

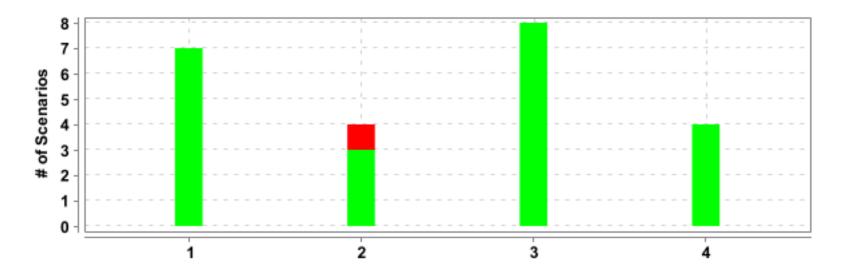
Feature			Scel	nario					
Name	Duration	T	P	F	S	<b>T</b>	P	F	S
Data Structures - Introduction Navigation	33.145 s	7	7	0	0	21	21	0	0
Home and DS Algo Portal Navigation and Functionality	14.234 s	4	3	1	0	12	9	1	2
Sign In and Sign Out in dsAlgo Portal	11.548 s	8	8	0	0	24	24	0	0
User Registration on DS Algo Portal	6.579 s	4	4	0	0	12	12	0	0

FAIL & SKIP SCENARIOS -- 3 --

#	Feature Name	Scenario Name
1	Home and DS Algo Portal Navigation and Functionality	Verify that user is able to navigate to Tree Data Structures page

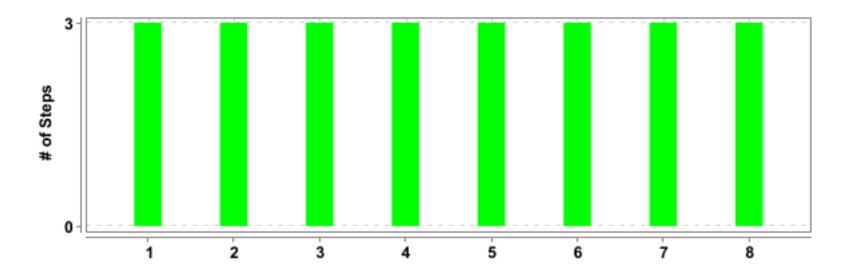
TAG	Scenario				Fea	ture				
Name	T	P	F	S	T	P	F	S		
@Regression	23	22	1	0	4	3	1	0		

FEATURES SUMMARY -- 5 --



#	Feature Name	T	P	F	S	Duration
1	Data Structures - Introduction Navigation	7	7	0	0	33.145 s
2	Home and DS Algo Portal Navigation and Functionality	4	3	1	0	14.234 s
3	Sign In and Sign Out in dsAlgo Portal	8	8	0	0	11.548 s
4	User Registration on DS Algo Portal	4	4	0	0	6.579 s

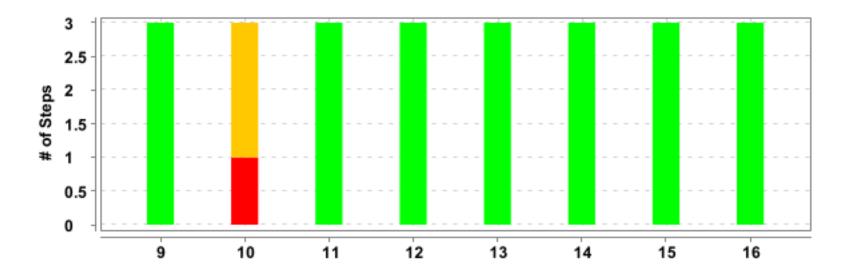
SCENARIOS SUMMARY -- 6 --



#	Feature Name	Scenario Name	T	P	F	S	Duration
1	<u>Data Structures - Introduction</u> <u>Navigation</u>	Verify that the user can navigate to Data Structures - Introduction page	3	3	0	0	5.071 s
2		Verify that the user is able to navigate to the Time Comlexity  Page	3	3	0	0	1.452 s
3		Verify that user is able to navigate to Practice Questions  page	3	3	0	0	2.874 s
4		Verify that user is able to navigate to try Editor page	3	3	0	0	4.021 s
5		Verify that user receives error when click on Run button without entering code	3	3	0	0	3.002 s
6		Verify that user receives an error for invalid Python code in Try Editor page of Time Complexity	3	3	0	0	11.321 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	4.603 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	3	3	0	0	0.854 s

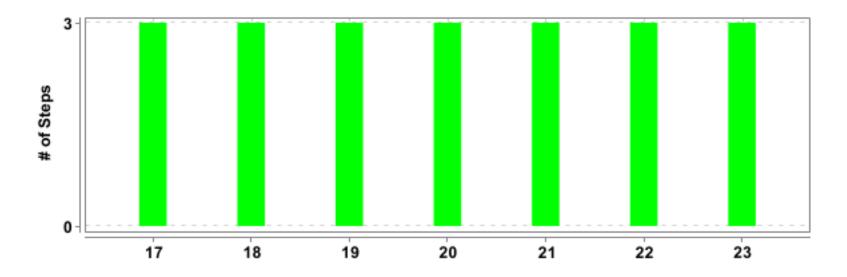
SCENARIOS SUMMARY -- 8 --



#	Feature Name	Scenario Name	T	P	F	S	Duration
9	Home and DS Algo Portal Navigation and Functionality	Verify that user sees a warning message when selecting  Data Structures from the dropdown without Sign in	3	3	0	0	1.332 s
10		Verify that user is able to navigate to Tree Data Structures page	3	0	1	2	10.742 s
11		Verify that user is able to sign out successfully	3	3	0	0	1.108 s
12	Sign In and Sign Out in dsAlgo Portal	Verify that the user can navigate to registration from login	3	3	0	0	1.045 s
13		Verify that user receives an error message for all empty fields during login	3	3	0	0	0.671 s
14		Verify that user receives an error message for empty Password field during login	3	3	0	0	0.943 s
15		Verify that user receives an error message for empty Username field during login	3	3	0	0	1.232 s

#	Feature Name	Scenario Name	T	P	F	S	Duration
16		Verify that user receives an error message for invalid	3	3	0	0	1.797 s
		<u>Username during login</u>					

SCENARIOS SUMMARY -- 10 --



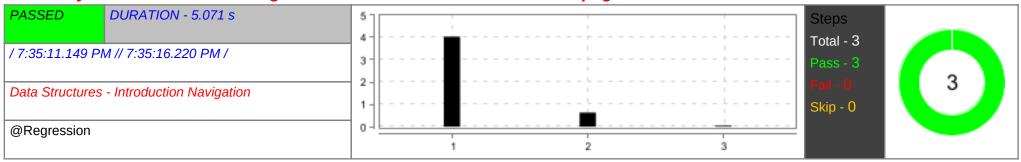
#	Feature Name	Scenario Name	T	P	F	S	Duration
17	Sign In and Sign Out in dsAlgo Portal	Verify that user receives an error message for invalid  Username during login	3	3	0	0	1.453 s
18		Verify that user receives an error message for invalid Username during login	3	3	0	0	1.764 s
19		Verify that user is able to land on the Home page after entering valid credentials	3	3	0	0	2.171 s
20	User Registration on DS Algo Portal	Verify that user receives error message for all empty fields during registration	3	3	0	0	0.751 s
21		Verify that user receives error message for empty Username Confirmation field during registration	3	3	0	0	1.600 s
22		Verify that user receives error message for mismatched Password and Password Confirmation field during *	3	3	0	0	2.049 s
23		Verify that user is able to land on Homepage after registration with valid fields	3	3	0	0	1.830 s

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

## **Data Structures - Introduction Navigation**

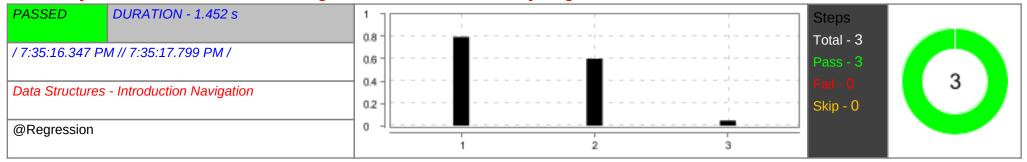
PASSED	DURATION - 33.145 s	Scenarios		Steps	
		Total - 7		Total - 21	
/ 7:35:11.131 PM //	7:35:44.276 PM /	Pass - 7	7	Pass - 21	21
		Fail - 0		Fail - 0	21
		Skip - 0		Skip - 0	
		Sp		S.up o	

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



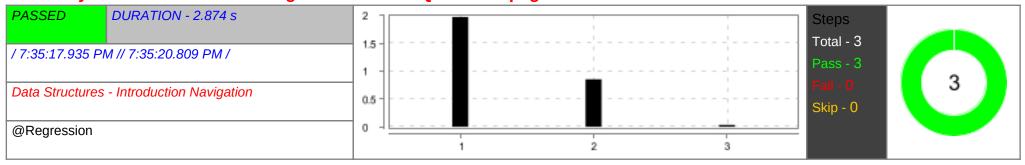
#	Step / Hook Details	Status	Duration
1	Given The user is in the Home page after logged in the DsAlgo portal	PASSED	4.035 s
2	When The user clicks on the Getting Started button in Data Structures Introduction	PASSED	0.634 s
3	Then The user should land in Data Structures Introduction Page	PASSED	0.042 s

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



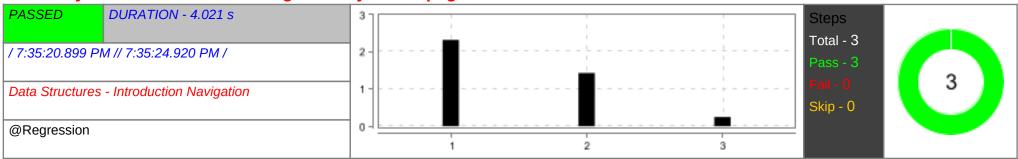
#	Step / Hook Details	Status	Duration
1	Given The user is in the Data Structure Introduction page	PASSED	0.795 s
2	When The user clicks on the Time Complexity link	PASSED	0.600 s
3	Then The user should be able to land on the Time complexity page	PASSED	0.046 s

## 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	1.973 s
2	When The user clicks the Practice Questions button	PASSED	0.854 s
3	Then The user should be redirected to Practice Questions of Data structures-Introduction	PASSED	0.031 s

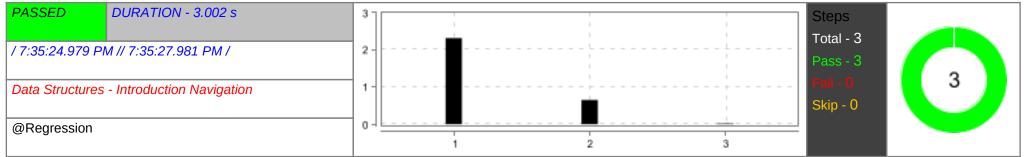
#### Verify that user is able to navigate to try Editor page



#	Step / Hook Details	Status	Duration
1	Given The user is in the Time Complexity page	PASSED	2.317 s
2	When The user clicks Try Here button	PASSED	1.429 s
3	Then The user should be redirected to a page having an try Editor with a Run button to test	PASSED	0.245 s

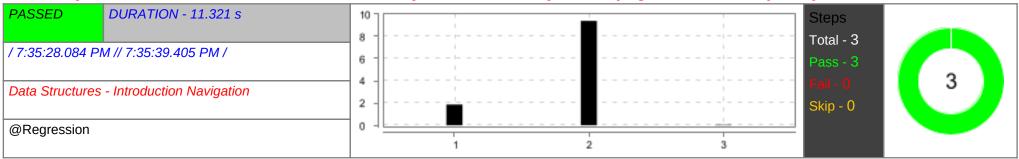
DETAILED SECTION -- 13 --

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



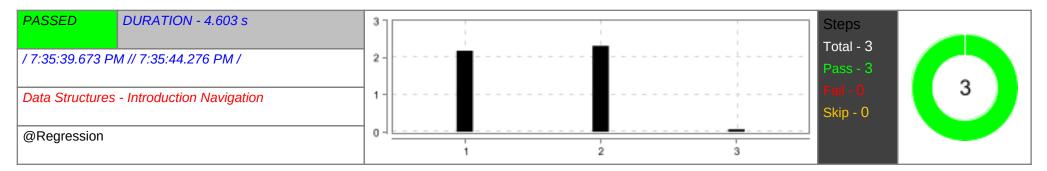
#	Step / Hook Details	Status	Duration
1	Given The user is in the tryEditor page.	PASSED	2.314 s
2	When The user clicks the Run Button without entering the code in the Editor	PASSED	0.651 s
3	Then The user should able to see an error message in alert window.	PASSED	0.017 s

## **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	1.860 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	9.382 s
	button		
3	Then The user should able to see an error message in alert window.	PASSED	0.049 s

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

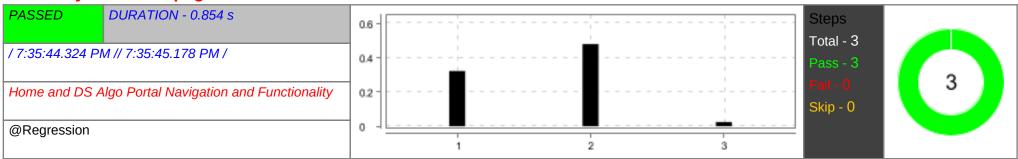


#	Step / Hook Details	Status	Duration
1	Given The user is in the tryEditor page for the Time complexity page	PASSED	2.187 s
2	When The user reads the valid python code from excel "pythonCode" and 0 and enters in the tryEditor and clicks on Run button	PASSED	2.317 s
3	Then The user should able to see output in the console.	PASSED	0.065 s

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

Scenarios		Steps	
Total - 4		Total - 12	
Pass - 3	4	Pass - 9	12
Fail - 1		Fail - 1	12
Skip - 0		Skip - 2	
	Total - 4 Pass - 3 Fail - 1	Total - 4 Pass - 3 Fail - 1	Total - 4 Pass - 3 Fail - 1  Total - 12 Pass - 9 Fail - 1

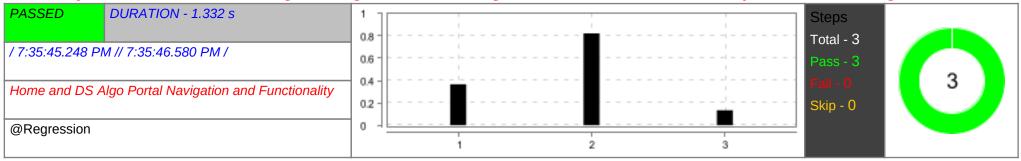
#### Verify the Home page for a user



#	Step / Hook Details	Status	Duration
1	Given The user is on the DS Algo Portal	PASSED	0.323 s
2	When The user clicks the Get Started button	PASSED	0.480 s

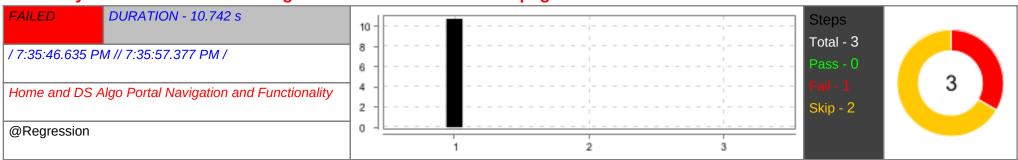
#	Step / Hook Details	Status	Duration
3	Then The user should be navigated to the home page	PASSED	0.025 s

## 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	PASSED	0.366 s
2	When The user selects Tree Data Structures from the drop-down without Sign in	PASSED	0.823 s
3	Then The user should see a warning message	PASSED	0.133 s

## Verify that user is able to navigate to Tree Data Structures page



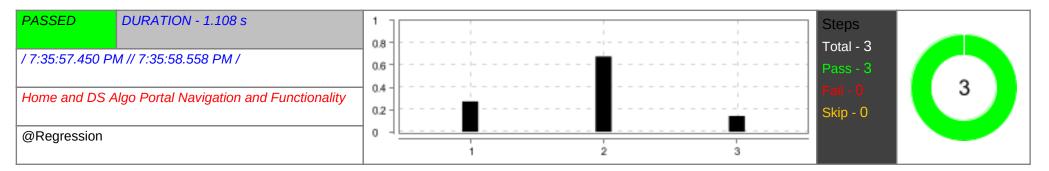
#	Step / Hook Details	Status	Duration
1	Given The user is on the Home page after signed in	FAILED	10.718 s
	org.openqa.selenium.NoSuchElementException: no such element: Unable to locate element: {"method":"xpath","selector":"//a[text()='Sign in']"} (Session info: chrome=134.0.6998.118) For documentation on this error, please visit: https://selenium.dev/exceptions/#no_such_element 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: [4e285432b09085eccdcf41134f2322b9, findElement {using=xpath, value=//a[text()='Sign in']}] Capabilities {acceptInsecureCerts: false, browserName: chrome, browserVersion: 134.0.6998.118, chrome: {chromedriverVersion: 134.0.6998.88 (7e3d5c978c6d, userDataDir: C:\Users\Ashish\AppData\Loc}, fedcm:accounts: true, goog:chromeOptions: {debuggerAddress: localhost:59601}, networkConnectionEnabled: false, pageLoadStrategy: normal, platformName:		

DETAILED SECTION -- 16 --

#	Step / Hook Details	Status	Duration
	WINDOWS, proxy: Proxy(), se:cdp: ws://localhost:59601/devtoo, se:cdpVersion: 134.0.6998.118, setWindowRect: true, strictFileInteractability: false, timeouts: (implicit: 0, pageLoad: 300000, script: 30000), unhandIdePromptBehavior: dismiss and notify, webauthm:extension:credBlob: true, webauthm:extension:minPinLength: true, we		
2	When The user selects Tree item from the drop-down menu	SKIPPED	0.000 s
3	Then The user should land on the Tree Data Structure page	SKIPPED	0.000 s
	AFTER - StepDefinitions.Hooks.afterstep(io.cucumber.java.Scenario)  java.lang.NullPointerException: Cannot invoke "org.openqa.selenium.TakesScreenshot.getScreenshotAs(org.openqa.selenium.OutputType)" because "screenshotTaker" is null at StepDefinitions.Hooks.afterstep(Hooks.java:42)	FAILED	0.017 s

Verify that user is able to sign out successfully

DETAILED SECTION -- 17 --



#	Step / Hook Details	Status	Duration
1	Given The user is on the home page after logging in	PASSED	0.273 s
2	When The user clicks Sign out on home page	PASSED	0.677 s
3	Then The user should be redirected to the home page with message "Logged out successfully"	PASSED	0.142 s

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

Scenarios		Steps	
Total - 8		Total - 24	
Pass - 8	8	Pass - 24	24
Fail - 0	, J	Fail - 0	27
Skip - 0		Skip - 0	
	Total - 8 Pass - 8	Total - 8 Pass - 8 Fail - 0	Total - 8  Pass - 8  Fail - 0  Total - 24  Pass - 24  Fail - 0

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

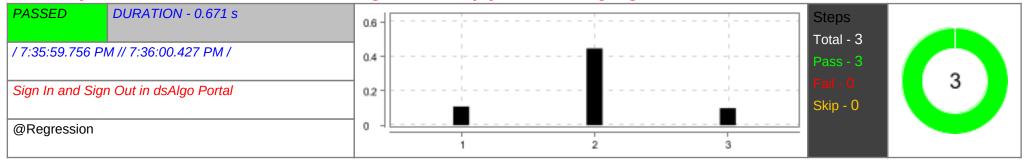
PASSED	DURATION - 1.045 s	1 7	Steps
/7.05.50.004.D	WA // 7-05-50 700 DIA /	0.8 -	Total - 3
/ 7:35:58.664 P	M // 7:35:59.709 PM /	0.6 -	Pass - 3
Sign In and Sig	n Out in dsAlgo Portal	0.4 -	
orgin in ania org	Cat in as lige i site.	0.2 -	Skip - 0
@Regression		0 1	<del></del>
			1 2 3

#	Step / Hook Details	Status	Duration
1	Given The user is on the login page	PASSED	0.272 s
2	When The user clicks on the Register link	PASSED	0.691 s

DETAILED SECTION -- 18 --

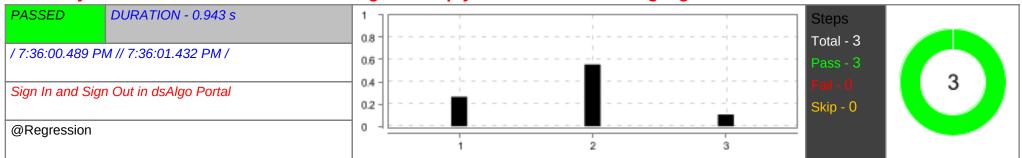
#	Step / Hook Details	Status	Duration
3	Then The user should be redirected to the registration page	PASSED	0.069 s

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



#	Step / Hook Details	Status	Duration
1	Given The user is on the DS Algo Sign in Page	PASSED	0.109 s
2	When The user clicks the login button after leaving the "Username" textbox and "Password" textbox empty	PASSED	0.447 s
3	Then The error message Please fill out this field. appears below Username textbox during login	PASSED	0.099 s

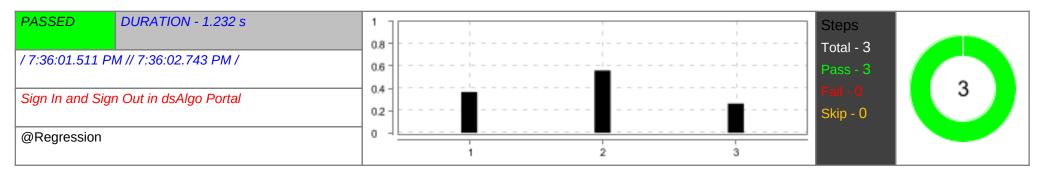
## Verify that user receives an error message for empty Password field during login



#	Step / Hook Details	Status	Duration
1	Given The user is on the DS Algo Sign in Page	PASSED	0.265 s
2	When The user clicks the login button after entering the "Username" and leaves "Password" textbox empty	PASSED	0.556 s
3	Then The error message Please fill out this field. appears below Password textbox during login	PASSED	0.106 s

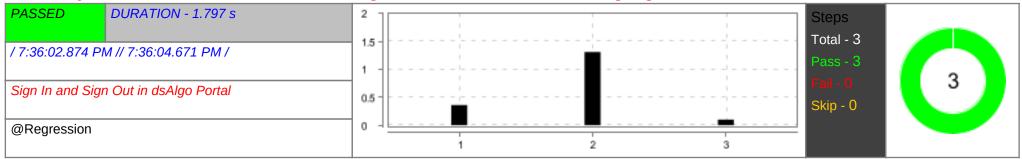
Verify that user receives an error message for empty Username field during login

DETAILED SECTION -- 19 --



#	Step / Hook Details	Status	Duration
1	Given The user is on the DS Algo Sign in Page	PASSED	0.367 s
2	When The user clicks the login button after entering the Password only	PASSED	0.560 s
3	Then The error message appears below Username textbox	PASSED	0.263 s

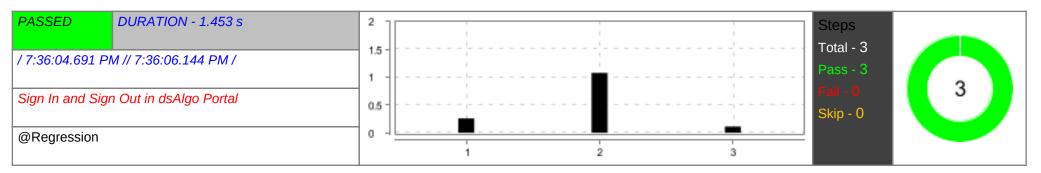
## Verify that user receives an error message for invalid Username during login



#	Step / Hook Details	Status	Duration
1	Given The user is on the DS Algo Sign in Page	PASSED	0.362 s
2	When The user clicks the login button after entering an invalid username and valid password from excel 1	PASSED	1.311 s
3	Then The user should see an error message "Invalid Username and Password"	PASSED	0.100 s

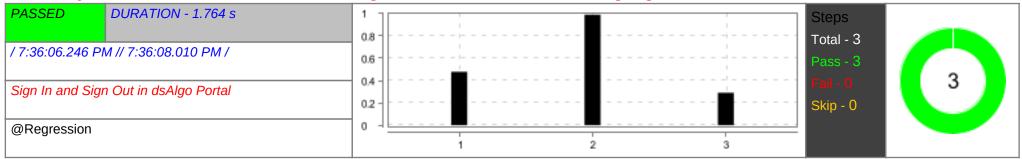
Verify that user receives an error message for invalid Username during login

DETAILED SECTION -- 20 --



#	Step / Hook Details	Status	Duration
1	Given The user is on the DS Algo Sign in Page	PASSED	0.258 s
2	When The user clicks the login button after entering an invalid username and valid password from excel 2	PASSED	1.076 s
3	Then The user should see an error message "Invalid Username and Password"	PASSED	0.113 s

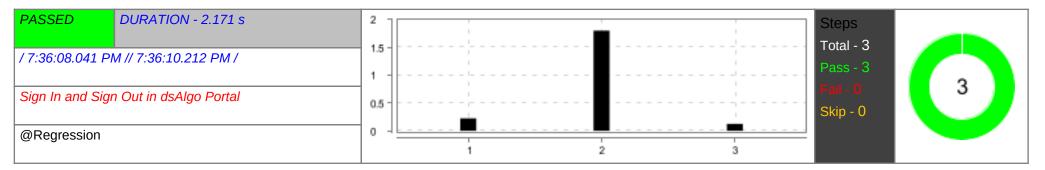
## Verify that user receives an error message for invalid Username during login



#	Step / Hook Details	Status	Duration
1	Given The user is on the DS Algo Sign in Page	PASSED	0.478 s
2	When The user clicks the login button after entering an invalid username and valid password from excel 3	PASSED	0.989 s
3	Then The user should see an error message "Invalid Username and Password"	PASSED	0.291 s

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

DETAILED SECTION -- 21 --

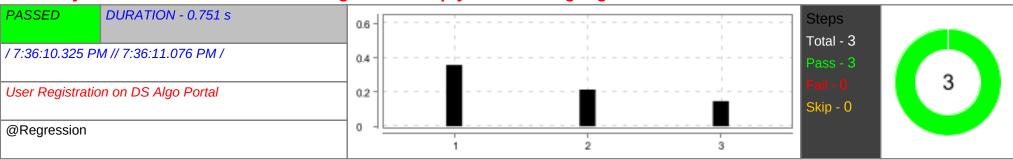


#	Step / Hook Details	Status	Duration
1	Given The user is on the DS Algo Sign in Page	PASSED	0.223 s
2	When The user clicks the login button after entering valid username and valid password from excel 4	PASSED	1.801 s
3	Then The user should land in Data Structure Home Page with message You are logged in	PASSED	0.123 s

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

Scenarios		Steps	
Total - 4		Total - 12	
Pass - 4	4	Pass - 12	12
Fail - 0		Fail - 0	12
Skip - 0		Skip - 0	
	Total - 4 Pass - 4 Fail - 0	Total - 4 Pass - 4 Fail - 0	Total - 4 Pass - 4 Fail - 0  Total - 12 Pass - 12 Fail - 0

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

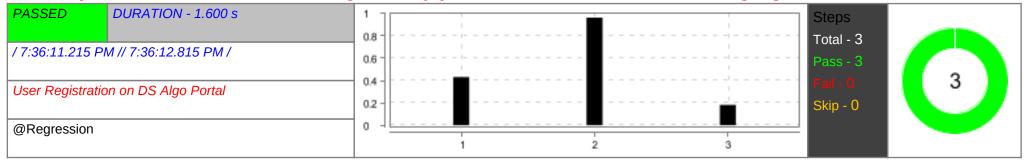


#	Step / Hook Details	Status	Duration
1	Given The user is on the user registration page	PASSED	0.358 s
2	When The user clicks Register button with "username", "password" and "confirm_password" empty	PASSED	0.214 s

DETAILED SECTION -- 22 --

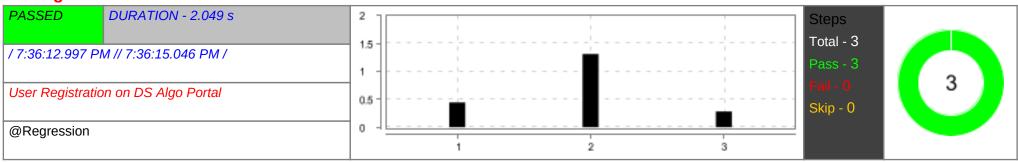
#	Step / Hook Details	Status	Duration
3	Then The error message should be displayed under username	PASSED	0.147 s

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



#	Step / Hook Details	Status	Duration
1	Given The user is on the user registration page	PASSED	0.431 s
2	When The user clicks Register button after entering Password and Password Confirmation with Username field empty 1	PASSED	0.963 s
3	Then The error message should be displayed "password_mismatch:The two password fields didn't match."	PASSED	0.182 s

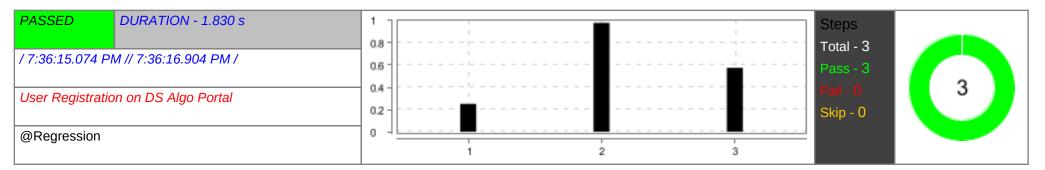
# Verify that user receives error message for mismatched Password and Password Confirmation field during registration



#	Step / Hook Details	Status	Duration
1	Given The user is on the user registration page	PASSED	0.444 s
2	When The user clicks Register button after entering different passwords in Password and Password Confirmation fields 2	PASSED	1.311 s
3	Then The user should be able to see a password warning "password_mismatch:The two password fields didn't match."	PASSED	0.281 s

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

DETAILED SECTION -- 23 --



#	Step / Hook Details	Status	Duration
1	Given The user is on the user registration page	PASSED	0.251 s
2	When The user clicks Register button after entering a valid username, password, and password confirmation in related textboxes 3	PASSED	0.979 s
3	Then The user should be redirected to Home Page of DS Algo with success message	PASSED	0.575 s