Cucumber Report

Mar 24, 2025, 7:59:49 PM

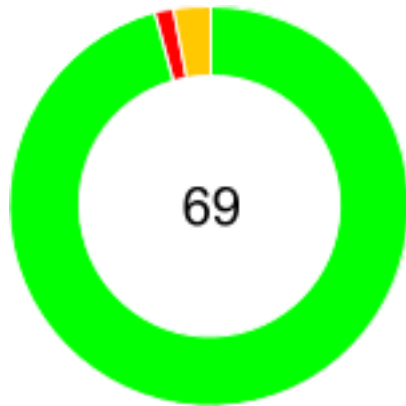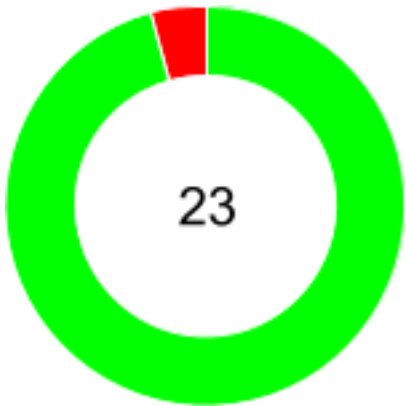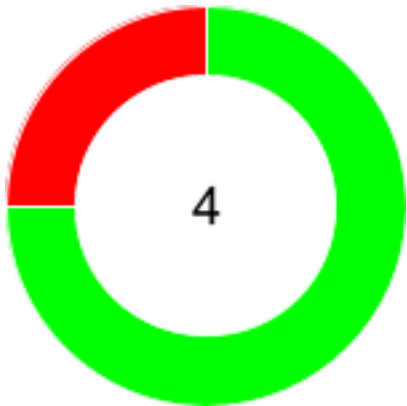| Start : Mar 24, 7:58:42.471 PM	End : Mar 24, 7:59:46.105 PM	Duration : 1 m 3.634 s
Features	Scenarios	Steps
PASSED - 3 FAILED - 1 SKIPPED - 0	PASSED - 22 FAILED - 1 SKIPPED - 0	PASSED - 66 FAILED - 1 SKIPPED - 2

Features: 4

Scenarios: 23

Steps: 69

Pass % — Features: 75 %

Pass % — Scenarios: 95 %

Pass % — Steps: 95 %

Feature		Scenario				Step			
Name	Duration	T	P	F	S	T	P	F	S
Data Structures - Introduction	33.003 s	7	7	0	0	21	21	0	0
Home and DS Algo Portal Navigation and Functionality	13.880 s	4	3	1	0	12	9	1	2
Sign In and Sign Out in dsAlgo Portal	10.840 s	8	8	0	0	24	24	0	0
User Registration	5.665 s	4	4	0	0	12	12	0	0

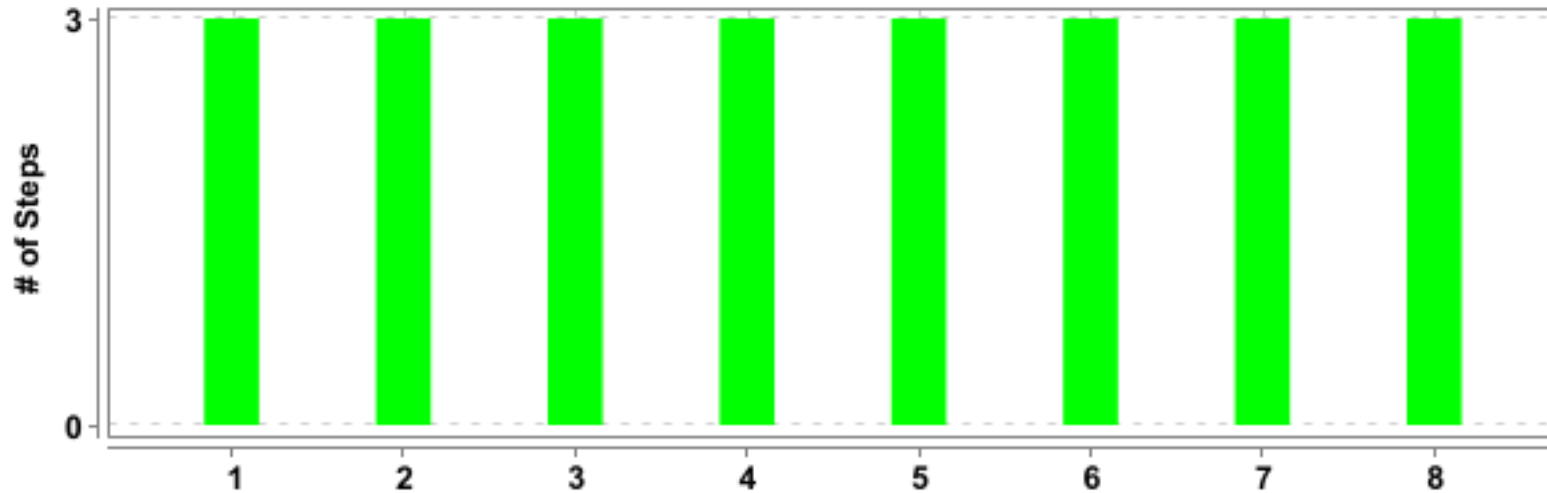| #	Feature Name	Scenario Name
1	*Home and DS Algo Portal Navigation and Functionality*	*Verify that user is able to navigate to Tree Data Structures page*

TAG	Scenario				Feature			
Name	T	P	F	S	T	P	F	S
@ds1	1	1	0	0	1	1	0	0
@Regression	23	22	1	0	4	3	1	0
@ds2	1	1	0	0	1	1	0	0
@ds3	1	1	0	0	1	1	0	0
@ds4	1	1	0	0	1	1	0	0
@ds5	1	1	0	0	1	1	0	0
@ds6	1	1	0	0	1	1	0	0
@ds7	1	1	0	0	1	1	0	0
@home1	1	1	0	0	1	0	1	0
@home2	1	1	0	0	1	0	1	0
@home3	1	0	1	0	1	0	1	0
@home4	1	1	0	0	1	0	1	0
@login1	1	1	0	0	1	1	0	0
@login2	1	1	0	0	1	1	0	0
@login3	1	1	0	0	1	1	0	0
@login4	1	1	0	0	1	1	0	0
@login5	3	3	0	0	1	1	0	0

TAG	Scenario				Feature			
Name	*T*	*P*	*F*	*S*	*T*	*P*	*F*	*S*
@login6	1	1	0	0	1	1	0	0
@register1	1	1	0	0	1	1	0	0
@register2	1	1	0	0	1	1	0	0
@register3	1	1	0	0	1	1	0	0
@register4	1	1	0	0	1	1	0	0
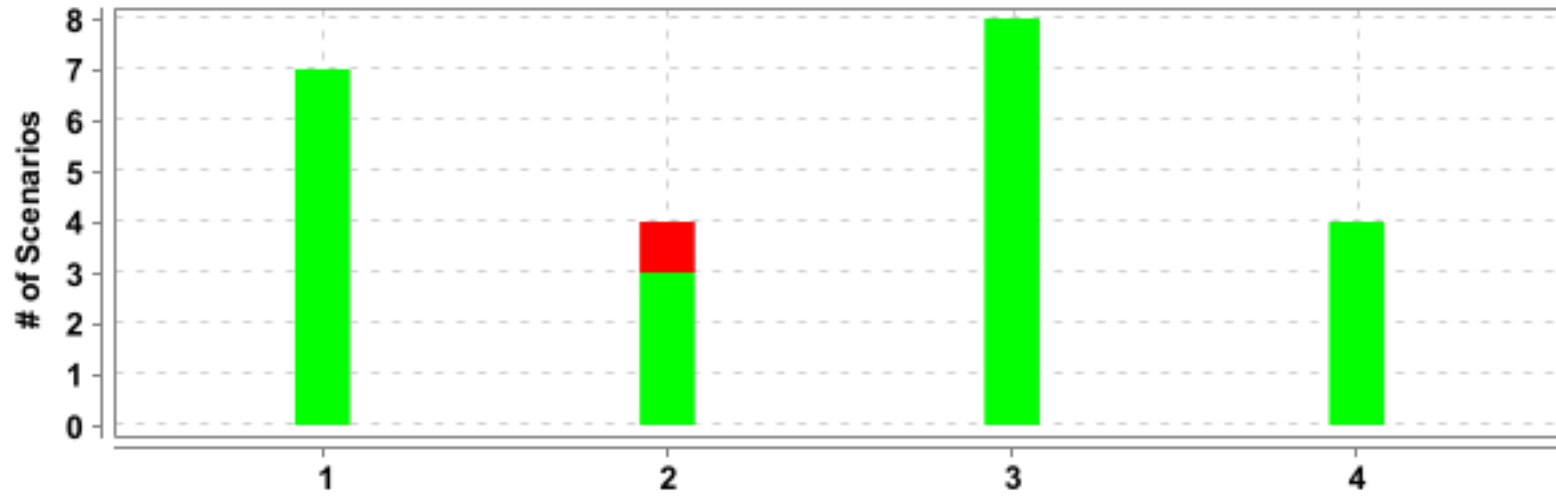
#	Feature Name	T	P	F	S	Duration
1	Data Structures - Introduction	7	7	0	0	33.003 s
2	Home and DS Algo Portal Navigation and Functionality	4	3	1	0	13.880 s
3	Sign In and Sign Out in dsAlgo Portal	8	8	0	0	10.840 s
4	User Registration	4	4	0	0	5.665 s

#	Feature Name	Scenario Name	T	P	F	S	Duration
1	Data Structures - Introduction	Verify that the user can navigate to Data Structures - Introduction page	3	3	0	0	4.784 s
2		Verify that the user is able to navigate to the Time Comlexity Page	3	3	0	0	1.871 s
3		Verify that user is able to navigate to Practice Questions page	3	3	0	0	3.426 s
4		Verify that user is able to navigate to try Editor page	3	3	0	0	3.385 s
5		Verify that user receives error when click on Run button without entering code	3	3	0	0	3.018 s
6		Verify that user receives an error for invalid Python code in Try Editor page of Time Complexity	3	3	0	0	11.844 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	4.046 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	0.759 s
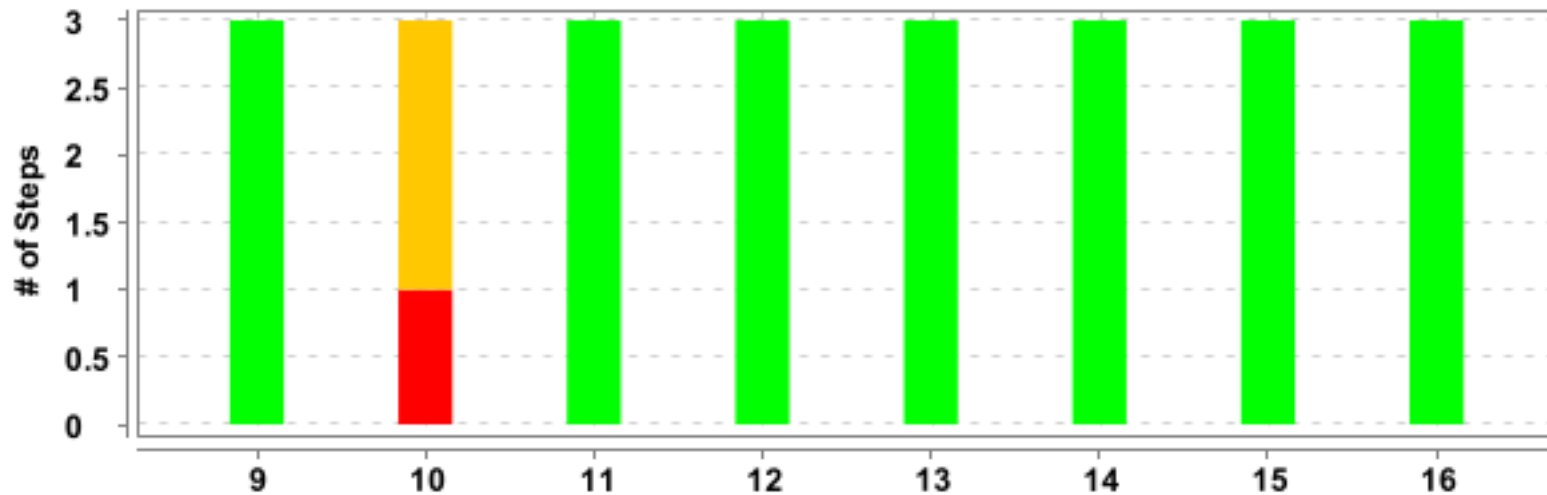
#	Feature Name	Scenario Name	T	P	F	S	Duration
9	Home and DS Algo Portal Navigation and Functionality	Verify that user sees a warning message when selecting Data Structures from the dropdown without Sign in	3	3	0	0	0.943 s
10		Verify that user is able to navigate to Tree Data Structures page	3	0	1	2	10.716 s
11		Verify that user is able to sign out successfully	3	3	0	0	1.311 s
12	Sign In and Sign Out in dsAlgo Portal	Verify that the user can navigate to registration from login	3	3	0	0	0.865 s
13		Verify that user receives an error message for all empty fields during login	3	3	0	0	0.866 s
14		Verify that user receives an error message for empty Password field during login	3	3	0	0	1.155 s
15		Verify that user receives an error message for empty Username field during login	3	3	0	0	0.954 s

#	Feature Name	Scenario Name	T	P	F	S	Duration
16		*Verify that user receives an error message for invalid Username during login*	3	3	0	0	1.682 s
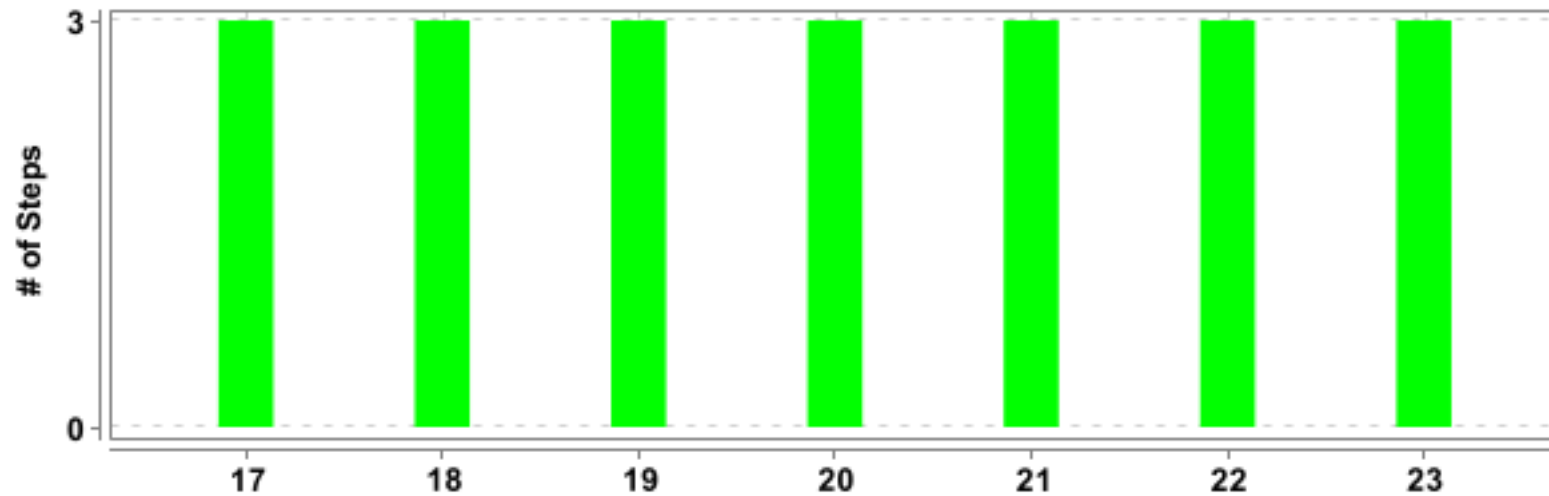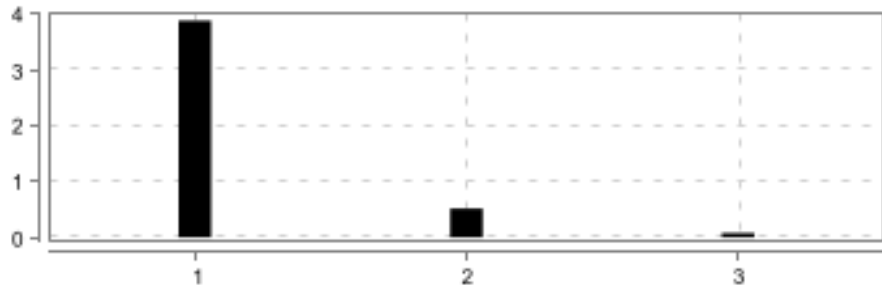
#	Feature Name	Scenario Name	T	P	F	S	Duration
17	Sign In and Sign Out in dsAlgo Portal	Verify that user receives an error message for invalid Username during login	3	3	0	0	1.440 s
18		Verify that user receives an error message for invalid Username during login	3	3	0	0	1.526 s
19		Verify that user is able to land on the Home page after entering valid credentials	3	3	0	0	1.949 s
20	User Registration	Verify that user receives error message for all empty fields during registration	3	3	0	0	0.758 s
21		Verify that user receives error message for empty Username Confirmation field during registration	3	3	0	0	1.745 s
22		Verify that user receives error message for mismatched Password and Password Confirmation field during *	3	3	0	0	1.623 s
23		Verify that user is able to land on Homepage after registration with valid fields	3	3	0	0	1.333 s

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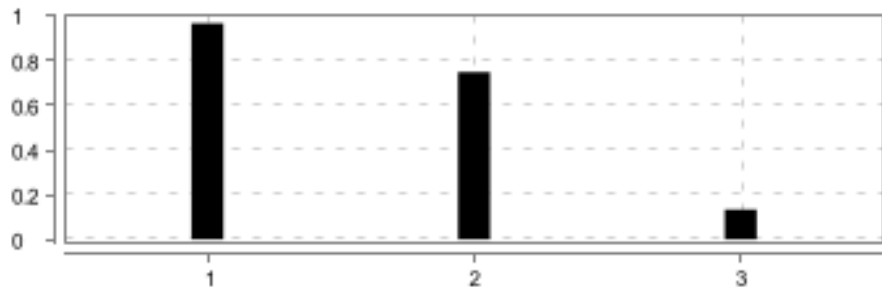
Data Structures - Introduction

PASSED	DURATION - 33.003 s	Scenarios Total - 7 Pass - 7 Fail - 0 Skip - 0	7	Steps Total - 21 Pass - 21 Fail - 0 Skip - 0	21
/ 7:58:42.471 PM // 7:59:15.474 PM /					

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

PASSED	DURATION - 4.784 s		Steps Total - 3 Pass - 3 Fail - 0 Skip - 0	3
/ 7:58:42.485 PM // 7:58:47.269 PM /				
Data Structures - Introduction				
@ds1 @Regression				
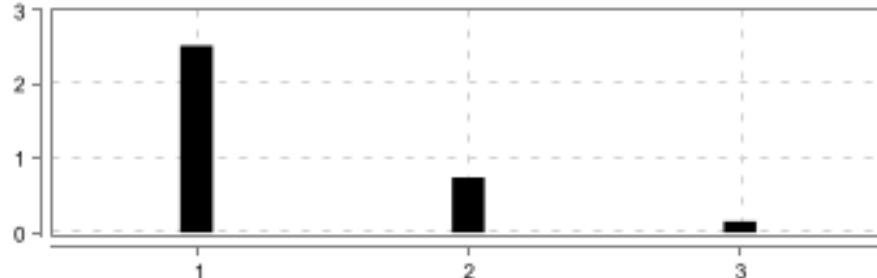
#	Step / Hook Details	Status	Duration
1	Given The user is in the Home page after logged in the DsAlgo portal	PASSED	3.885 s
2	When The user clicks on the Getting Started button in Data Structures Introduction	PASSED	0.515 s
3	Then The user should land in Data Structures Introduction Page	PASSED	0.078 s

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

PASSED	DURATION - 1.871 s		Steps Total - 3 Pass - 3 Fail - 0 Skip - 0	3
/ 7:58:47.381 PM // 7:58:49.252 PM /				
Data Structures - Introduction				
@ds2 @Regression				
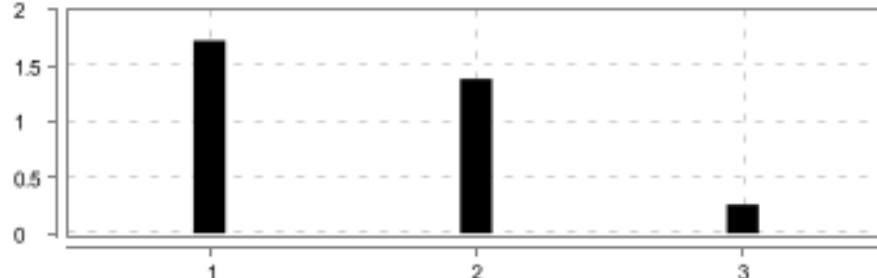
#	Step / Hook Details	Status	Duration
1	Given The user is in the Data Structure Introduction page	PASSED	0.968 s
2	When The user clicks on the Time Complexity link	PASSED	0.749 s
3	Then The user should be able to land on the Time complexity page	PASSED	0.133 s

Verify that user is able to navigate to Practice Questions page

PASSED	DURATION - 3.426 s		Steps	
/ 7:58:49.322 PM // 7:58:52.748 PM /			Total - 3	
Data Structures - Introduction			Pass - 3	
			Fail - 0	
@ds3 @Regression			Skip - 0	
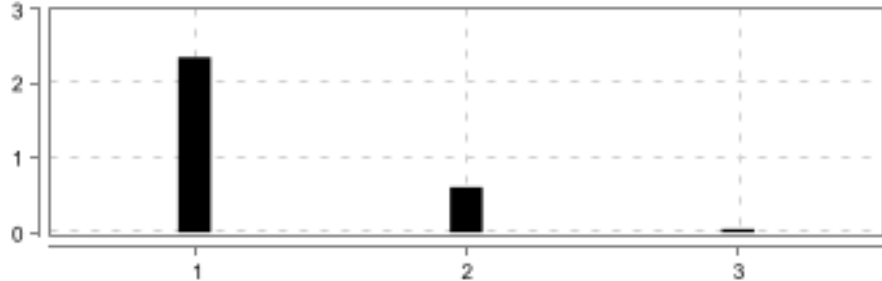
#	Step / Hook Details	Status	Duration
1	Given The user is in the Time Complexity page	PASSED	2.522 s
2	When The user clicks the Practice Questions button	PASSED	0.743 s
3	Then The user should be redirected to Practice Questions of Data structures-Introduction	PASSED	0.150 s

Verify that user is able to navigate to try Editor page

PASSED	DURATION - 3.385 s		Steps	
/ 7:58:52.876 PM // 7:58:56.261 PM /			Total - 3	
Data Structures - Introduction			Pass - 3	
			Fail - 0	
@Regression @ds4			Skip - 0	

#	Step / Hook Details	Status	Duration
1	Given The user is in the Time Complexity page	PASSED	1.726 s
2	When The user clicks Try Here button	PASSED	1.383 s
3	Then The user should be redirected to a page having an try Editor with a Run button to test	PASSED	0.258 s

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

PASSED	DURATION - 3.018 s		Steps
/ 7:58:56.325 PM // 7:58:59.343 PM /			Total - 3
			Pass - 3
Data Structures - Introduction			Fail - 0
			Skip - 0
@Regression @ds5			

#	Step / Hook Details	Status	Duration
1	Given The user is in the tryEditor page.	PASSED	2.355 s
2	When The user clicks the Run Button without entering the code in the Editor	PASSED	0.609 s
3	Then The user should able to see an error message in alert window.	PASSED	0.043 s

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

PASSED	DURATION - 11.844 s		Steps
/ 7:58:59.451 PM // 7:59:11.295 PM /			Total - 3
			Pass - 3
Data Structures - Introduction			Fail - 0
			Skip - 0
@Regression @ds6			

#	Step / Hook Details	Status	Duration
1	Given The user is in the tryEditor page for the Time complexity page	PASSED	2.003 s
2	When The user reads the invalid python code from excel "pythonCode" and 1 and enters in the tryEditor and clicks on Run button	PASSED	9.731 s
3	Then The user should able to see an error message in alert window.	PASSED	0.086 s

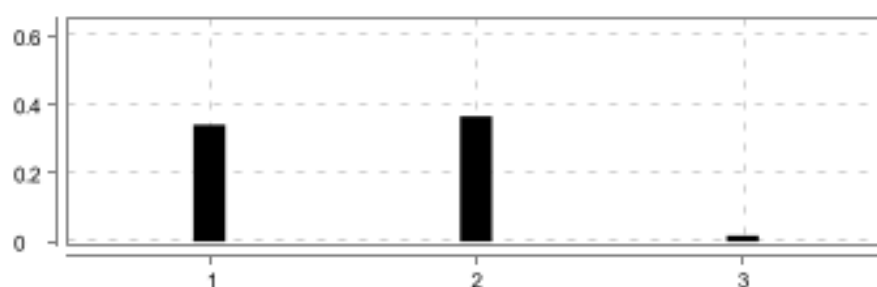### Verify that user is able to see output for valid Python code in Try Editor page of Time Complexity

PASSED	DURATION - 4.046 s

/ 7:59:11.428 PM // 7:59:15.474 PM /

Data Structures - Introduction

@Regression @ds7

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

#	Step / Hook Details	Status	Duration
1	Given The user is in the tryEditor page for the Time complexity page	PASSED	2.033 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	1.907 s
3	Then The user should able to see output in the console.	PASSED	0.072 s

Home and DS Algo Portal Navigation and Functionality

FAILED	DURATION - 13.880 s

/ 7:59:15.547 PM // 7:59:29.427 PM /

Scenarios
Total - 4
Pass - 3
Fail - 1
Skip - 0

Steps
Total - 12
Pass - 9
Fail - 1
Skip - 2
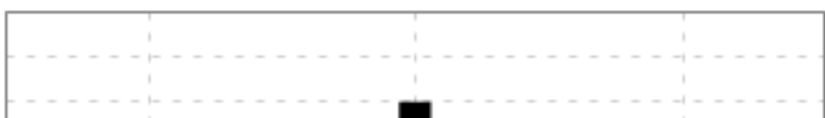
Verify the Home page for a user

PASSED	DURATION - 0.759 s

/ 7:59:15.548 PM // 7:59:16.307 PM /

Home and DS Algo Portal Navigation and Functionality

@Regression @home1

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

#	Step / Hook Details	Status	Duration
1	Given The user is on the DS Algo Portal	PASSED	0.341 s
2	When The user clicks the Get Started button	PASSED	0.366 s

#	Step / Hook Details	Status	Duration
3	Then The user should be navigated to the home page	PASSED	0.017 s

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

PASSED	DURATION - 0.943 s		Steps	
/ 7:59:16.368 PM // 7:59:17.311 PM /			Total - 3	
			Pass - 3	3
Home and DS Algo Portal Navigation and Functionality			Fail - 0	
@Regression @home2			Skip - 0	

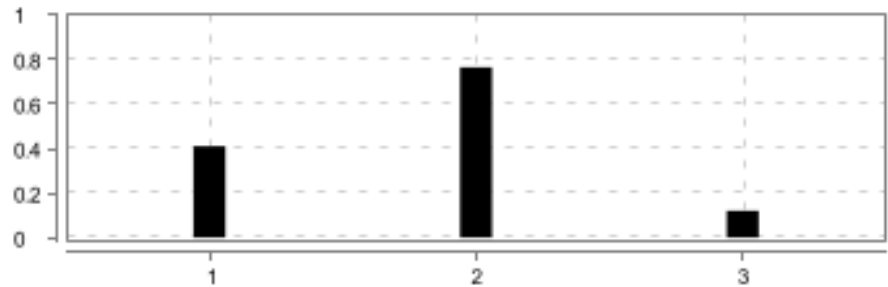| #	Step / Hook Details	Status	Duration
1	Given The user is on the Home page	PASSED	0.207 s
2	When The user selects Tree Data Structures from the drop-down without Sign in	PASSED	0.602 s
3	Then The user should see a warning message	PASSED	0.120 s

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

FAILED	DURATION - 10.716 s		Steps	
/ 7:59:17.350 PM // 7:59:28.066 PM /			Total - 3	
			Pass - 0	3
Home and DS Algo Portal Navigation and Functionality			Fail - 1	
@Regression @home3			Skip - 2	

#	Step / Hook Details	Status	Duration
1	Given The user is on the Home page after signed in	FAILED	10.684 s
	org.openqa.selenium.TimeoutException: Expected condition failed: waiting for element to be clickable: By.xpath: //a[text()='Sign in'] (tried for 10 second(s) with 500 milliseconds interval) 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 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:60802}, networkConnectionEnabled: false, pageLoadStrategy: normal, platformName: WINDOWS, proxy: Proxy(), se:cdp: ws://localhost:60802/devtoo. .., se:cdpVersion: 134.0.6998.118, setWindowRect: true, strictFileInteractability: false, timeouts: {implicit: 0, pageLoad: 300000, script: 30000},		

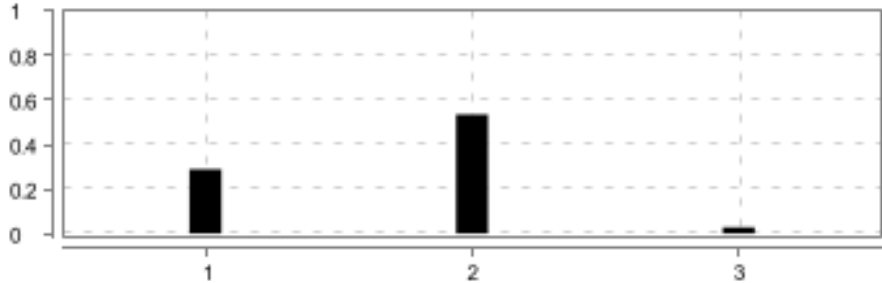| #	Step / Hook Details	Status	Duration

	unhandledPromptBehavior: dismiss and notify, webauthn:extension:credBlob: true, webauthn:extension:largeBlob: true, webauthn:extension:minPinLength: true, webauthn:extension:prf: true, webauthn:virtualAuthenticators: true} Session ID: 0a46f20dee1be4fe2b9166e5a63d0ed3
	    at org.openqa.selenium.support.ui.WebDriverWait.timeoutException(WebDriverWait.java:87)
	    at org.openqa.selenium.support.ui.FluentWait.until(FluentWait.java:231)
	    at pageObjects.homePage.signIn(homePage.java:142)
	    at StepDefinitions.Homestep.the_user_is_on_the_home_page_after_signed_in(Homestep.java:79)
	    at ?.The user is on the Home page after signed in(file:///C:/Users/Ashish/eclipse-workspace/DsAlgoCucumber/src/test/resources/Features/Home.feature:20)
	* Not displayable characters are replaced by '?'.		

2	When The user selects Tree item from the drop-down menu	SKIPPED	0.001 s
3	Then The user should land on the Tree Data Structure page	SKIPPED	0.001 s
	AFTER - StepDefinitions.Hooks.afterstep(io.cucumber.java.Scenario)	FAILED	0.018 s
	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)		

Verify that user is able to sign out successfully

PASSED	DURATION - 1.311 s
/ 7:59:28.116 PM // 7:59:29.427 PM /	
Home and DS Algo Portal Navigation and Functionality	
@home4 @Regression	

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

3

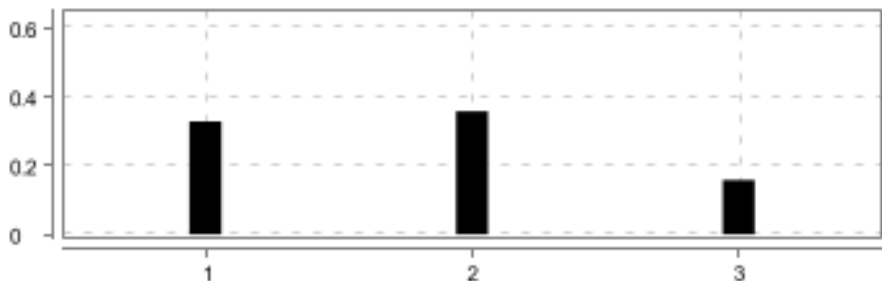| #	Step / Hook Details	Status	Duration
1	Given The user is on the home page after logging in	PASSED	0.411 s
2	When The user clicks Sign out on home page	PASSED	0.766 s
3	Then The user should be redirected to the home page with message "Logged out successfully"	PASSED	0.121 s

Sign In and Sign Out in dsAlgo Portal

PASSED	DURATION - 10.840 s	Scenarios		Steps	
/ 7:59:29.495 PM // 7:59:40.335 PM /		Total - 8 Pass - 8 Fail - 0 Skip - 0	8	Total - 24 Pass - 24 Fail - 0 Skip - 0	24

Verify that the user can navigate to registration from login

PASSED	DURATION - 0.865 s		Steps	
/ 7:59:29.497 PM // 7:59:30.362 PM /			Total - 3 Pass - 3 Fail - 0 Skip - 0	3
Sign In and Sign Out in dsAlgo Portal				
@login1 @Regression				

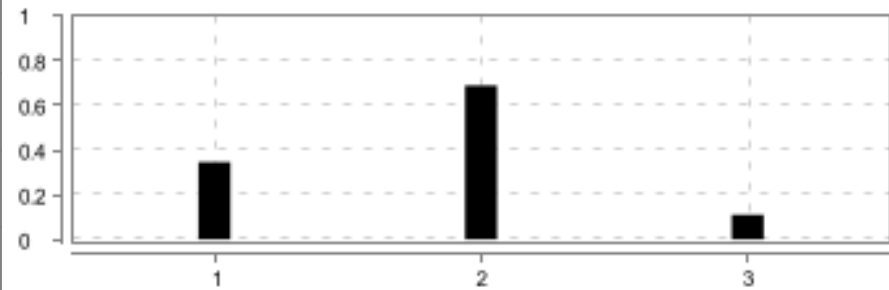| #	Step / Hook Details	Status	Duration
1	Given The user is on the login page	PASSED	0.289 s
2	When The user clicks on the Register link	PASSED	0.535 s
3	Then The user should be redirected to the registration page	PASSED	0.028 s

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

PASSED	DURATION - 0.866 s		Steps	
/ 7:59:30.427 PM // 7:59:31.293 PM /			Total - 3 Pass - 3 Fail - 0 Skip - 0	3
Sign In and Sign Out in dsAlgo Portal				
@login2 @Regression				

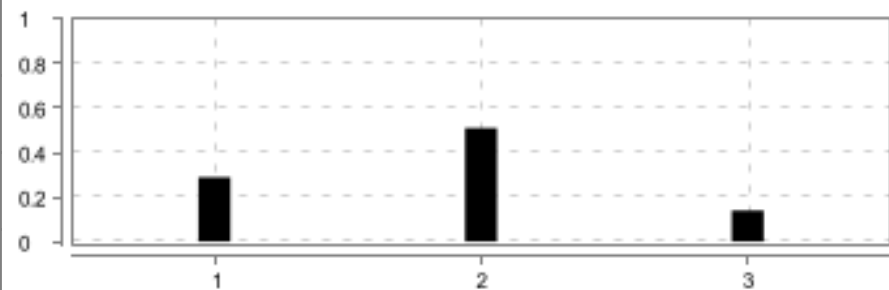| #	Step / Hook Details	Status	Duration
1	Given The user is on the DS Algo Sign in Page	PASSED	0.329 s
2	When The user clicks the login button after leaving the "Username" textbox and "Password" textbox empty	PASSED	0.358 s

#	Step / Hook Details	Status	Duration
3	Then The error message Please fill out this field. appears below Username textbox during login	PASSED	0.158 s

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

PASSED	DURATION - 1.155 s	Steps	
/ 7:59:31.341 PM // 7:59:32.496 PM /		Total - 3	
Sign In and Sign Out in dsAlgo Portal		Pass - 3	
		Fail - 0	
		Skip - 0	
@login3 @Regression			
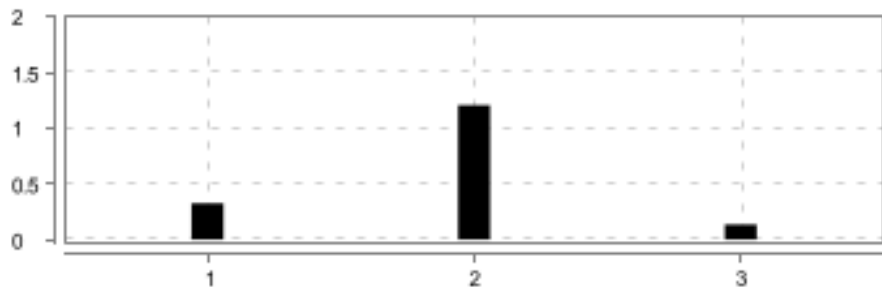
#	Step / Hook Details	Status	Duration
1	Given The user is on the DS Algo Sign in Page	PASSED	0.346 s
2	When The user clicks the login button after entering the "Username" and leaves "Password" textbox empty	PASSED	0.689 s
3	Then The error message Please fill out this field. appears below Password textbox during login	PASSED	0.110 s

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

PASSED	DURATION - 0.954 s	Steps	
/ 7:59:32.552 PM // 7:59:33.506 PM /		Total - 3	
Sign In and Sign Out in dsAlgo Portal		Pass - 3	
		Fail - 0	
		Skip - 0	
@login4 @Regression			
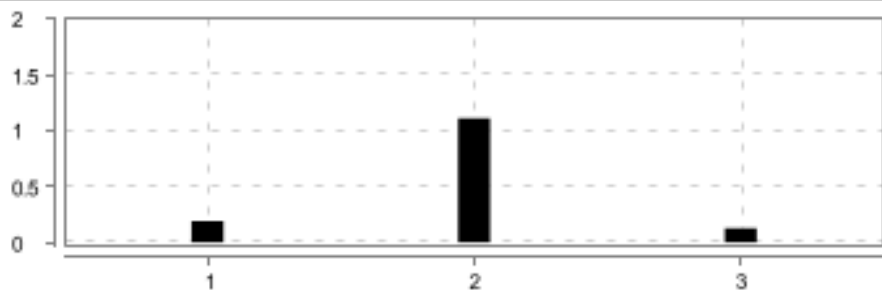
#	Step / Hook Details	Status	Duration
1	Given The user is on the DS Algo Sign in Page	PASSED	0.289 s
2	When The user clicks the login button after entering the Password only	PASSED	0.510 s
3	Then The error message appears below Username textbox	PASSED	0.139 s

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

PASSED	*DURATION - 1.682 s*
/ 7:59:33.620 PM // 7:59:35.302 PM /	
Sign In and Sign Out in dsAlgo Portal	
@login5 @Regression	

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

3
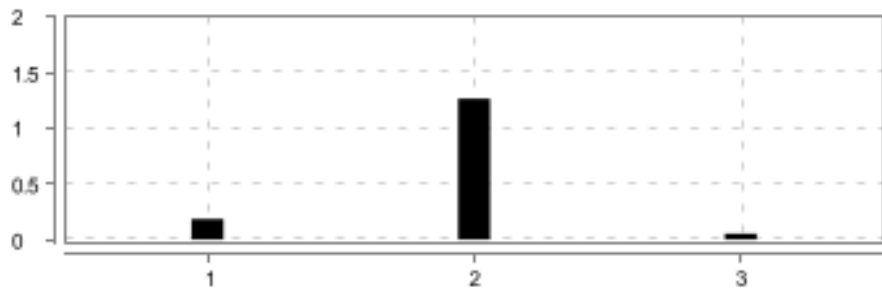
#	Step / Hook Details	Status	Duration
1	Given The user is on the DS Algo Sign in Page	PASSED	0.327 s
2	When The user clicks the login button after entering an invalid username and valid password from excel 1	PASSED	1.207 s
3	Then The user should see an error message "Invalid Username and Password"	PASSED	0.134 s

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

PASSED	*DURATION - 1.440 s*
/ 7:59:35.330 PM // 7:59:36.770 PM /	
Sign In and Sign Out in dsAlgo Portal	
@login5 @Regression	

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

3
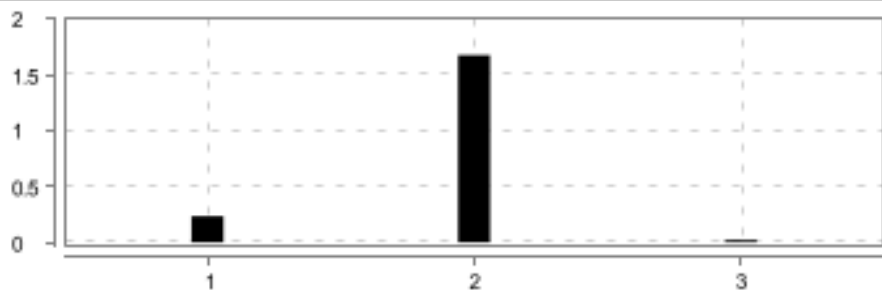
#	Step / Hook Details	Status	Duration
1	Given The user is on the DS Algo Sign in Page	PASSED	0.192 s
2	When The user clicks the login button after entering an invalid username and valid password from excel 2	PASSED	1.111 s
3	Then The user should see an error message "Invalid Username and Password"	PASSED	0.126 s

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

PASSED	DURATION - 1.526 s

/ 7:59:36.799 PM // 7:59:38.325 PM /

Sign In and Sign Out in dsAlgo Portal

@login5 @Regression

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

#	Step / Hook Details	Status	Duration
1	Given The user is on the DS Algo Sign in Page	PASSED	0.185 s
2	When The user clicks the login button after entering an invalid username and valid password from excel 3	PASSED	1.266 s
3	Then The user should see an error message "Invalid Username and Password"	PASSED	0.054 s

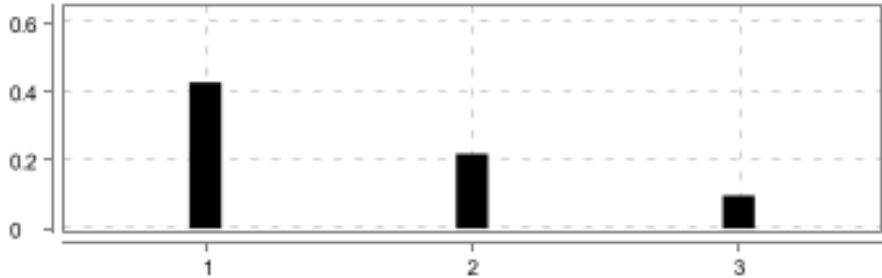## Verify that user is able to land on the Home page after entering valid credentials

PASSED	DURATION - 1.949 s

/ 7:59:38.386 PM // 7:59:40.335 PM /

Sign In and Sign Out in dsAlgo Portal

@Regression @login6

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

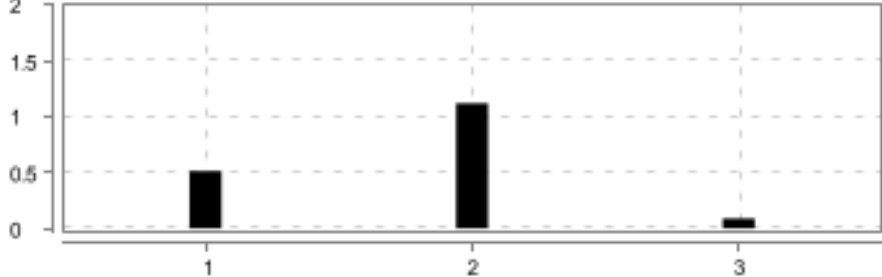| #	Step / Hook Details	Status	Duration
1	Given The user is on the DS Algo Sign in Page	PASSED	0.234 s
2	When The user clicks the login button after entering valid username and valid password from excel 4	PASSED	1.677 s
3	Then The user should land in Data Structure Home Page with message You are logged in	PASSED	0.021 s

User Registration

PASSED	DURATION - 5.665 s		Scenarios Total - 4 Pass - 4 Fail - 0 Skip - 0		Steps Total - 12 Pass - 12 Fail - 0 Skip - 0	
/ 7:59:40.440 PM // 7:59:46.105 PM /						

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

PASSED	DURATION - 0.758 s		Steps Total - 3 Pass - 3 Fail - 0 Skip - 0	
/ 7:59:40.440 PM // 7:59:41.198 PM /				
User Registration				
@Regression @register1				

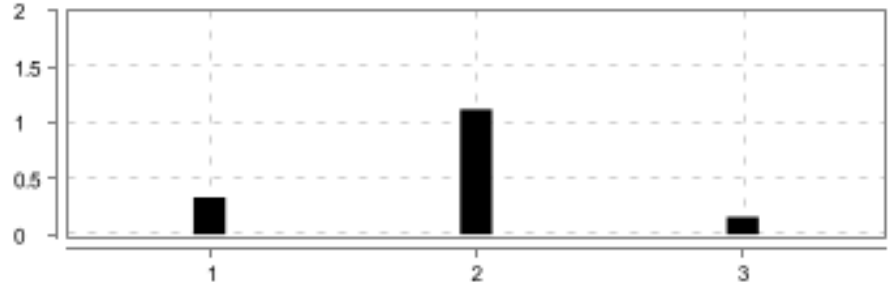| #	Step / Hook Details	Status	Duration
1	Given The user is on the user registration page	PASSED	0.427 s
2	When The user clicks Register button with "username" , "password" and "confirm_password" empty	PASSED	0.218 s
3	Then The error message should be displayed under username	PASSED	0.096 s

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

PASSED	DURATION - 1.745 s		Steps Total - 3 Pass - 3 Fail - 0 Skip - 0	
/ 7:59:41.317 PM // 7:59:43.062 PM /				
User Registration				
@Regression @register2				

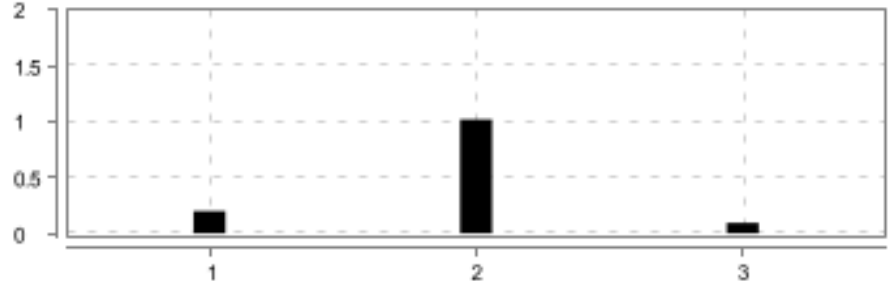| #	Step / Hook Details	Status	Duration
1	Given The user is on the user registration page	PASSED	0.513 s
2	When The user clicks Register button after entering Password and Password Confirmation with Username field empty 1	PASSED	1.121 s

#	Step / Hook Details	Status	Duration
3	Then The error message should be displayed "password_mismatch:The two password fields didn't match."	PASSED	0.087 s

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

PASSED	DURATION - 1.623 s		
/ 7:59:43.128 PM // 7:59:44.751 PM /		Steps	
User Registration		Total - 3 Pass - 3 Fail - 0 Skip - 0	3
@Regression @register3			

#	Step / Hook Details	Status	Duration
1	Given The user is on the user registration page	PASSED	0.332 s
2	When The user clicks Register button after entering different passwords in Password and Password Confirmation fields 2	PASSED	1.120 s
3	Then The user should be able to see a password warning "password_mismatch:The two password fields didn't match."	PASSED	0.156 s

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

PASSED	DURATION - 1.333 s		
/ 7:59:44.772 PM // 7:59:46.105 PM /		Steps	
User Registration		Total - 3 Pass - 3 Fail - 0 Skip - 0	3
@register4 @Regression			

#	Step / Hook Details	Status	Duration
1	Given The user is on the user registration page	PASSED	0.200 s
2	When The user clicks Register button after entering a valid username, password, and password confirmation in related textboxes 3	PASSED	1.020 s
3	Then The user should be redirected to Home Page of DS Algo with success message	PASSED	0.095 s