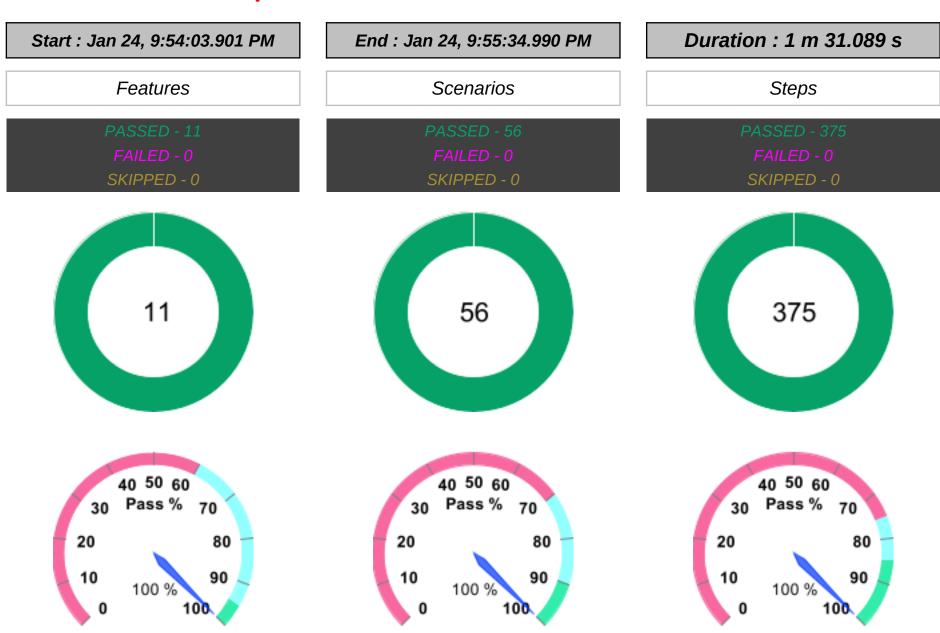
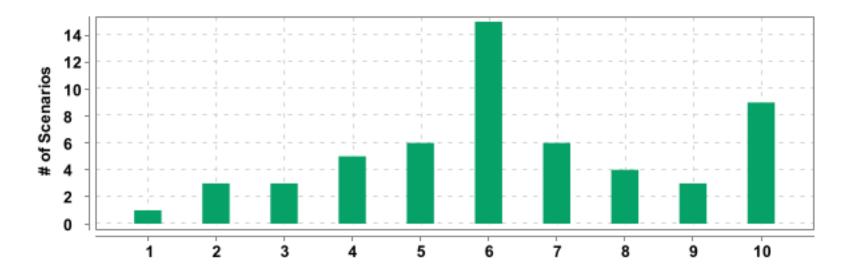
# **Cucumber PDF Report**



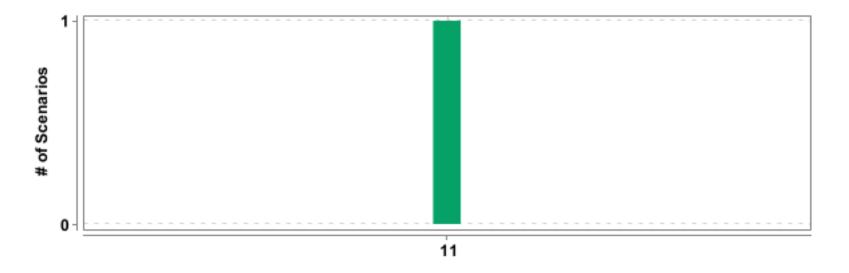
Feature			Scei	nario			Step					
Name	Duration	T	P	F	S	T	P	F	S			
DsAlgo	4.287 s	1	1	0	0	13	13	0	0			
Register	6.805 s	3	3	0	0	17	17	0	0			
Login feature validation	2.012 s	3	3	0	0	14	14	0	0			
Validate different functions in Stack	7.501 s	5	5	0	0	31	31	0	0			
Validate different functions in Queue	8.220 s	6	6	0	0	38	38	0	0			
Validate different functions in Tree	29.378 s	15	15	0	0	121	121	0	0			
Validate different functions in Array	9.585 s	6	6	0	0	40	40	0	0			
Validate different functions in Graph	4.784 s	4	4	0	0	22	22	0	0			
Validate different functions in Data Structures	2.387 s	3	3	0	0	14	14	0	0			
Validate different functions in Linked List	15.538 s	9	9	0	0	62	62	0	0			
Validate signout function	0.282 s	1	1	0	0	3	3	0	0			

FEATURES SUMMARY -- 3 --



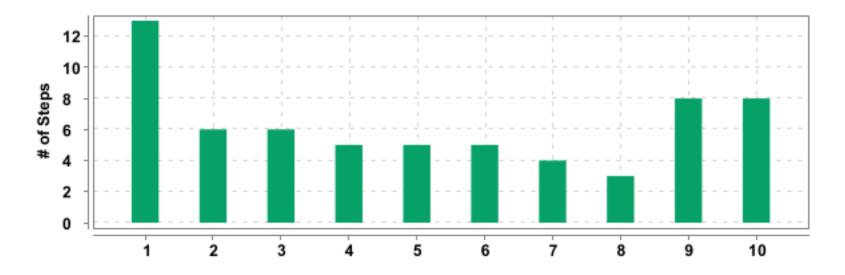
#	Feature Name	T	P	F	S	Duration
1	<u>DsAlgo</u>	1	1	0	0	4.287 s
2	<u>Register</u>	3	3	0	0	6.805 s
3	Login feature validation	3	3	0	0	2.012 s
4	Validate different functions in Stack	5	5	0	0	7.501 s
5	Validate different functions in Queue	6	6	0	0	8.220 s
6	<u>Validate different functions in Tree</u>	15	15	0	0	29.378 s
7	Validate different functions in Array	6	6	0	0	9.585 s
8	Validate different functions in Graph	4	4	0	0	4.784 s
9	Validate different functions in Data Structures	3	3	0	0	2.387 s
10	Validate different functions in Linked List	9	9	0	0	15.538 s

FEATURES SUMMARY -- 4



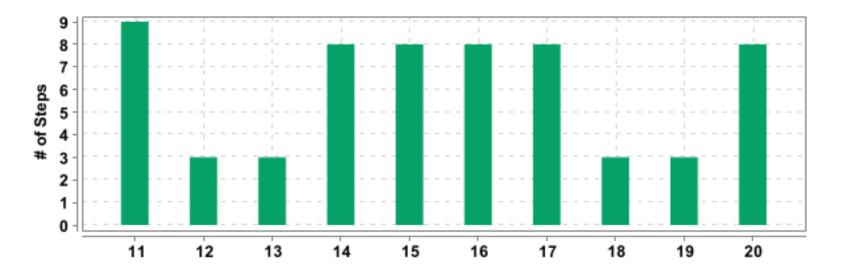
#	Feature Name	T	P	F	S	Duration
11	Validate signout function	1	1	0	0	0.282 s

SCENARIOS SUMMARY -- 5 --



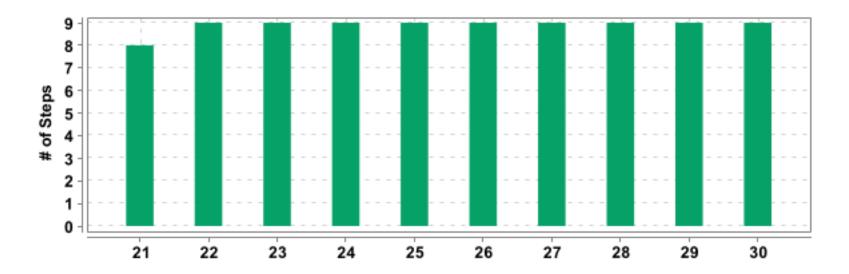
#	Feature Name	Scenario Name	<i>T</i>	P	F	S	Duration
1	<u>DsAlgo</u>	<u>Portal</u>	13	13	0	0	4.283 s
2	Register	Registration Validation	6	6	0	0	1.505 s
3	Register	Registration Validation	6	6	0	0	1.512 s
4	Register	Registration validation with one field blank	5	5	0	0	3.715 s
5	Login feature validation	Login with invalid credentials	5	5	0	0	0.590 s
6	Login feature validation	Login with invalid credentials	5	5	0	0	0.663 s
7	Login feature validation	Login with valid credentials	4	4	0	0	0.701 s
8	Validate different functions in Stack	Validate get started function for stack	3	3	0	0	0.308 s
9	Validate different functions in Stack	Validate "operations in stack" link	8	8	0	0	3.008 s
10	Validate different functions in Stack	Validate "Applications" link	8	8	0	0	1.879 s

SCENARIOS SUMMARY -- 6 --



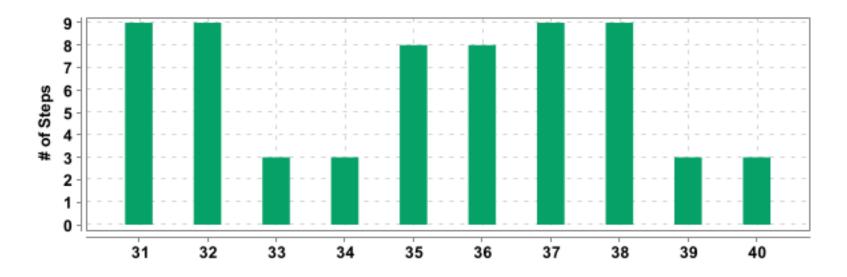
#	Feature Name	Scenario Name	T	P	F	S	Duration
11	Validate different functions in Stack	Vaidate "implimentation" link	9	9	0	0	1.888 s
12	Validate different functions in Stack	Validate "Practice Questions" link	3	3	0	0	0.326 s
13	Validate different functions in Queue	Validate get started function for Queue	3	3	0	0	0.288 s
14	Validate different functions in Queue	Validate "Implementation of Queue in python" link	8	8	0	0	1.929 s
15	Validate different functions in Queue	Validate "Implementation using collections.deque" link	8	8	0	0	1.934 s
16	Validate different functions in Queue	Validate "Implementation using array" link	8	8	0	0	1.890 s
17	Validate different functions in Queue	Validate "Queue operations" link	8	8	0	0	1.863 s
18	Validate different functions in Queue	Validate "Practice Questions" link	3	3	0	0	0.218 s
19	Validate different functions in Tree	Validate get started function for Tree	3	3	0	0	0.376 s
20	Validate different functions in Tree	Validate "Overview of Trees" link	8	8	0	0	2.207 s

SCENARIOS SUMMARY -- 7 --



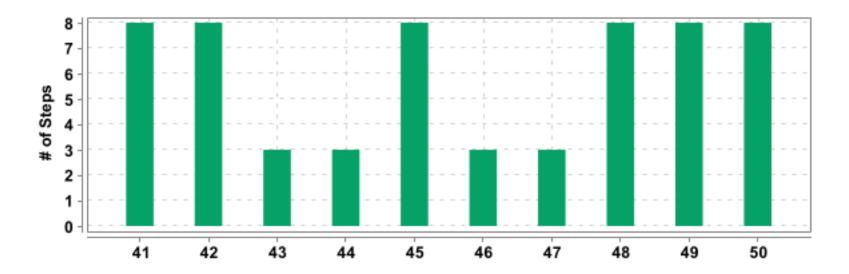
#	Feature Name	Scenario Name	T	P	F	S	Duration
21	Validate different functions in Tree	Validate "Terminologies" link	8	8	0	0	1.981 s
22	Validate different functions in Tree	Vaidate "Types of Trees" link	9	9	0	0	2.022 s
23	Validate different functions in Tree	Vaidate "Tree Traversals" link	9	9	0	0	2.074 s
24	Validate different functions in Tree	Vaidate "Traversals-Illustration" link	9	9	0	0	2.045 s
25	Validate different functions in Tree	Vaidate "Binary Trees" link	9	9	0	0	2.099 s
26	Validate different functions in Tree	Vaidate "Types of Binary Trees" link	9	9	0	0	2.387 s
27	Validate different functions in Tree	Vaidate "Implementation in Python" link	9	9	0	0	2.061 s
28	Validate different functions in Tree	Vaidate "Binary Tree Traversals" link	9	9	0	0	2.118 s
29	Validate different functions in Tree	Vaidate "Implementation of Binary Trees" link	9	9	0	0	2.061 s
30	Validate different functions in Tree	Vaidate "Applications of Binary trees" link	9	9	0	0	2.021 s

SCENARIOS SUMMARY -- 8 --



#	Feature Name	Scenario Name	<b>T</b>	P	F	S	Duration
31	Validate different functions in Tree	Vaidate "Binary Search Trees" link	9	9	0	0	3.284 s
32	Validate different functions in Tree	Vaidate "Implementation Of BST" link	9	9	0	0	2.078 s
33	Validate different functions in Tree	Validate "Practice Questions" link	3	3	0	0	0.272 s
34	Validate different functions in Array	Validate get started function for Array	3	3	0	0	0.290 s
35	Validate different functions in Array	Validate "Arrays in Python" link	8	8	0	0	2.560 s
36	Validate different functions in Array	Validate "Arrays Using List" link	8	8	0	0	2.258 s
37	Validate different functions in Array	Vaidate "Basic Operations in Lists" link	9	9	0	0	2.043 s
38	Validate different functions in Array	Vaidate "Applications of Array" link	9	9	0	0	2.030 s
39	Validate different functions in Array	Validate "Practice Questions" link	3	3	0	0	0.334 s
40	Validate different functions in Graph	Validate get started function for Graph	3	3	0	0	0.309 s

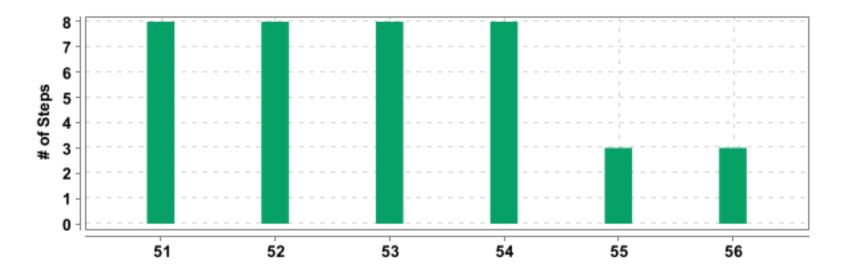
SCENARIOS SUMMARY -- 9 --



#	Feature Name	Scenario Name	T	P	F	S	Duration
41	Validate different functions in Graph	Validate "Graph" link	8	8	0	0	2.149 s
42	Validate different functions in Graph	Validate "Graph Representations" link	8	8	0	0	2.077 s
43	Validate different functions in Graph	Validate "Practice Questions" link	3	3	0	0	0.207 s
44	Validate different functions in Data Structures	Validate get started function for Data Structures	3	3	0	0	0.199 s
45	Validate different functions in Data Structures	Validate "Time Complexity" link	8	8	0	0	1.946 s
46	Validate different functions in Data Structures	Validate "Practice Questions" link	3	3	0	0	0.213 s
47	Validate different functions in Linked List	Validate get started function for Linked List	3	3	0	0	0.489 s
48	Validate different functions in Linked List	Validate "Introduction" link	8	8	0	0	2.224 s
49	Validate different functions in Linked List	Validate "Creating Linked LIst" link	8	8	0	0	2.028 s

#	#	Feature Name	Scenario Name	T	P	F	S	Duration
5	50	Validate different functions in Linked List	Validate "Types of Linked List" link	8	8	0	0	2.165 s

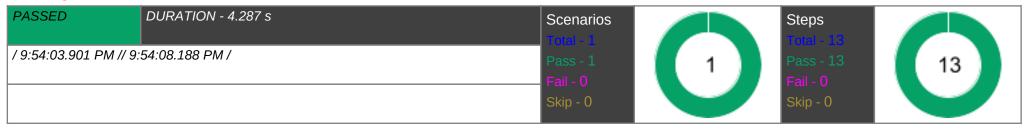
SCENARIOS SUMMARY -- 11 --



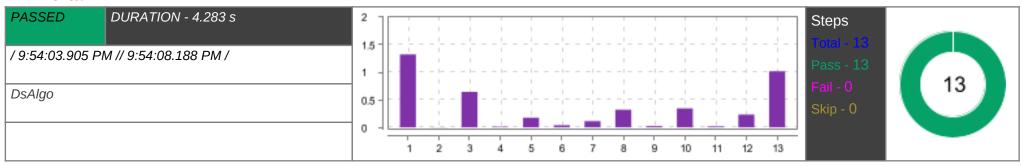
#	Feature Name	Scenario Name	T	P	F	S	Duration
51	Validate different functions in Linked List	Validate "Implement Linked List in Python" link	8	8	0	0	2.072 s
52	Validate different functions in Linked List	Validate "Traversal" link	8	8	0	0	2.178 s
53	Validate different functions in Linked List	Validate "Insertion" link	8	8	0	0	2.043 s
54	Validate different functions in Linked List	Validate "Deletion" link	8	8	0	0	2.019 s
55	Validate different functions in Linked List	Validate "Practice Questions" link	3	3	0	0	0.195 s
56	Validate signout function	Logout Validation	3	3	0	0	0.282 s

DETAILED SECTION -- 12 --

## **DsAlgo**



#### **Portal**



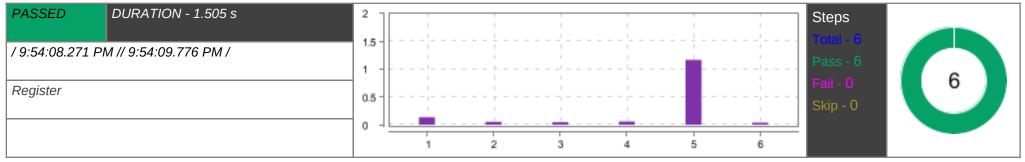
#	Step / Hook Details	Status	Duration
1	Given The user enter url "https://dsportalapp.herokuapp.com/"	PASSED	1.322 s
2	When The user should land in DS Algo portal page	PASSED	0.002 s
3	When The user clicks the "Get Started" button	PASSED	0.643 s
4	Then The user should be in homepage	PASSED	0.012 s
5	Then The user should see 6 panels with different data structures	PASSED	0.174 s
6	When The user clicks "Data Structures" drop down	PASSED	0.040 s
7	Then The user should see 6 different data structure entries in that dropdown	PASSED	0.114 s
8	When The user clicks any of the "Get Started" buttons below the data structures	PASSED	0.320 s
9	Then It should alert the user with a message "You are not logged in"	PASSED	0.023 s
10	When The user selects any data structures item from the drop down without Sign in	PASSED	0.343 s
11	Then It should alert the user with a message "You are not logged in"	PASSED	0.019 s
12	When The user clicks "Register"	PASSED	0.231 s
13	Then The user should be in Register form	PASSED	1.017 s

## Register

DETAILED SECTION -- 13 --

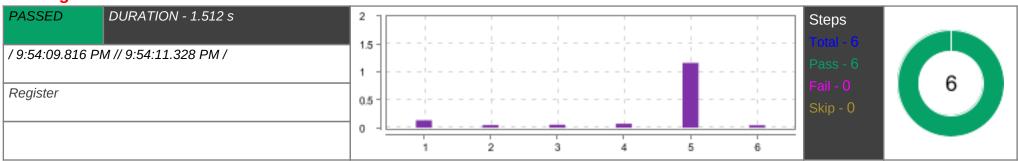
PASSED	DURATION - 6.805 s	Scenarios		Steps	
/ 9:54:08.270 PM // 9	:54:15.075 PM /	Total - 3 Pass - 3	3	Total - 17 Pass - 17	17
		Fail - 0 Skip - 0	C	Fail - 0 Skip - 0	

### **Registration Validation**



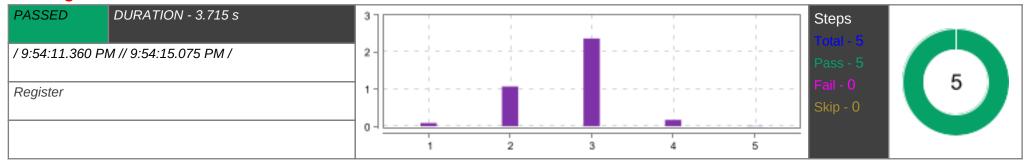
#	Step / Hook Details	Status	Duration
1	Given The user opens browser and enter url "https://dsportalapp.herokuapp.com/register"	PASSED	0.136 s
2	When user type username as Tom Jerry	PASSED	0.053 s
3	And type password as tomj@22	PASSED	0.046 s
4	And confirmpassword as tomje@22	PASSED	0.060 s
5	And user click on register button	PASSED	1.166 s
6	Then user should be able to see message "password_mismatch:The two password fields didn't match."	PASSED	0.038 s

### **Registration Validation**



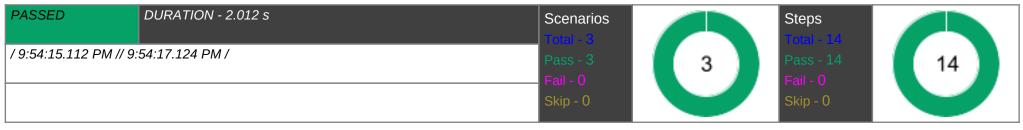
#	Step / Hook Details	Status	Duration
1	Given The user opens browser and enter url "https://dsportalapp.herokuapp.com/register"	PASSED	0.131 s
2	When user type username as Sreeja	PASSED	0.048 s
3	And type password as tomjerry@22	PASSED	0.054 s
4	And confirmpassword as tomjerry@22	PASSED	0.071 s
5	And user click on register button	PASSED	1.161 s
6	Then user should be able to see message "password_mismatch:The two password fields didn't match."	PASSED	0.044 s

### **Registration validation with one field blank**



#	Step / Hook Details	Status	Duration
1	When user type username and password	PASSED	0.089 s
	Sreeja tomjerry@22		
2	And user click on register button	PASSED	1.072 s
3	Then user should see "Please fill out this field."	PASSED	2.367 s
4	When user clicks on login instead link	PASSED	0.170 s
5	Then user should be redirected to login page	PASSED	0.008 s

## **Login feature validation**



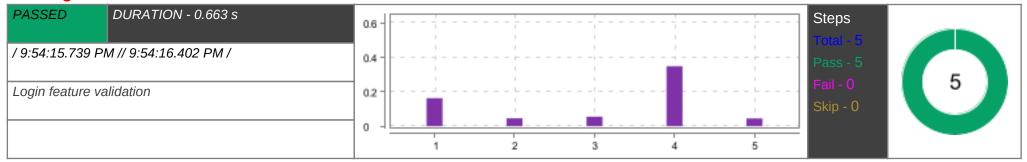
DETAILED SECTION -- 15 --

## **Login with invalid credentials**

PASSED DURATION - 0.590 s	0.6 -				Steps	
/ 9:54:15.113 PM // 9:54:15.703 PM /	0.4 -				Pass - 5	
Login feature validation	0.2 -				Fail - 0 Skip - 0	5
	0 -	1 2	3	4 5	Ciup C	

#	Step / Hook Details	Status	Duration
1	Given The user opens browser and enter url "https://dsportalapp.herokuapp.com/login"	PASSED	0.142 s
2	When the user enter username as sree	PASSED	0.060 s
3	And password as tomjerry@22	PASSED	0.053 s
4	And click on login button	PASSED	0.278 s
5	Then It should display an error "Invalid Username and Password"	PASSED	0.053 s

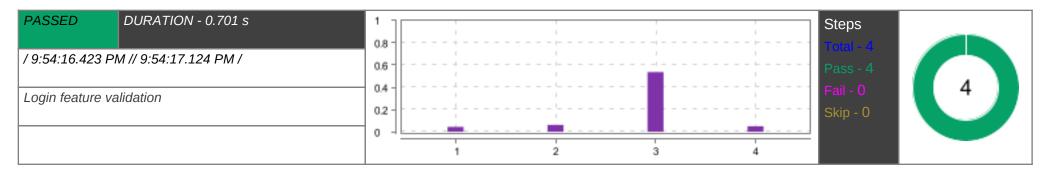
# **Login with invalid credentials**



#	Step / Hook Details	Status	Duration
1	Given The user opens browser and enter url "https://dsportalapp.herokuapp.com/login"	PASSED	0.163 s
2	When the user enter username as Sreeja	PASSED	0.046 s
3	And password as tomjerry22	PASSED	0.055 s
4	And click on login button	PASSED	0.349 s
5	Then It should display an error "Invalid Username and Password"	PASSED	0.045 s

## **Login with valid credentials**

DETAILED SECTION -- 16 --

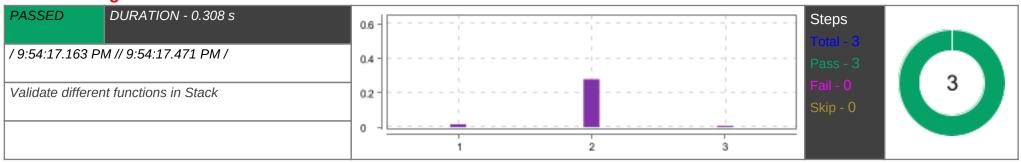


#	Step / Hook Details	Status	Duration
1	When the user enter username as	PASSED	0.044 s
	Sreeja		
2	And password as	PASSED	0.062 s
	tomjerry@22		
3	And click on login button	PASSED	0.536 s
4	Then the user should be able to see "You are logged in" and username on the top righthand side	PASSED	0.050 s

### **Validate different functions in Stack**

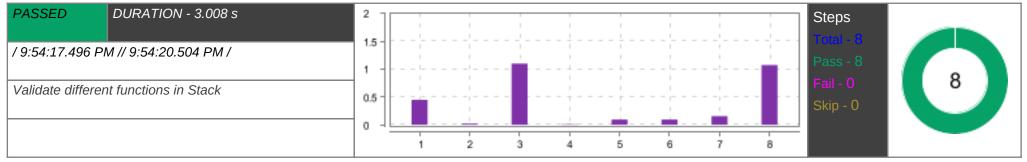
PASSED	DURATION - 7.501 s	Scenarios		Steps	
		Total - 5		Total - 31	
/ 9:54:17.163 PM	1 // 9:54:24.664 PM /	Pass - 5	5	Pass - 31	31
		Fail - 0		Fail - 0	31
		Skip - 0		Skip - 0	

## Validate get started function for stack



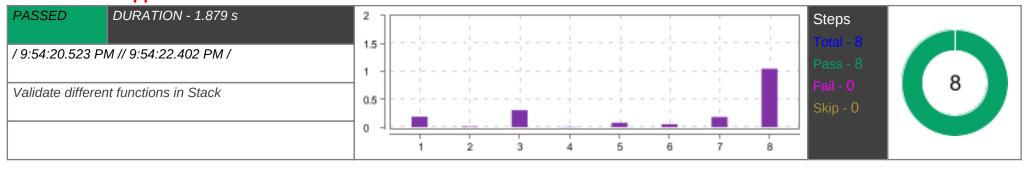
#	Step / Hook Details	Status	Duration
1	Given user should be in homepage logged in url "https://dsportalapp.herokuapp.com/home"	PASSED	0.017 s
2	When user clicks on "Get started" button under stack	PASSED	0.279 s
3	Then user should be in stack page	PASSED	0.008 s

### Validate "operations in stack" link



#	Step / Hook Details	Status	Duration
1	When user clicks on the link "Operations in Stack"	PASSED	0.449 s
2	Then user should be redirected to "Operations in Stack" page	PASSED	0.020 s
3	When user clicks on "Try here" button	PASSED	1.100 s
4	Then user should be able to see text box	PASSED	0.008 s
5	When user gives input as pycode	PASSED	0.095 s
	print ("Hello Stack")		
6	And hit run	PASSED	0.095 s
7	Then user should be able to see that in the output	PASSED	0.156 s
8	And user should be able to navigate back	PASSED	1.073 s

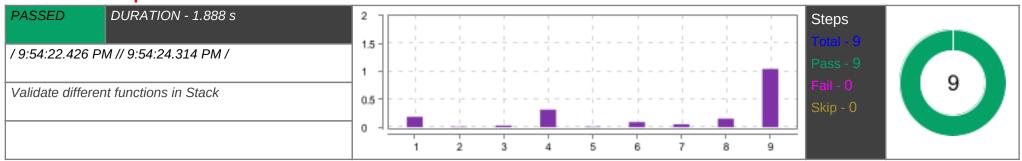
## Validate "Applications" link



DETAILED SECTION -- 18 --

#	Step / Hook Details	Status	Duration
1	When user clicks on the link "Applications"	PASSED	0.187 s
2	Then user should be redirected to "Applications" page	PASSED	0.011 s
3	When user clicks on "Try here" button	PASSED	0.304 s
4	Then user should be able to see text box	PASSED	0.007 s
5	When user gives input as pycode	PASSED	0.078 s
	print ("Hello Stack")		
6	And hit run	PASSED	0.053 s
7	Then user should be able to see that in the output	PASSED	0.182 s
8	And user should be able to navigate back	PASSED	1.046 s

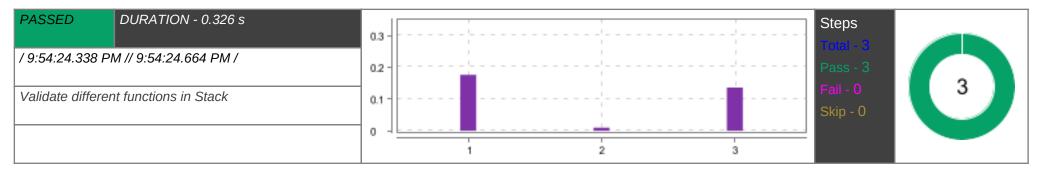
# Vaidate "implimentation" link



#	Step / Hook Details	Status	Duration
1	When user clicks on the link "Implementation"	PASSED	0.185 s
2	Then user should be redirected to "Implementation" page	PASSED	0.009 s
3	And user should be able to see "Try here" button	PASSED	0.028 s
4	When user clicks on "Try here" button	PASSED	0.313 s
5	Then user should be able to see text box	PASSED	0.008 s
6	When user gives input as pycode	PASSED	0.090 s
	print ("Hello Stack")		
7	And hit run	PASSED	0.052 s
8	Then user should be able to see that in the output	PASSED	0.153 s
9	And user should be able to navigate back	PASSED	1.045 s

# Validate "Practice Questions" link

DETAILED SECTION -- 19 --

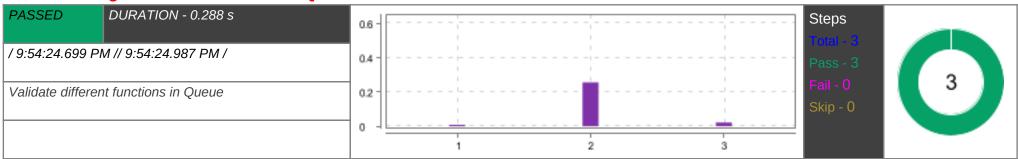


#	Step / Hook Details	Status	Duration
1	When user clicks on stack Practice Questions	PASSED	0.176 s
2	Then user should be redirected to "Practice Questions" page	PASSED	0.010 s
3	And user should be able to navigate back from stack to home page	PASSED	0.136 s

## **Validate different functions in Queue**

PASSED	DURATION - 8.220 s	Scenarios		Steps	
/ 9:54:24.698 PM // 9	9:54:32.918 PM /	Pass - 6	6	Total - 38  Pass - 38	38
		Fail - 0		Fail - 0	
		Skip - 0		Skip - 0	

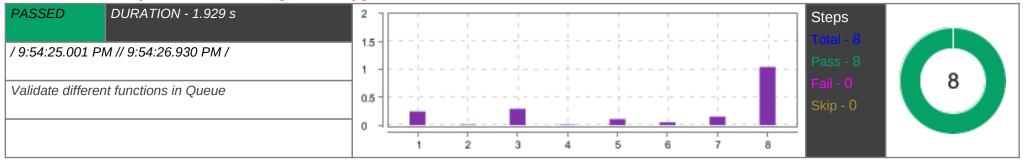
### Validate get started function for Queue



#	Step / Hook Details	Status	Duration
1	Given user should be in homepage logged in url "https://dsportalapp.herokuapp.com/home"	PASSED	0.009 s
2	When user clicks on "Get started" button under Queue	PASSED	0.256 s

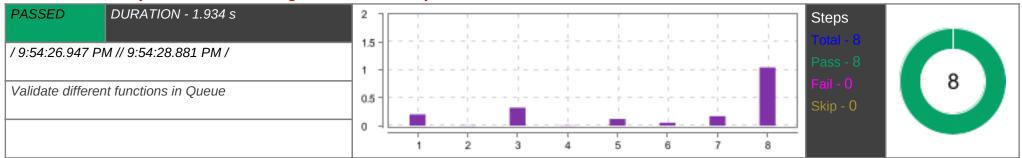
#		Status	Duration
3	Then user should be in "Queue" page	PASSED	0.022 s

### **Validate "Implementation of Queue in python" link**



#	Step / Hook Details	Status	Duration
1	When user clicks on the link "Implementation of Queue in Python"	PASSED	0.246 s
2	Then user should be redirected to "Implementation of Queue in Python" page	PASSED	0.012 s
3	When user clicks on "Try here" button	PASSED	0.292 s
4	Then user should be able to see text box	PASSED	0.011 s
5	When user gives input as pycode	PASSED	0.108 s
	print ("Hello implementation list")		
6	And hit run	PASSED	0.054 s
7	Then user should be able to see that in the output	PASSED	0.154 s
8	And user should be able to navigate back	PASSED	1.045 s

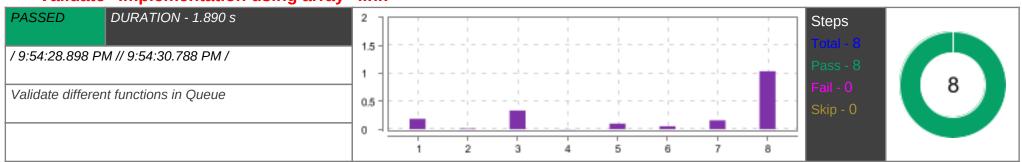
## Validate "Implementation using collections.deque" link



DETAILED SECTION -- 21 --

#	Step / Hook Details	Status	Duration
1	When user clicks on the link "Implementation using collections.deque"	PASSED	0.201 s
2	Then user should be redirected to "Implementation using collections.deque" page	PASSED	0.007 s
3	When user clicks on "Try here" button	PASSED	0.323 s
4	Then user should be able to see text box	PASSED	0.007 s
5	When user gives input as pycode	PASSED	0.121 s
	print ("Hello implementation collections")		
6	And hit run	PASSED	0.053 s
7	Then user should be able to see that in the output	PASSED	0.169 s
8	And user should be able to navigate back	PASSED	1.044 s

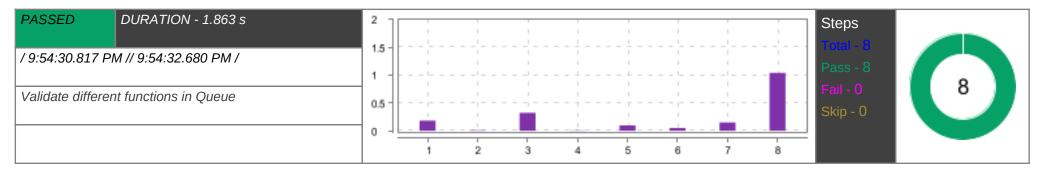
# Validate "Implementation using array" link



#	Step / Hook Details	Status	Duration
1	When user clicks on the link "Implementation using array"	PASSED	0.186 s
2	Then user should be redirected to "Implementation using array" page	PASSED	0.012 s
3	When user clicks on "Try here" button	PASSED	0.334 s
4	Then user should be able to see text box	PASSED	0.004 s
5	When user gives input as pycode	PASSED	0.099 s
	print ("Hello implementation array")		
6	And hit run	PASSED	0.052 s
7	Then user should be able to see that in the output	PASSED	0.157 s
8	And user should be able to navigate back	PASSED	1.038 s

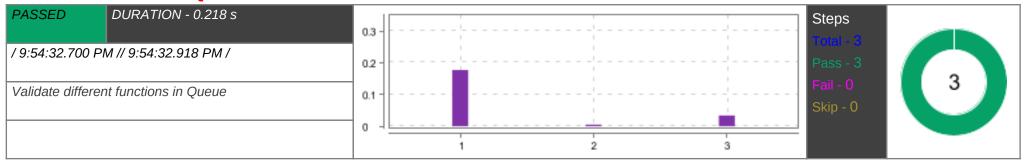
# Validate "Queue operations" link

DETAILED SECTION -- 22 --



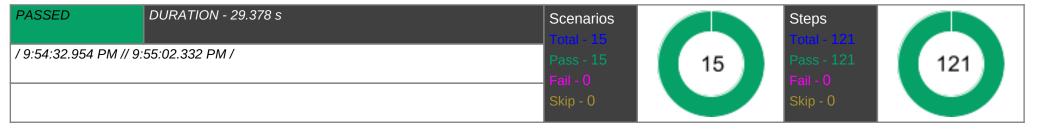
#	Step / Hook Details	Status	Duration
1	When user clicks on the link "Queue Operations"	PASSED	0.181 s
2	Then user should be redirected to "Queue Operations" page	PASSED	0.008 s
3	When user clicks on "Try here" button	PASSED	0.323 s
4	Then user should be able to see text box	PASSED	0.006 s
5	When user gives input as pycode	PASSED	0.098 s
	print ("Hello implementation Operations")		
6	And hit run	PASSED	0.049 s
7	Then user should be able to see that in the output	PASSED	0.149 s
8	And user should be able to navigate back	PASSED	1.042 s

### **Validate "Practice Questions" link**

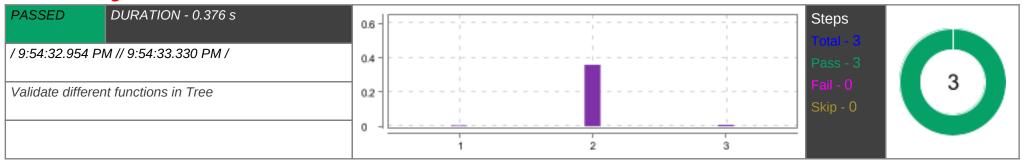


#	Step / Hook Details	Status	Duration
1	When user clicks on Queue "Practice Questions"	PASSED	0.177 s
2	Then user should be redirected to "Practice Questions" page	PASSED	0.005 s
3	And user should be navigate back from queue to home page	PASSED	0.034 s

#### Validate different functions in Tree

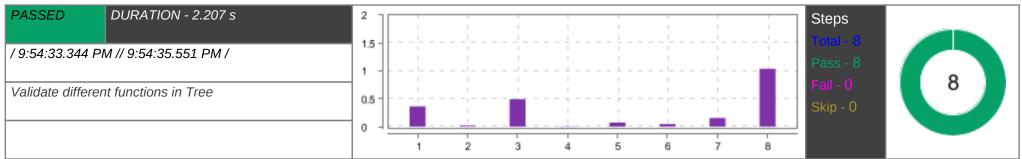


#### Validate get started function for Tree



#	Step / Hook Details	Status	Duration
1	Given user should be in homepage logged in url "https://dsportalapp.herokuapp.com/home"	PASSED	0.005 s
2	When user clicks on "Get started" button under Tree	PASSED	0.359 s
3	Then user should be in Tree page	PASSED	0.009 s

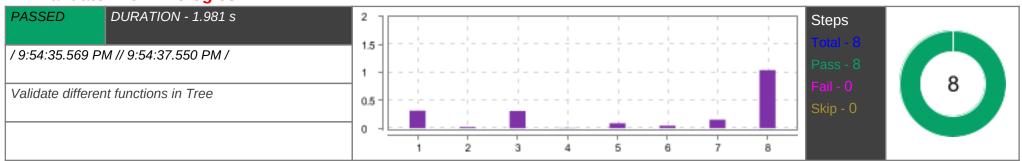
#### **Validate "Overview of Trees" link**



DETAILED SECTION -- 24 --

#	Step / Hook Details	Status	Duration
1	When user clicks on the link "Overview of Trees"	PASSED	0.364 s
2	Then user should be redirected to "Overview of Trees" page	PASSED	0.017 s
3	When user clicks on "Try here" button	PASSED	0.493 s
4	Then user should be able to see text box	PASSED	0.007 s
5	When user gives input as pycode	PASSED	0.073 s
	print ("Hello Tree")		
6	And hit run	PASSED	0.048 s
7	Then user should be able to see that in the output	PASSED	0.156 s
8	And user should be able to navigate back	PASSED	1.038 s

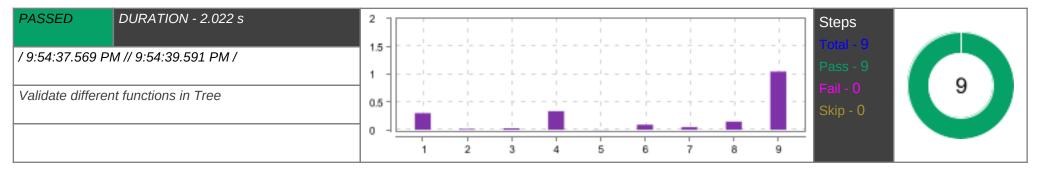
# Validate "Terminologies" link



#	Step / Hook Details	Status	Duration
1	When user clicks on the link "Terminologies"	PASSED	0.314 s
2	Then user should be redirected to "Terminologies" page	PASSED	0.020 s
3	When user clicks on "Try here" button	PASSED	0.309 s
4	Then user should be able to see text box	PASSED	0.005 s
5	When user gives input as pycode	PASSED	0.087 s
	print ("Hello Terminologies")		
6	And hit run	PASSED	0.045 s
7	Then user should be able to see that in the output	PASSED	0.154 s
8	And user should be able to navigate back	PASSED	1.041 s

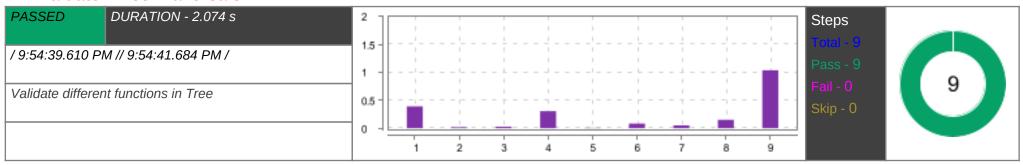
# Vaidate "Types of Trees" link

DETAILED SECTION -- 25 --



#	Step / Hook Details	Status	Duration
1	When user clicks on the link "Types of Trees"	PASSED	0.299 s
2	Then user should be redirected to "Types of Trees" page	PASSED	0.016 s
3	And user should be able to see "Try here" button	PASSED	0.027 s
4	When user clicks on "Try here" button	PASSED	0.333 s
5	Then user should be able to see text box	PASSED	0.004 s
6	When user gives input as pycode	PASSED	0.091 s
	print ("Hello Types of Trees")		
7	And hit run	PASSED	0.048 s
8	Then user should be able to see that in the output	PASSED	0.148 s
9	And user should be able to navigate back	PASSED	1.046 s

#### Vaidate "Tree Traversals" link

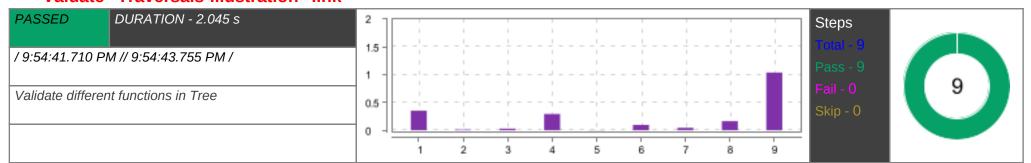


#	Step / Hook Details	Status	Duration
1	When user clicks on the link "Tree Traversals"	PASSED	0.391 s
2	Then user should be redirected to "Tree Traversals" page	PASSED	0.019 s
3	And user should be able to see "Try here" button	PASSED	0.026 s

DETAILED SECTION -- 26 --

#	Step / Hook Details	Status	Duration
4	When user clicks on "Try here" button	PASSED	0.305 s
5	Then user should be able to see text box	PASSED	0.006 s
6	When user gives input as pycode	PASSED	0.082 s
	print ("Hello Tree Traversals")		
7	And hit run	PASSED	0.050 s
8	Then user should be able to see that in the output	PASSED	0.149 s
9	And user should be able to navigate back	PASSED	1.039 s

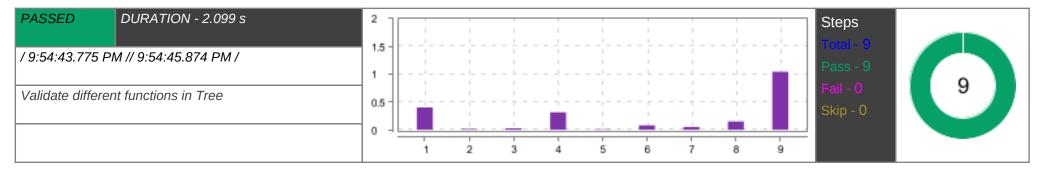
### Vaidate "Traversals-Illustration" link



#	Step / Hook Details	Status	Duration
1	When user clicks on the link "Traversals-Illustration"	PASSED	0.353 s
2	Then user should be redirected to "Traversals-Illustration" page	PASSED	0.013 s
3	And user should be able to see "Try here" button	PASSED	0.028 s
4	When user clicks on "Try here" button	PASSED	0.292 s
5	Then user should be able to see text box	PASSED	0.004 s
6	When user gives input as pycode	PASSED	0.097 s
	print ("Hello Traversals-Illustration")		
7	And hit run	PASSED	0.045 s
8	Then user should be able to see that in the output	PASSED	0.164 s
9	And user should be able to navigate back	PASSED	1.039 s

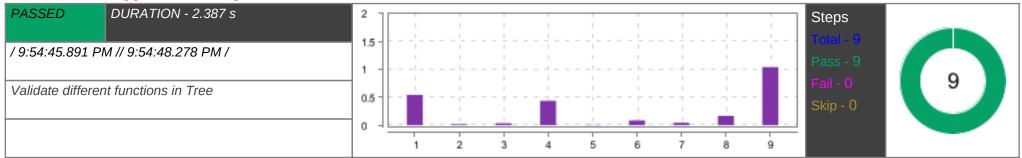
## **Vaidate "Binary Trees" link**

DETAILED SECTION -- 27 --



#	Step / Hook Details	Status	Duration
1	When user clicks on the link "Binary Trees"	PASSED	0.403 s
2	Then user should be redirected to "Binary Trees" page	PASSED	0.014 s
3	And user should be able to see "Try here" button	PASSED	0.027 s
4	When user clicks on "Try here" button	PASSED	0.314 s
5	Then user should be able to see text box	PASSED	0.008 s
6	When user gives input as pycode	PASSED	0.078 s
	print ("Hello Binary Trees")		
7	And hit run	PASSED	0.050 s
8	Then user should be able to see that in the output	PASSED	0.151 s
9	And user should be able to navigate back	PASSED	1.045 s

## **Vaidate "Types of Binary Trees" link**

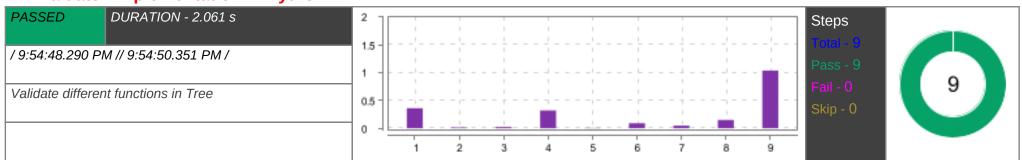


#	Step / Hook Details	Status	Duration
1	When user clicks on the link "Types of Binary Trees"	PASSED	0.543 s
2	Then user should be redirected to "Types of Binary Trees" page	PASSED	0.019 s
3	And user should be able to see "Try here" button	PASSED	0.034 s

DETAILED SECTION -- 28 --

#	Step / Hook Details	Status	Duration
4	When user clicks on "Try here" button	PASSED	0.437 s
5	Then user should be able to see text box	PASSED	0.007 s
6	When user gives input as pycode	PASSED	0.084 s
	print ("Hello Types of Binary Trees")		
7	And hit run	PASSED	0.045 s
8	Then user should be able to see that in the output	PASSED	0.168 s
9	And user should be able to navigate back	PASSED	1.042 s

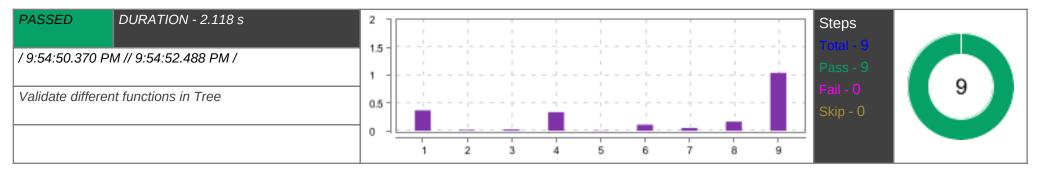
## Vaidate "Implementation in Python" link



#	Step / Hook Details	Status	Duration
1	When user clicks on the link "Implementation in Python"	PASSED	0.360 s
2	Then user should be redirected to "Implementation in Python" page	PASSED	0.016 s
3	And user should be able to see "Try here" button	PASSED	0.025 s
4	When user clicks on "Try here" button	PASSED	0.319 s
5	Then user should be able to see text box	PASSED	0.006 s
6	When user gives input as pycode	PASSED	0.092 s
	print ("Hello Types of Binary Trees")		
7	And hit run	PASSED	0.046 s
8	Then user should be able to see that in the output	PASSED	0.151 s
9	And user should be able to navigate back	PASSED	1.039 s

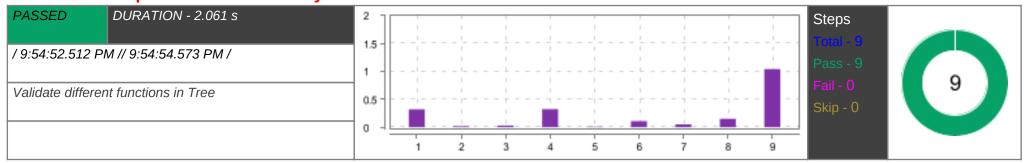
## **Vaidate "Binary Tree Traversals" link**

DETAILED SECTION -- 29 --



#	Step / Hook Details	Status	Duration
1	When user clicks on the link "Binary Tree Traversals"	PASSED	0.366 s
2	Then user should be redirected to "Binary Tree Traversals" page	PASSED	0.016 s
3	And user should be able to see "Try here" button	PASSED	0.025 s
4	When user clicks on "Try here" button	PASSED	0.333 s
5	Then user should be able to see text box	PASSED	0.005 s
6	When user gives input as pycode	PASSED	0.108 s
	print ("Hello Binary Tree Traversals")		
7	And hit run	PASSED	0.050 s
8	Then user should be able to see that in the output	PASSED	0.163 s
9	And user should be able to navigate back	PASSED	1.041 s

## **Vaidate "Implementation of Binary Trees" link**

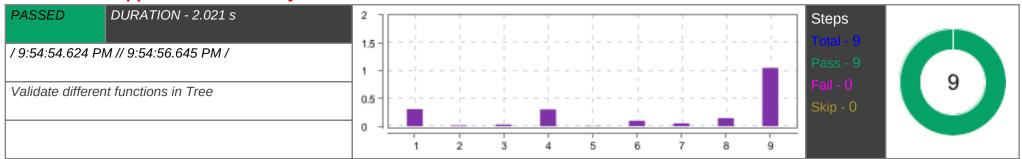


#	Step / Hook Details	Status	Duration
1	When user clicks on the link "Implementation of Binary Trees"	PASSED	0.320 s
2	Then user should be redirected to "Implementation of Binary Trees" page	PASSED	0.019 s
3	And user should be able to see "Try here" button	PASSED	0.028 s

DETAILED SECTION -- 30 --

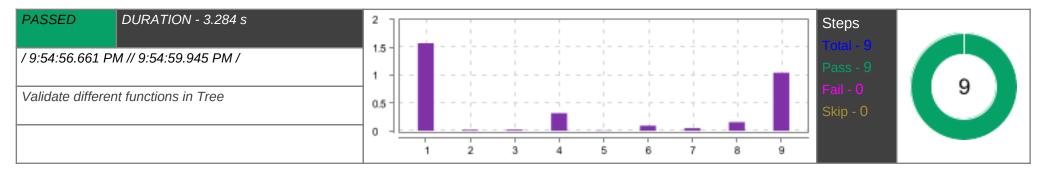
#	Step / Hook Details	Status	Duration
4	When user clicks on "Try here" button	PASSED	0.322 s
5	Then user should be able to see text box	PASSED	0.008 s
6	When user gives input as pycode	PASSED	0.110 s
	print ("Hello Implementation of Binary Trees")		
7	And hit run	PASSED	0.051 s
8	Then user should be able to see that in the output	PASSED	0.151 s
9	And user should be able to navigate back	PASSED	1.042 s

# Vaidate "Applications of Binary trees" link



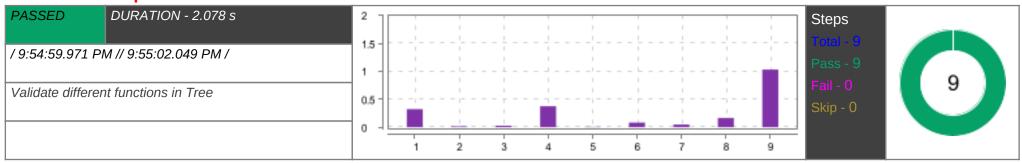
#	Step / Hook Details	Status	Duration
1	When user clicks on the link "Applications of Binary trees"	PASSED	0.308 s
2	Then user should be redirected to "Applications of Binary trees" page	PASSED	0.014 s
3	And user should be able to see "Try here" button	PASSED	0.031 s
4	When user clicks on "Try here" button	PASSED	0.301 s
5	Then user should be able to see text box	PASSED	0.007 s
6	When user gives input as pycode	PASSED	0.101 s
	print ("Hello Applications of Binary trees")		
7	And hit run	PASSED	0.054 s
8	Then user should be able to see that in the output	PASSED	0.146 s
9	And user should be able to navigate back	PASSED	1.050 s

## **Vaidate "Binary Search Trees" link**



#	Step / Hook Details	Status	Duration
1	When user clicks on the link "Binary Search Trees"	PASSED	1.576 s
2	Then user should be redirected to "Binary Search Trees" page	PASSED	0.017 s
3	And user should be able to see "Try here" button	PASSED	0.021 s
4	When user clicks on "Try here" button	PASSED	0.317 s
5	Then user should be able to see text box	PASSED	0.006 s
6	When user gives input as pycode	PASSED	0.092 s
	print ("Hello Binary Search Trees")		
7	And hit run	PASSED	0.046 s
8	Then user should be able to see that in the output	PASSED	0.156 s
9	And user should be able to navigate back	PASSED	1.044 s

### Vaidate "Implementation Of BST" link

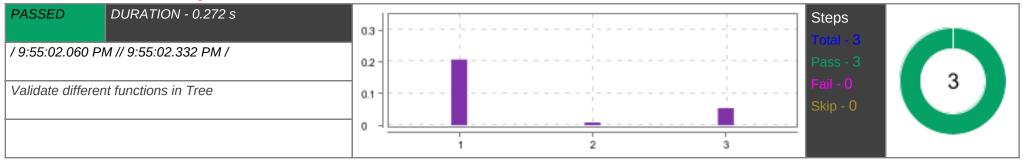


#	Step / Hook Details	Status	Duration
1	When user clicks on the link "Implementation Of BST"	PASSED	0.323 s
2	Then user should be redirected to "Implementation Of BST" page	PASSED	0.014 s
3	And user should be able to see "Try here" button	PASSED	0.027 s

DETAILED SECTION -- 32 --

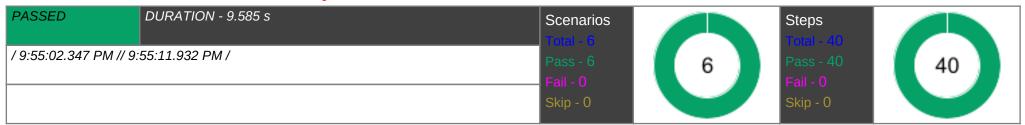
#	Step / Hook Details	Status	Duration
4	When user clicks on "Try here" button	PASSED	0.374 s
5	Then user should be able to see text box	PASSED	0.005 s
6	When user gives input as pycode	PASSED	0.083 s
	print ("Hello Implementation Of BST")		
7	And hit run	PASSED	0.046 s
8	Then user should be able to see that in the output	PASSED	0.163 s
9	And user should be able to navigate back	PASSED	1.033 s

### **Validate "Practice Questions" link**



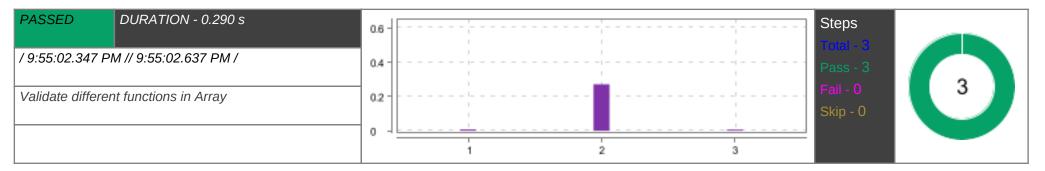
#	Step / Hook Details	Status	Duration
1	When user clicks on Tree "Practice Questions"	PASSED	0.207 s
2	Then user should be redirected to "Practice Questions" page	PASSED	0.009 s
3	And user should be able to navigate back from Tree to homepage	PASSED	0.054 s

### **Validate different functions in Array**



**Validate get started function for Array** 

DETAILED SECTION -- 33 --



#	Step / Hook Details	Status	Duration
1	Given user should be in homepage logged in url "https://dsportalapp.herokuapp.com/home"	PASSED	0.008 s
2	When user clicks on "Get started" button under Array	PASSED	0.272 s
3	Then user should be in Array page	PASSED	0.007 s

# Validate "Arrays in Python" link

PASSED DURATION - 2.560 s	2 -									Steps	
/ 9:55:02.649 PM // 9:55:05.209 PM /	1.5 -									Total - 8	
	1 -								-	Pass - 8 Fail - 0	8
Validate different functions in Array	0.5							- <u>-i</u>		Skip - 0	
	0 -	1	2	3	4	5	6	7	8		

#	Step / Hook Details	Status	Duration
1	When user clicks on the link "Arrays in Python"	PASSED	0.520 s
2	Then user should be redirected to "Arrays in Python" page	PASSED	0.017 s
3	When user clicks on "Try here" button	PASSED	0.498 s
4	Then user should be able to see text box	PASSED	0.010 s
5	When user gives input as pycode	PASSED	0.133 s
	print ("Hello Array")		
6	And hit run	PASSED	0.067 s
7	Then user should be able to see that in the output	PASSED	0.178 s
8	And user should be able to navigate back	PASSED	1.131 s

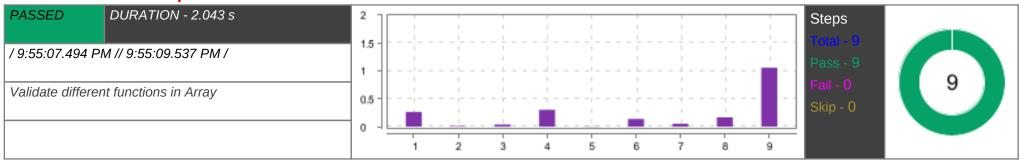
DETAILED SECTION -- 34 --

## **Validate "Arrays Using List" link**

PASSED DURATION - 2.258 s	Steps	
/ 9:55:05.224 PM // 9:55:07.482 PM /	Total -	
Validate different functions in Array	Fail - 0	8
	Skip - C	
	1 2 3 4 5 6 7 8	

#	Step / Hook Details	Status	Duration
1	When user clicks on the link "Arrays Using List"	PASSED	0.351 s
2	Then user should be redirected to "Arrays Using List" page	PASSED	0.010 s
3	When user clicks on "Try here" button	PASSED	0.510 s
4	Then user should be able to see text box	PASSED	0.006 s
5	When user gives input as pycode	PASSED	0.097 s
	print ("Hello Arrays Using List")		
6	And hit run	PASSED	0.062 s
7	Then user should be able to see that in the output	PASSED	0.167 s
8	And user should be able to navigate back	PASSED	1.051 s

### **Vaidate "Basic Operations in Lists" link**

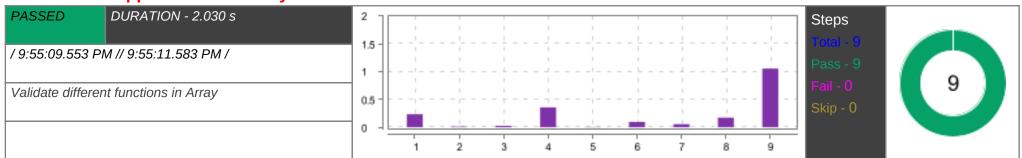


#	Step / Hook Details	Status	Duration
1	When user clicks on the link "Basic Operations in Lists"	PASSED	0.264 s
2	Then user should be redirected to "Basic Operations in Lists" page	PASSED	0.011 s
3	And user should be able to see "Try here" button	PASSED	0.039 s

DETAILED SECTION -- 35 --

#	Step / Hook Details	Status	Duration
4	When user clicks on "Try here" button	PASSED	0.301 s
5	Then user should be able to see text box	PASSED	0.007 s
6	When user gives input as pycode	PASSED	0.139 s
	print ("Hello Basic Operations in Lists")		
7	And hit run	PASSED	0.053 s
8	Then user should be able to see that in the output	PASSED	0.167 s
9	And user should be able to navigate back	PASSED	1.056 s

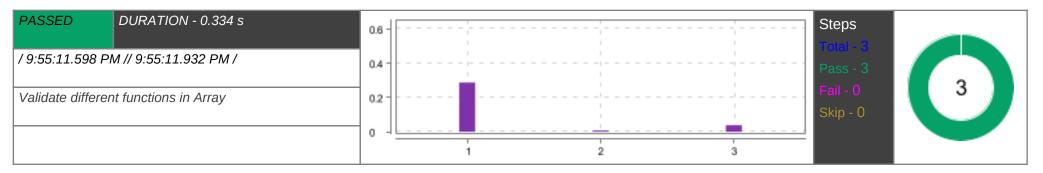
## **Vaidate "Applications of Array" link**



#	Step / Hook Details	Status	Duration
1	When user clicks on the link "Applications of Array"	PASSED	0.235 s
2	Then user should be redirected to "Applications of Array" page	PASSED	0.011 s
3	And user should be able to see "Try here" button	PASSED	0.027 s
4	When user clicks on "Try here" button	PASSED	0.359 s
5	Then user should be able to see text box	PASSED	0.006 s
6	When user gives input as pycode	PASSED	0.098 s
	print ("Hello Applications of Array")		
7	And hit run	PASSED	0.055 s
8	Then user should be able to see that in the output	PASSED	0.174 s
9	And user should be able to navigate back	PASSED	1.056 s

## **Validate "Practice Questions" link**

DETAILED SECTION -- 36 --



#	Step / Hook Details	Status	Duration
1	When user clicks on Array "Practice Questions"	PASSED	0.288 s
2	Then user should be redirected to "Practice Questions" page	PASSED	0.008 s
3	And user should be able to navigate back from Array to homepage	PASSED	0.038 s

## **Validate different functions in Graph**

PASSED	DURATION - 4.784 s	Scenarios		Steps	
/ 9:55:11 948 PM	// 9:55:16.732 PM /	Total - 4		Total - 22	
, 0.00.2210 10 1 111	,, 0.00.101.02 · m,	Pass - 4 	4	Pass - 22 Fail - 0	22
		Skip - 0		Skip - 0	

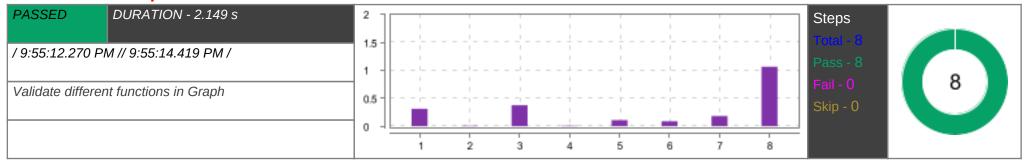
### **Validate get started function for Graph**

PASSED DURATION - 0.309 s	0.6 - Steps	
/ 9:55:11.948 PM // 9:55:12.257 PM /	0.4	
Validate different functions in Graph	Fail - 0	3
	1 2 3	

#	Step / Hook Details	Status	Duration
1	Given user should be in homepage logged in url "https://dsportalapp.herokuapp.com/home"	PASSED	0.009 s
2	When user clicks on "Get started" button under Graph	PASSED	0.290 s

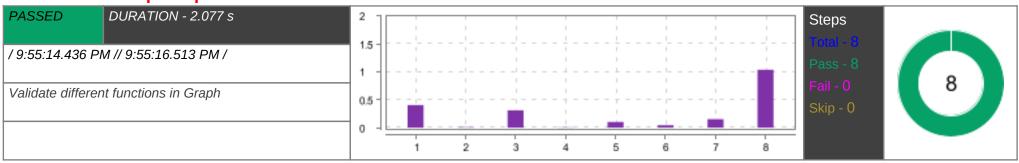
#	Step / Hook Details	Status	Duration
3	Then user should be in Graph page	PASSED	0.007 s

### Validate "Graph" link



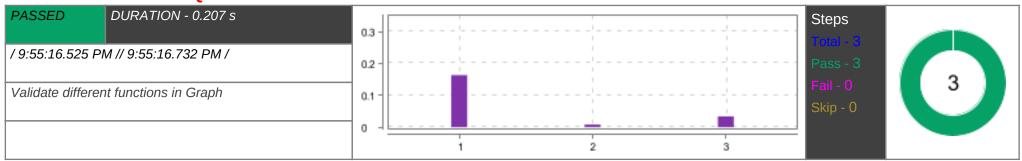
#	Step / Hook Details	Status	Duration
1	When user clicks on the link "Graph"	PASSED	0.310 s
2	Then user should be redirected to "Graph" page	PASSED	0.008 s
3	When user clicks on "Try here" button	PASSED	0.375 s
4	Then user should be able to see text box	PASSED	0.008 s
5	When user gives input as pycode	PASSED	0.109 s
	print ("Hello Graph")		
6	And hit run	PASSED	0.089 s
7	Then user should be able to see that in the output	PASSED	0.181 s
8	And user should be able to navigate back	PASSED	1.064 s

### **Validate "Graph Representations" link**



#	Step / Hook Details	Status	Duration
1	When user clicks on the link "Graph Representations"	PASSED	0.406 s
2	Then user should be redirected to "Graph Representations" page	PASSED	0.008 s
3	When user clicks on "Try here" button	PASSED	0.311 s
4	Then user should be able to see text box	PASSED	0.006 s
5	When user gives input as pycode	PASSED	0.102 s
	print ("Hello Graph Representations")		
6	And hit run	PASSED	0.045 s
7	Then user should be able to see that in the output	PASSED	0.154 s
8	And user should be able to navigate back	PASSED	1.037 s

## **Validate "Practice Questions" link**



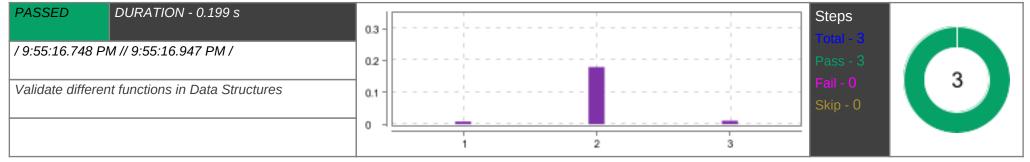
#	Step / Hook Details	Status	Duration
1	When user clicks on Graph "Practice Questions"	PASSED	0.163 s
2	Then user should be redirected to "Practice Questions" page	PASSED	0.008 s
3	And user should be able to navigate back from Graph to homepage	PASSED	0.034 s

#### **Validate different functions in Data Structures**

PASSED	DURATION - 2.387 s	Scenarios		Steps	
/ 9:55:16.748 PM // 9	0:55:19.135 PM /	Total - 3  Pass - 3  Fail - 0	3	Total - 14 Pass - 14 Fail - 0	14
		Skip - 0		Skip - 0	

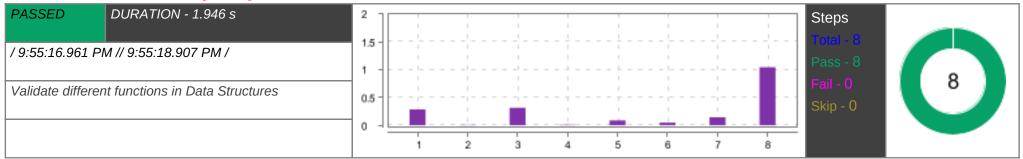
DETAILED SECTION -- 39 --

### **Validate get started function for Data Structures**



#	Step / Hook Details	Status	Duration
1	Given user should be in homepage logged in url "https://dsportalapp.herokuapp.com/home"	PASSED	0.008 s
2	When user clicks on "Get started" button under Data Structures	PASSED	0.179 s
3	Then user should be in Data Structures page	PASSED	0.011 s

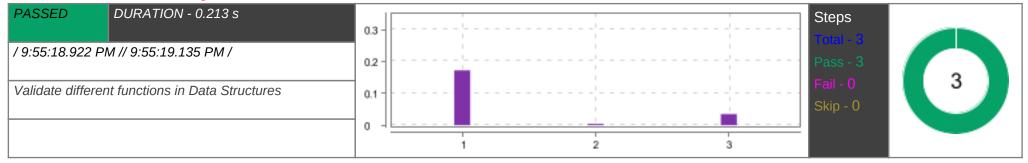
### **Validate "Time Complexity" link**



#	Step / Hook Details	Status	Duration
1	When user clicks on the link "Time Complexity"	PASSED	0.286 s
2	Then user should be redirected to "Time Complexity" page	PASSED	0.007 s
3	When user clicks on "Try here" button	PASSED	0.314 s
4	Then user should be able to see text box	PASSED	0.009 s
5	When user gives input as pycode	PASSED	0.089 s
	print ("Hello Data Structure")		
6	And hit run	PASSED	0.047 s
7	Then user should be able to see that in the output	PASSED	0.145 s
8	And user should be able to navigate back	PASSED	1.043 s

DETAILED SECTION -- 40 --

### **Validate "Practice Questions" link**

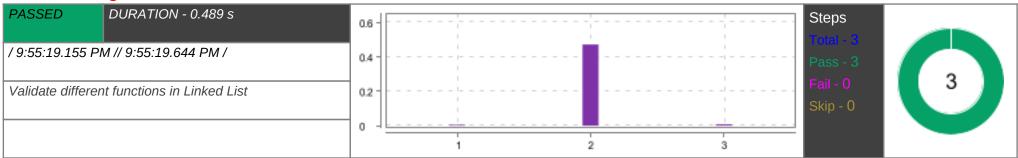


#	Step / Hook Details	Status	Duration
1	When user clicks on Data Structures "Practice Questions"	PASSED	0.172 s
2	Then user should be redirected to "Practice Questions" page	PASSED	0.004 s
3	And user should be able to navigate back from Data Structures to homepage	PASSED	0.035 s

#### **Validate different functions in Linked List**

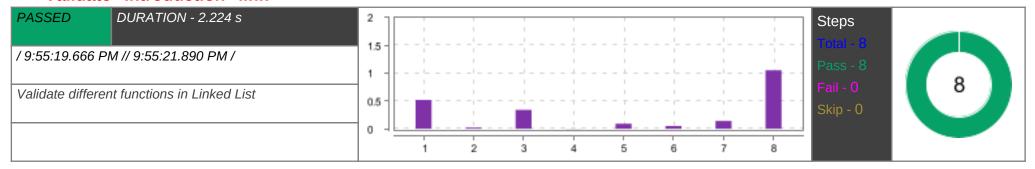
PASSED	DURATION - 15.538 s	Scenarios		Steps	
		Total - 9		Total - 62	
/ 9:55:19.155 P	PM // 9:55:34.693 PM /	Pass - 9	9	Pass - 62	62
		Fail - 0		Fail - 0	92
		Skip - 0		Skip - 0	

#### **Validate get started function for Linked List**



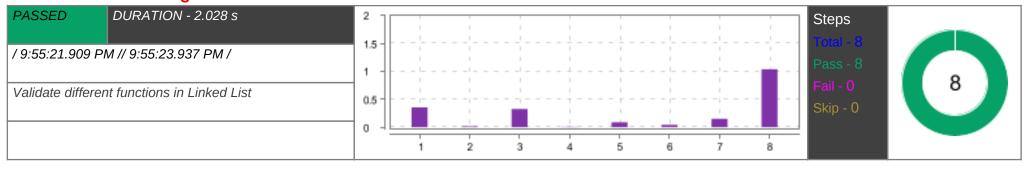
#	Step / Hook Details	Status	Duration
1	Given user should be in homepage logged in url "https://dsportalapp.herokuapp.com/home"	PASSED	0.005 s
2	When user clicks on "Get started" button under Linked List	PASSED	0.473 s
3	Then user should be in Linked List page	PASSED	0.008 s

#### Validate "Introduction" link



#	Step / Hook Details	Status	Duration
1	When user clicks on the link "Introduction"	PASSED	0.519 s
2	Then user should be redirected to "Introduction" page	PASSED	0.021 s
3	When user clicks on "Try here" button	PASSED	0.339 s
4	Then user should be able to see text box	PASSED	0.004 s
5	When user gives input as pycode	PASSED	0.090 s
	print ("Hello Linked List")		
6	And hit run	PASSED	0.051 s
7	Then user should be able to see that in the output	PASSED	0.141 s
8	And user should be able to navigate back	PASSED	1.052 s

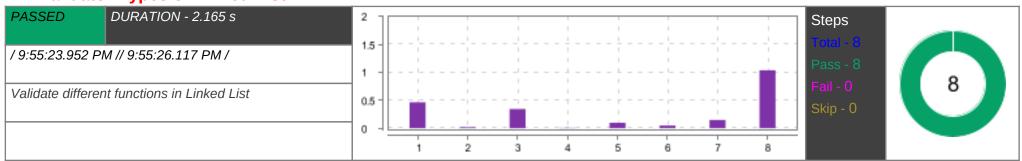
### **Validate "Creating Linked List" link**



DETAILED SECTION -- 42 --

#	Step / Hook Details	Status	Duration
1	When user clicks on the link "Creating Linked LIst"	PASSED	0.356 s
2	Then user should be redirected to "Creating Linked LIst" page	PASSED	0.016 s
3	When user clicks on "Try here" button	PASSED	0.326 s
4	Then user should be able to see text box	PASSED	0.005 s
5	When user gives input as pycode	PASSED	0.089 s
	print ("Hello Creating Linked LIst")		
6	And hit run	PASSED	0.042 s
7	Then user should be able to see that in the output	PASSED	0.149 s
8	And user should be able to navigate back	PASSED	1.038 s

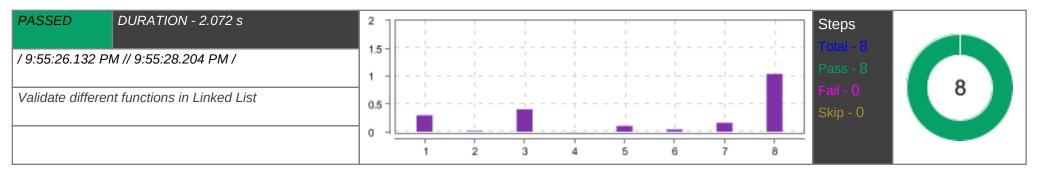
# Validate "Types of Linked List" link



#	Step / Hook Details	Status	Duration
1	When user clicks on the link "Types of Linked List"	PASSED	0.463 s
2	Then user should be redirected to "Types of Linked List" page	PASSED	0.018 s
3	When user clicks on "Try here" button	PASSED	0.342 s
4	Then user should be able to see text box	PASSED	0.005 s
5	When user gives input as pycode	PASSED	0.097 s
	print ("Hello Types of Linked List")		
6	And hit run	PASSED	0.046 s
7	Then user should be able to see that in the output	PASSED	0.148 s
8	And user should be able to navigate back	PASSED	1.038 s

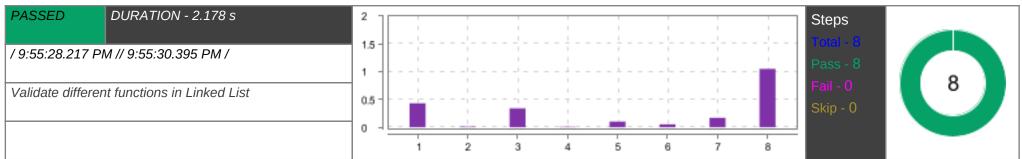
## Validate "Implement Linked List in Python" link

DETAILED SECTION -- 43 --



#	Step / Hook Details	Status	Duration
1	When user clicks on the link "Implement Linked List in Python"	PASSED	0.295 s
2	Then user should be redirected to "Implement Linked List in Python" page	PASSED	0.016 s
3	When user clicks on "Try here" button	PASSED	0.404 s
4	Then user should be able to see text box	PASSED	0.004 s
5	When user gives input as pycode	PASSED	0.105 s
	print ("Hello Implement Linked List in Python")		
6	And hit run	PASSED	0.041 s
7	Then user should be able to see that in the output	PASSED	0.162 s
8	And user should be able to navigate back	PASSED	1.042 s

#### Validate "Traversal" link

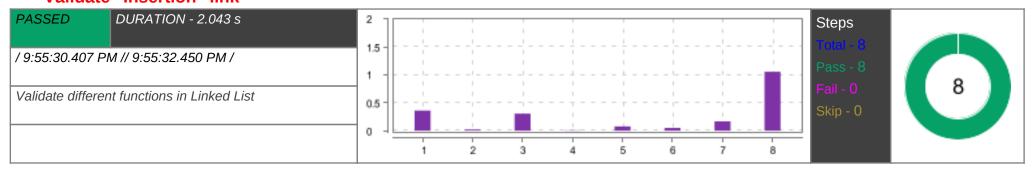


#	Step / Hook Details	Status	Duration
1	When user clicks on the link "Traversal"	PASSED	0.432 s
2	Then user should be redirected to "Traversal" page	PASSED	0.013 s
3	When user clicks on "Try here" button	PASSED	0.341 s
4	Then user should be able to see text box	PASSED	0.009 s

DETAILED SECTION -- 44 --

#	Step / Hook Details	Status	Duration
5	When user gives input as pycode	PASSED	0.103 s
	print ("Hello Traversal")		
6	And hit run	PASSED	0.054 s
7	Then user should be able to see that in the output	PASSED	0.171 s
8	And user should be able to navigate back	PASSED	1.049 s

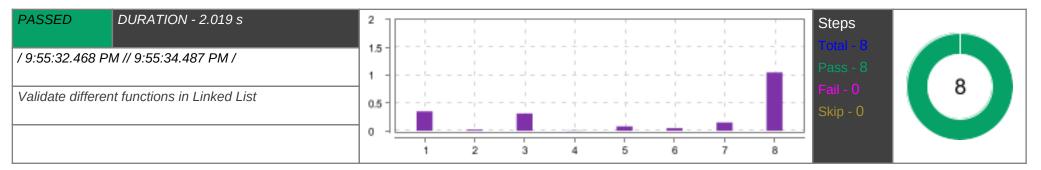
#### Validate "Insertion" link



#	Step / Hook Details	Status	Duration
1	When user clicks on the link "Insertion"	PASSED	0.361 s
2	Then user should be redirected to "Insertion" page	PASSED	0.020 s
3	When user clicks on "Try here" button	PASSED	0.305 s
4	Then user should be able to see text box	PASSED	0.007 s
5	When user gives input as pycode	PASSED	0.075 s
	print ("Hello Insertion")		
6	And hit run	PASSED	0.049 s
7	Then user should be able to see that in the output	PASSED	0.166 s
8	And user should be able to navigate back	PASSED	1.056 s

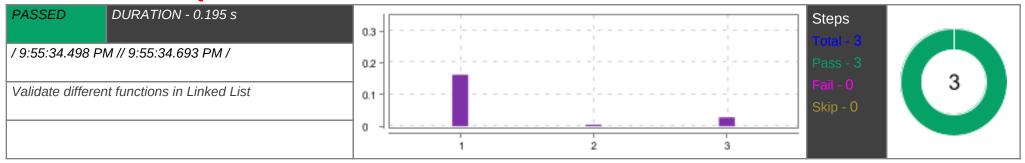
#### Validate "Deletion" link

DETAILED SECTION -- 45 --



#	Step / Hook Details	Status	Duration
1	When user clicks on the link "Deletion"	PASSED	0.348 s
2	Then user should be redirected to "Deletion" page	PASSED	0.022 s
3	When user clicks on "Try here" button	PASSED	0.311 s
4	Then user should be able to see text box	PASSED	0.007 s
5	When user gives input as pycode	PASSED	0.078 s
	print ("Hello Deletion")		
6	And hit run	PASSED	0.047 s
7	Then user should be able to see that in the output	PASSED	0.151 s
8	And user should be able to navigate back	PASSED	1.049 s

### **Validate "Practice Questions" link**



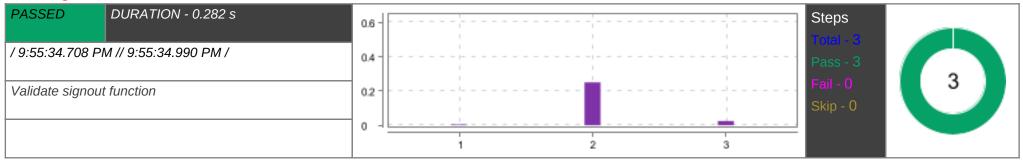
#	Step / Hook Details	Status	Duration
1	When user clicks on Linked List "Practice Questions"	PASSED	0.162 s
2	Then user should be redirected to "Practice Questions" page	PASSED	0.005 s
3	And user should be able to navigate back from Linked List to homepage	PASSED	0.028 s

DETAILED SECTION -- 46 --

# Validate signout function

PASSED	DURATION - 0.282 s	Scenarios		Steps	
		Total - 1		Total - 3	
/ 9:55:34.708 PM //	9:55:34.990 PM /	Pass - 1	1	Pass - 3	3
		Fail - 0		Fail - 0	
		Skip - 0		Skip - 0	

## **Logout Validation**



#	Step / Hook Details	Status	Duration
1	Given user should be in homepage logged in url "https://dsportalapp.herokuapp.com/home"	PASSED	0.005 s
2	When user clicks on "Sign out"	PASSED	0.251 s
3	Then user should be able to see "Logged out successfully"	PASSED	0.025 s