKIPPED	0.002 s

#### Verify that user sees a warning message when selecting "Data Structures" from the dropdown without Sign in



#	Step / Hook Details	Status	Duration
1	Given The user is on the Home page	FAILED	0.001 s
	Step undefined		
2	When The user selects "Data Structures" from the drop-down without Sign in	SKIPPED	0.001 s
3	Then The user should see a warning message "You are not logged in"	SKIPPED	0.001 s

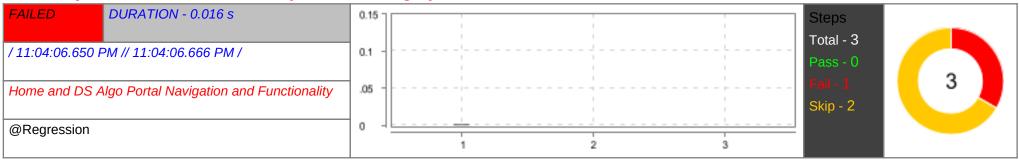
DETAILED SECTION -- 19 --

#### Verify that the user is able to navigate to the Stack page

FAILED DURATION - 0.022 s	0.15 Steps
/ 11:04:06.595 PM // 11:04:06.617 PM /	0.1 - Total - 3
7 11.04.00.333 FW // 11.04.00.017 FW /	Pass - 0
Home and DS Algo Portal Navigation and Functionality	1.05 - Fail - 1
	Skip - 2
@Regression	1 2 3

#	Step / Hook Details	Status	Duration
1	Given The user is logged in to the DS Algo portal	FAILED	0.001 s
	Step undefined		
2	When The user clicks on the dropdown menu and selects the "Stack" tab	SKIPPED	0.001 s
3	Then The user lands on the Stack page	SKIPPED	0.000 s

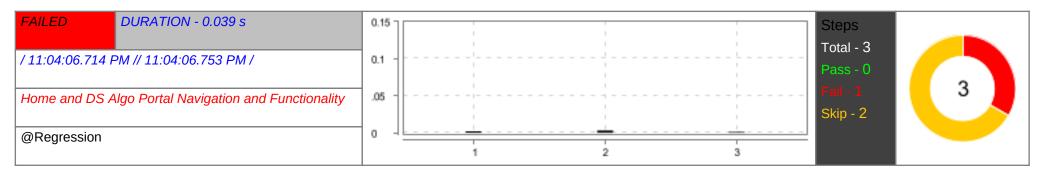
#### Verify that the user is able to open the DS Algo portal in the browser



#	Step / Hook Details	Status	Duration
1	Given The user has the DS Algo portal link or web address	FAILED	0.001 s
	Step undefined		
2	When The user enters the DS Algo portal web address in the browser	SKIPPED	0.000 s
3	Then The user should land on the DS Algo portal in the browser	SKIPPED	0.000 s

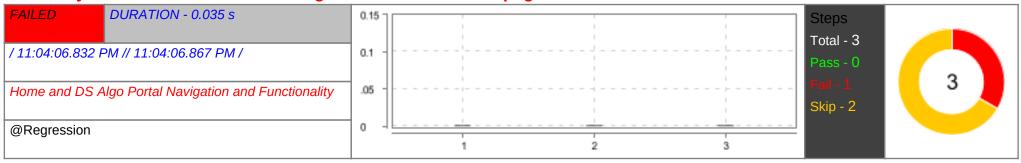
Verify that the user is able to navigate to the Array page

DETAILED SECTION -- 20 --



#	Step / Hook Details	Status	Duration
1	Given The user is logged in to the DS Algo portal	FAILED	0.002 s
	Step undefined		
2	When The user clicks on the dropdown menu and selects the "Array" tab	SKIPPED	0.003 s
3	Then The user lands on the Array page	SKIPPED	0.001 s

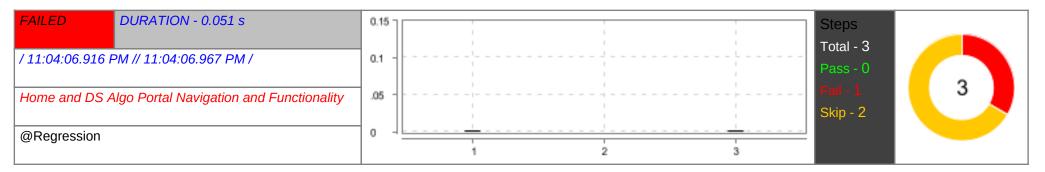
# Verify that the user is able to navigate to the Linked List page



#	Step / Hook Details	Status	Duration
1	Given The user is logged in to the DS Algo portal	FAILED	0.001 s
	Step undefined		
2	When The user clicks on the dropdown menu and selects the "Linked List" tab	SKIPPED	0.001 s
3	Then The user lands on the Linked List page	SKIPPED	0.001 s

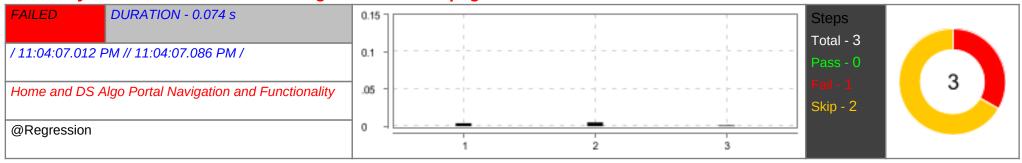
Verify that the user is able to navigate to the Queue page

DETAILED SECTION -- 21 --



#	Step / Hook Details	Status	Duration
1	Given The user is logged in to the DS Algo portal	FAILED	0.002 s
	Step undefined		
2	When The user clicks on the dropdown menu and selects the "Queue" tab	SKIPPED	0.000 s
3	Then The user lands on the Queue page	SKIPPED	0.002 s

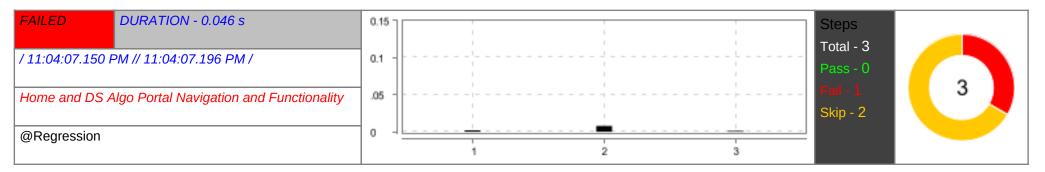
#### Verify that the user is able to navigate to the Tree page



#	Step / Hook Details	Status	Duration
1	Given The user is logged in to the DS Algo portal	FAILED	0.004 s
	Step undefined		
2	When The user clicks on the dropdown menu and selects the "Tree" tab	SKIPPED	0.005 s
3	Then The user lands on the Tree page	SKIPPED	0.001 s

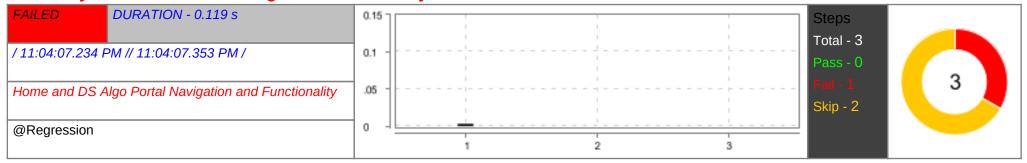
Verify that the user is able to navigate to the Graph page

DETAILED SECTION -- 22 --



#	Step / Hook Details	Status	Duration
1	Given The user is logged in to the DS Algo portal	FAILED	0.002 s
	Step undefined		
2	When The user clicks on the dropdown menu and selects the "Graph" tab	SKIPPED	0.008 s
3	Then The user lands on the Graph page	SKIPPED	0.001 s

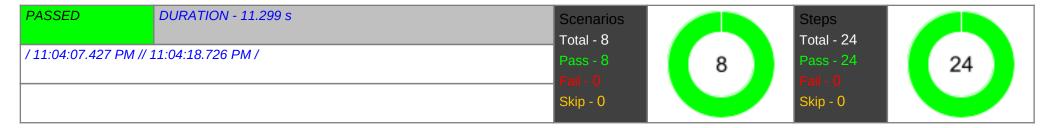
#### Verify that user is able to sign out successfully



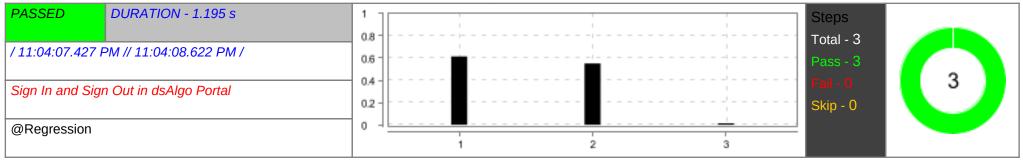
#	Step / Hook Details	Status	Duration
1	Given The user is in the Home page after Sign in	FAILED	0.003 s
	Step undefined		
2	When The user clicks "Sign out" on home page	SKIPPED	0.000 s
3	Then The user should be redirected to the home page with message "Logged out successfully"	SKIPPED	0.000 s

## **Sign In and Sign Out in dsAlgo Portal**

DETAILED SECTION -- 23 --



## Verify that the user can navigate to registration from login



#	Step / Hook Details	Status	Duration
1	Given The user is on the login page	PASSED	0.615 s
2	When The user clicks on the Register link	PASSED	0.551 s
3	Then The user should be redirected to the registration page	PASSED	0.013 s

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

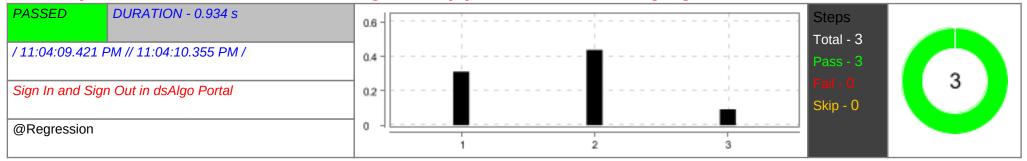
				<u> </u>		
PASSED	DURATION - 0.725 s	0.6 -			Steps	
/ 11:04:08.652	PM // 11:04:09.377 PM /	0.4 -		<u>i</u>	Total - 3 Pass - 3	
Sign In and Sign	n Out in dsAlgo Portal	0.2 -			Fail - 0 Skip - 0	3
@Regression		0 -	<u> </u>		SKIP 0	
			1	Z 3		

#	Step / Hook Details	Status	Duration
1	Given The user is on the DS Algo Sign in Page	PASSED	0.269 s
2	When The user clicks the login button after leaving the "Username" textbox and "Password" textbox empty	PASSED	0.330 s

DETAILED SECTION -- 24 --

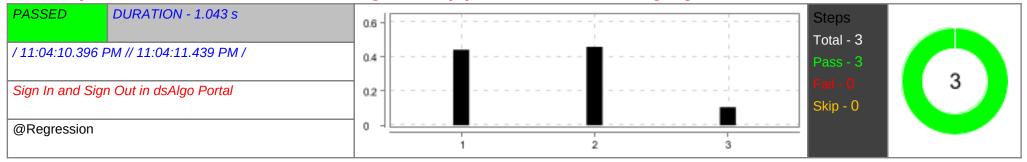
	#	Step / Hook Details	Status	Duration
3	3	Then The error message Please fill out this field. appears below Username textbox during login	PASSED	0.095 s

#### Verify that user receives an 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	0.312 s
2	When The user clicks the login button after entering the "Username" and leaves "Password" textbox empty	PASSED	0.438 s
3	Then The error message Please fill out this field. appears below Password textbox during login	PASSED	0.092 s

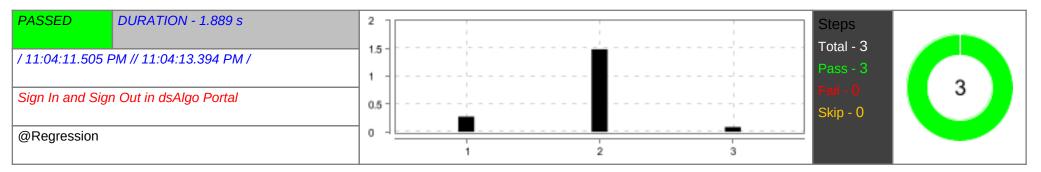
#### Verify that user receives an error message for empty Username field during login



#	Step / Hook Details	Status	Duration
1	Given The user is on the DS Algo Sign in Page	PASSED	0.441 s
2	When The user clicks the login button after entering the Password only	PASSED	0.458 s
3	Then The error message appears below Username textbox	PASSED	0.106 s

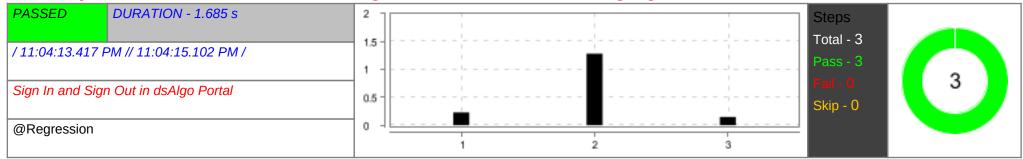
Verify that user receives an error message for invalid Username during login

DETAILED SECTION -- 25 --



#	Step / Hook Details	Status	Duration
1	Given The user is on the DS Algo Sign in Page	PASSED	0.274 s
2	When The user clicks the login button after entering an invalid username and valid password from excel 1	PASSED	1.484 s
3	Then The user should see an error message "Invalid Username and Password"	PASSED	0.086 s

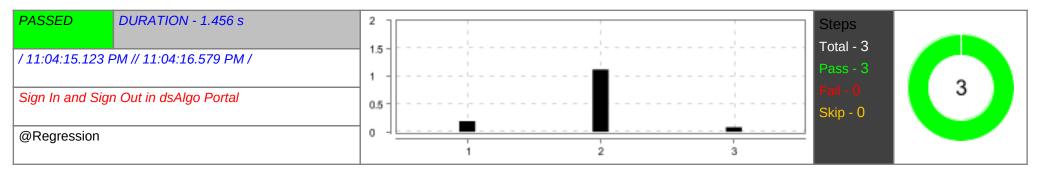
#### Verify that user receives an error message for invalid Username during login



#	Step / Hook Details	Status	Duration
1	Given The user is on the DS Algo Sign in Page	PASSED	0.229 s
2	When The user clicks the login button after entering an invalid username and valid password from excel 2	PASSED	1.281 s
3	Then The user should see an error message "Invalid Username and Password"	PASSED	0.146 s

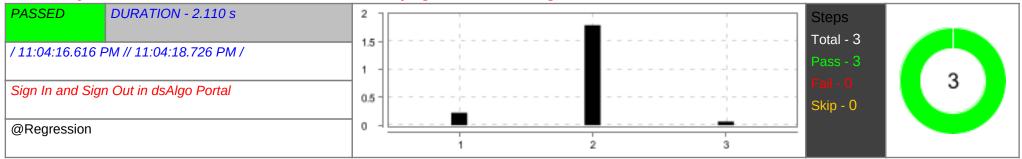
Verify that user receives an error message for invalid Username during login

DETAILED SECTION -- 26 --



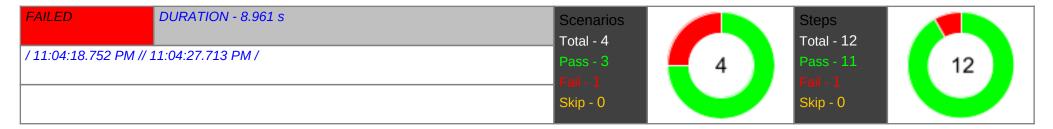
#	Step / Hook Details	Status	Duration
1	Given The user is on the DS Algo Sign in Page	PASSED	0.192 s
2	When The user clicks the login button after entering an invalid username and valid password from excel 3	PASSED	1.119 s
3	Then The user should see an error message "Invalid Username and Password"	PASSED	0.083 s

#### Verify that user is able to land on the Home page after entering valid credentials

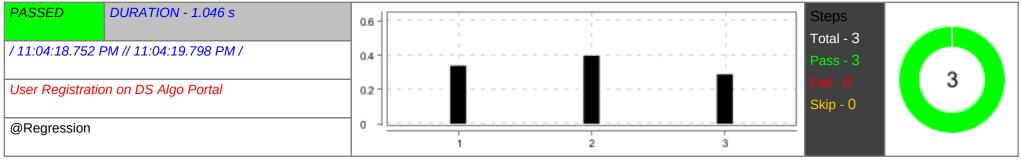


#	Step / Hook Details	Status	Duration
1	Given The user is on the DS Algo Sign in Page	PASSED	0.223 s
2	When The user clicks the login button after entering valid username and valid password from excel 4	PASSED	1.792 s
3	Then The user should land in Data Structure Home Page with message You are logged in	PASSED	0.066 s

## **User Registration on DS Algo Portal**



## 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	0.339 s
2	When The user clicks Register button with "username" , "password" and "confirm_password" empty	PASSED	0.397 s
3	Then The error message should be displayed under username	PASSED	0.289 s

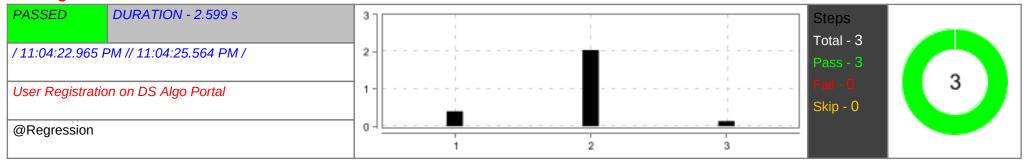
#### Verify that user receives error message for empty Username Confirmation field during registration

		_	• •	•		
PASSED	DURATION - 3.075 s	2 -			Steps	
/ 11:04:19.832 F	PM // 11:04:22.907 PM /	1.5 -			Total - 3	
		1 -			Pass - 3	3
User Registration	on on DS Algo Portal	0.5			Fail - 0 Skip - 0	3
@Regression		0 -				
			1 2 3	3		

#	Step / Hook Details	Status	Duration
1	Given The user is on the user registration page	PASSED	0.999 s
2	When The user clicks Register button after entering Password and Password Confirmation with Username field empty 1	PASSED	1.919 s

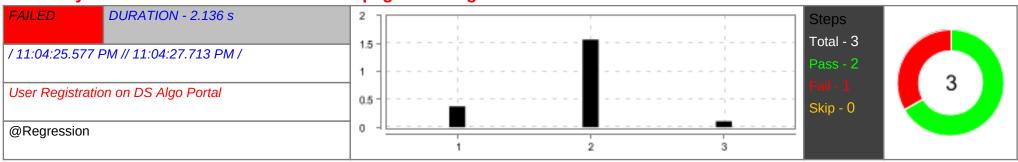
#	Step / Hook Details	Status	Duration
3	Then The error message should be displayed "password_mismatch:The two password fields didn't match."	PASSED	0.117 s

# 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	0.399 s
2	When The user clicks Register button after entering different passwords in Password and Password Confirmation fields 2	PASSED	2.044 s
3	Then The user should be able to see a password warning "password_mismatch:The two password fields didn't match."	PASSED	0.137 s

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



#	Step / Hook Details	Status	Duration
1	Given The user is on the user registration page	PASSED	0.373 s
2	When The user clicks Register button after entering a valid username, password, and password confirmation in related textboxes 3	PASSED	1.570 s
3	Then The user should be redirected to Home Page of DS Algo with success message	FAILED	0.107 s
	java.lang.AssertionError: expected [true] but found [false]		

DETAILED SECTION -- 29 --

#	Step / Hook Details	Status	Duration
	at org.testng.Assert.fail(Assert.java:111) at org.testng.Assert.failNotEquals(Assert.java:1590) at org.testng.Assert.assertTrue(Assert.java:57) at org.testng.Assert.assertTrue(Assert.java:67) at StepDefinitions.RegisterStep.the_user_should_be_redirected_to_home_page_of_ds_algo_with_success_message(RegisterStep. java:129) at ?.The user should be redirected to Home Page of DS Algo with success message(file:///C:/Users/Ashish/eclipse-workspace/DsAlgoCucumber/src/test/resources/features/Register.feature:30) * Not displayable characters are replaced by '?'.		
	AFTER_STEP - StepDefinitions.Hooks.takeScreenshot(io.cucumber.java.Scenario)	FAILED	0.066 s
	org.openqa.selenium.NoSuchSessionException: Session ID is null. Using WebDriver after calling quit()? Build info: version: '4.9.0', revision: 'd7057100a6' System info: os.name: 'Windows 10', os.arch: 'amd64', os.version: '10.0', java.version: '23.0.1' Driver info: org.openqa.selenium. chrome.ChromeDriver Command: [null, screenshot {}] Capabilities {acceptInsecureCerts: false, browserName: chrome, browserVersion: 134.0.6998.89, chrome: {chromedriverVersion: 134.0.6998.88 (7e3d5c978c6d, userDataDir: C:\Users\Ashish\AppData\Loc}, fedcm:accounts: true, goog:chromeOptions: {debuggerAddress: localhost:60467}, networkConnectionEnabled: false, pageLoadStrategy: normal, platformName: WINDOWS, proxy: Proxy(), se:cdp: ws://localhost:60467/devtoo, se:cdpVersion: 134.0.6998.89, setWindowRect: true, strictFileInteractability: false, timeouts: {implicit: 0, pageLoad: 300000, script: 30000}, unhandledPromptBehavior: dismiss and notify, webauthn:extension:credBlob: true, webauthn:extension:largeBlob: true, webauthn:extension:minPinLength: true, webauthn:extension:prf: true, webauthn:virtualAuthenticators: true} at org.openqa.selenium.remote.HttpCommandExecutor.execute(HttpCommandExecutor.java:154) at org.openqa.selenium.remote.service.DriverCommandExecutor.invokeExecute(DriverCommandExecutor.java:183) at org.openqa.selenium.remote.RemoteWebDriver.execute(RemoteWebDriver.java:543) at org.openqa.selenium.remote.RemoteWebDriver.execute(RemoteWebDriver.java:598) at org.openqa.selenium.remote.RemoteWebDriver.execute(RemoteWebDriver.java:598) at org.openqa.selenium.remote.RemoteWebDriver.execute(RemoteWebDriver.java:318) at StepDefinitions.Hooks.takeScreenshot(Hooks.java:43)		