

# Cucumber Report

Nov 30, 2023, 12:55:32 PM

Start : Nov 30, 12:55:16.139 PM

End : Nov 30, 12:55:30.460 PM

Duration : 14.321 s

Features

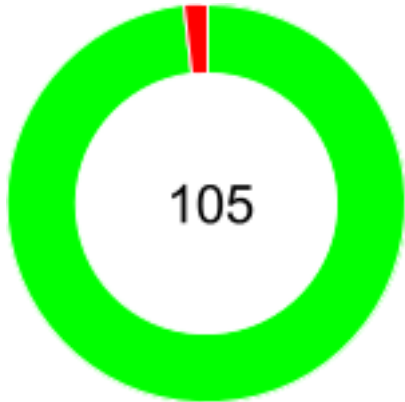
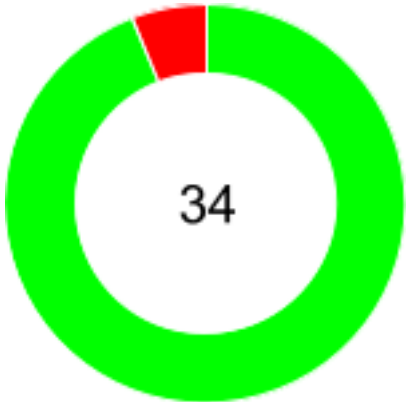
Scenarios

Steps

PASSED - 2  
FAILED - 1  
SKIPPED - 0

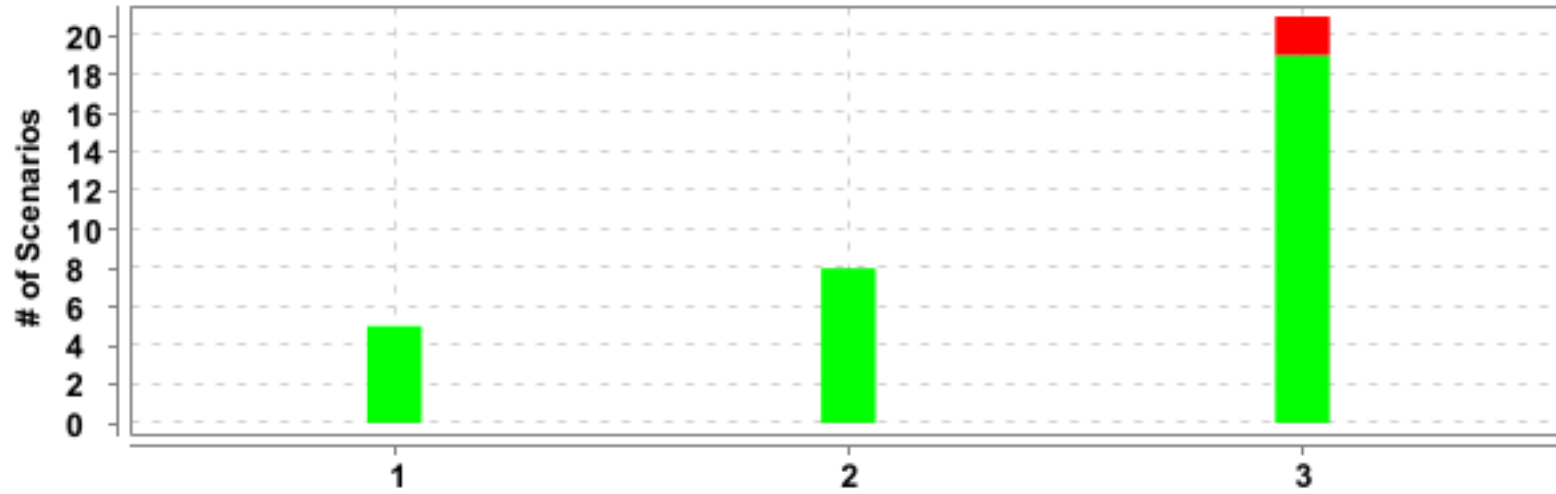
PASSED - 32  
FAILED - 2  
SKIPPED - 0

PASSED - 103  
FAILED - 2  
SKIPPED - 0



| Feature   |          | Scenario |    |   |   | Step |    |   |   |
|---|----------|----------|----|---|---|------|----|---|---|
| Name  | Duration | T        | P  | F | S | T    | P  | F | S |
| <u>To Automate Introduction page of DS_Algo</u> | 3.922 s  | 5        | 5  | 0 | 0 | 15   | 15 | 0 | 0 |
| <u>to automate Signin page of DS_Algo</u>       | 2.085 s  | 8        | 8  | 0 | 0 | 25   | 25 | 0 | 0 |
| <u>To Automate the page of Array</u>            | 8.275 s  | 21       | 19 | 2 | 0 | 65   | 63 | 2 | 0 |

| Tag  | Scenario |   |   |   | Feature |   |   |   |
|--|----------|---|---|---|---------|---|---|---|
| Name                                       | T        | P | F | S | T       | P | F | S |
| @Start_page                                | 1        | 1 | 0 | 0 | 1       | 1 | 0 | 0 |
| @Intro_page                                | 1        | 1 | 0 | 0 | 1       | 1 | 0 | 0 |
| @Signin_page(link)                         | 1        | 1 | 0 | 0 | 1       | 1 | 0 | 0 |
| @Signin_page(allBlank)                     | 7        | 7 | 0 | 0 | 1       | 1 | 0 | 0 |
| @Signin_page(enteronlyusername)            | 1        | 1 | 0 | 0 | 1       | 1 | 0 | 0 |
| @Signin_page(enteronlypwd)                 | 1        | 1 | 0 | 0 | 1       | 1 | 0 | 0 |
| @Signin_page(invalidusernamePwd)           | 1        | 1 | 0 | 0 | 1       | 1 | 0 | 0 |
| @Signin_page(validUsernameinvalidPassword) | 1        | 1 | 0 | 0 | 1       | 1 | 0 | 0 |
| @Signin_page(validUsernameInvPwd)          | 1        | 1 | 0 | 0 | 1       | 1 | 0 | 0 |
| @Signin_page(valid)                        | 1        | 1 | 0 | 0 | 1       | 1 | 0 | 0 |
| @HomePage                                  | 1        | 1 | 0 | 0 | 1       | 0 | 1 | 0 |
| @DSPage                                    | 1        | 1 | 0 | 0 | 1       | 0 | 1 | 0 |
| @ComplexityPage                            | 1        | 1 | 0 | 0 | 1       | 0 | 1 | 0 |
| @PracticePage                              | 1        | 1 | 0 | 0 | 1       | 0 | 1 | 0 |
| @pythonEditor                              | 1        | 1 | 0 | 0 | 1       | 0 | 1 | 0 |

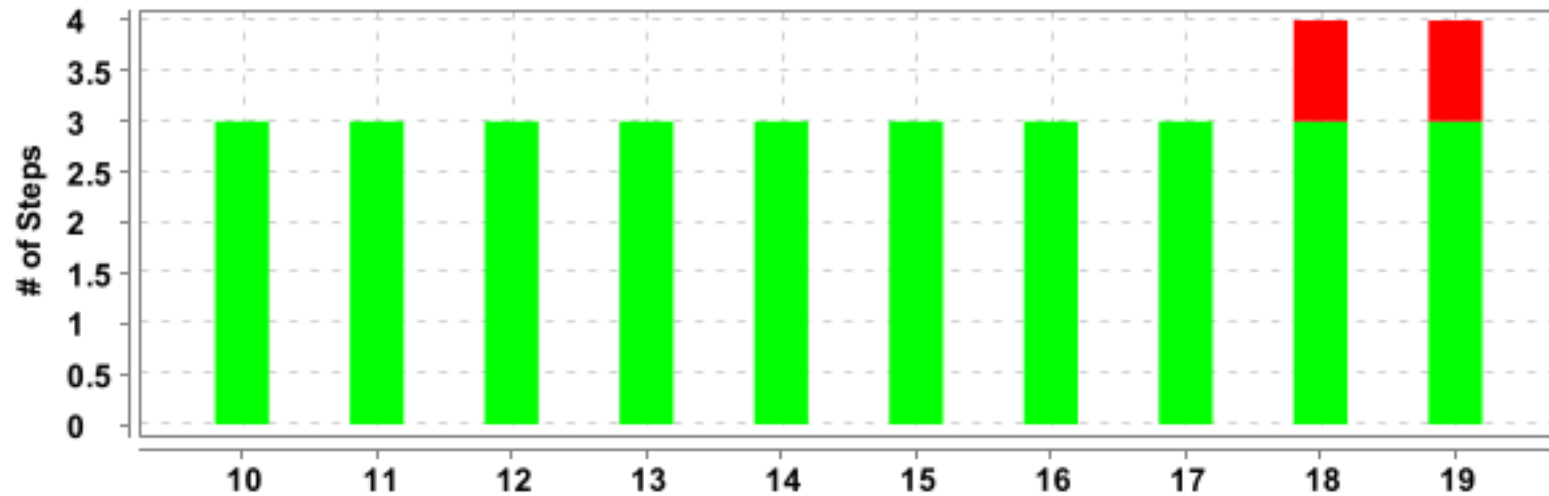


| # | Feature Name                                    | <i>T</i> | <i>P</i> | <i>F</i> | <i>S</i> | Duration |
|---|---|----------|----------|----------|----------|----------|
| 1 | <u>To Automate Introduction page of DS_Algo</u> | 5        | 5        | 0        | 0        | 3.922 s  |
| 2 | <u>to automate Signin page of DS_Algo</u>       | 8        | 8        | 0        | 0        | 2.085 s  |
| 3 | <u>To Automate the page of Array</u>            | 21       | 19       | 2        | 0        | 8.275 s  |

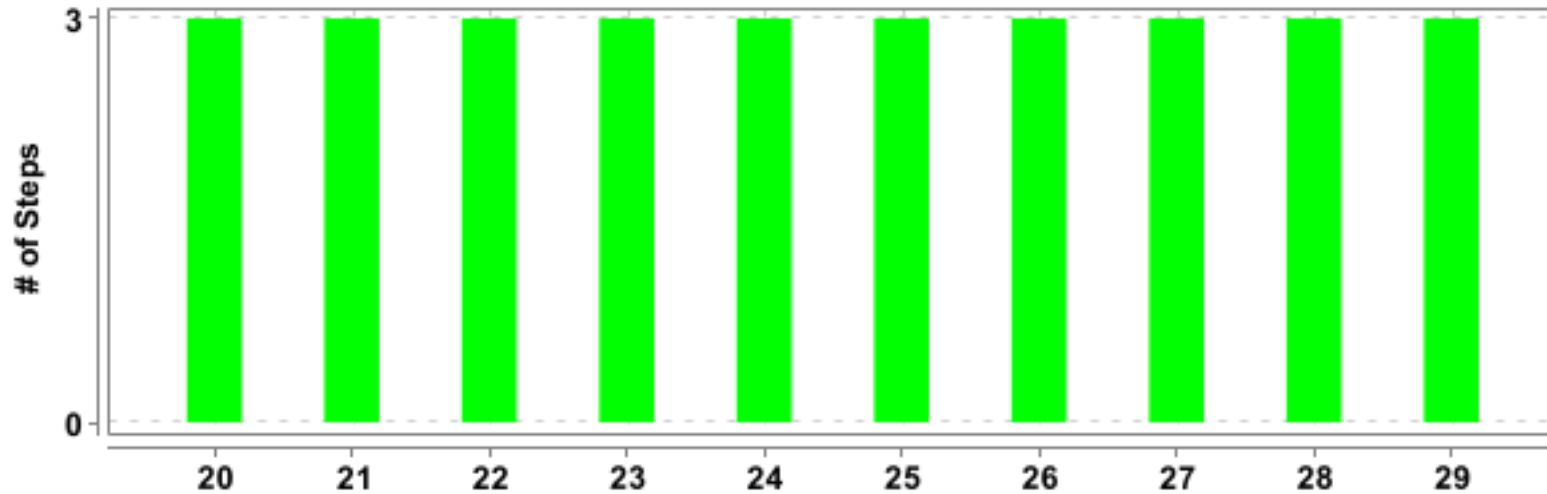


| # | Feature Name                                    | Scenario Name                    | T | P | F | S | Duration |
|---|---|----------------------------------|---|---|---|---|----------|
| 1 | <u>To Automate Introduction page of DS_Algo</u> | <u>Browser page</u>              | 3 | 3 | 0 | 0 | 3.126 s  |
| 2 | <u>To Automate Introduction page of DS_Algo</u> | <u>DS Algo Get Started page</u>  | 3 | 3 | 0 | 0 | 0.328 s  |
| 3 | <u>To Automate Introduction page of DS_Algo</u> | <u>DS Introduction page</u>      | 3 | 3 | 0 | 0 | 0.087 s  |
| 4 | <u>To Automate Introduction page of DS_Algo</u> | <u>DS Introduction page</u>      | 3 | 3 | 0 | 0 | 0.250 s  |
| 5 | <u>To Automate Introduction page of DS_Algo</u> | <u>DS Introduction page</u>      | 3 | 3 | 0 | 0 | 0.029 s  |
| 6 | <u>to automate Signin page of DS_Algo</u>       | <u>DS Algo Introduction Page</u> | 4 | 4 | 0 | 0 | 0.176 s  |
| 7 | <u>to automate Signin page of DS_Algo</u>       | <u>DS Algo Introduction Page</u> | 3 | 3 | 0 | 0 | 0.131 s  |
| 8 | <u>to automate Signin page of DS_Algo</u>       | <u>DS Algo Introduction Page</u> | 3 | 3 | 0 | 0 | 0.203 s  |

| # | Feature Name                              | Scenario Name                    | T | P | F | S | Duration |
|---|---|----------------------------------|---|---|---|---|----------|
| 9 | <u>to automate Signin page of DS_Algo</u> | <u>DS Algo Introduction Page</u> | 3 | 3 | 0 | 0 | 0.152 s  |

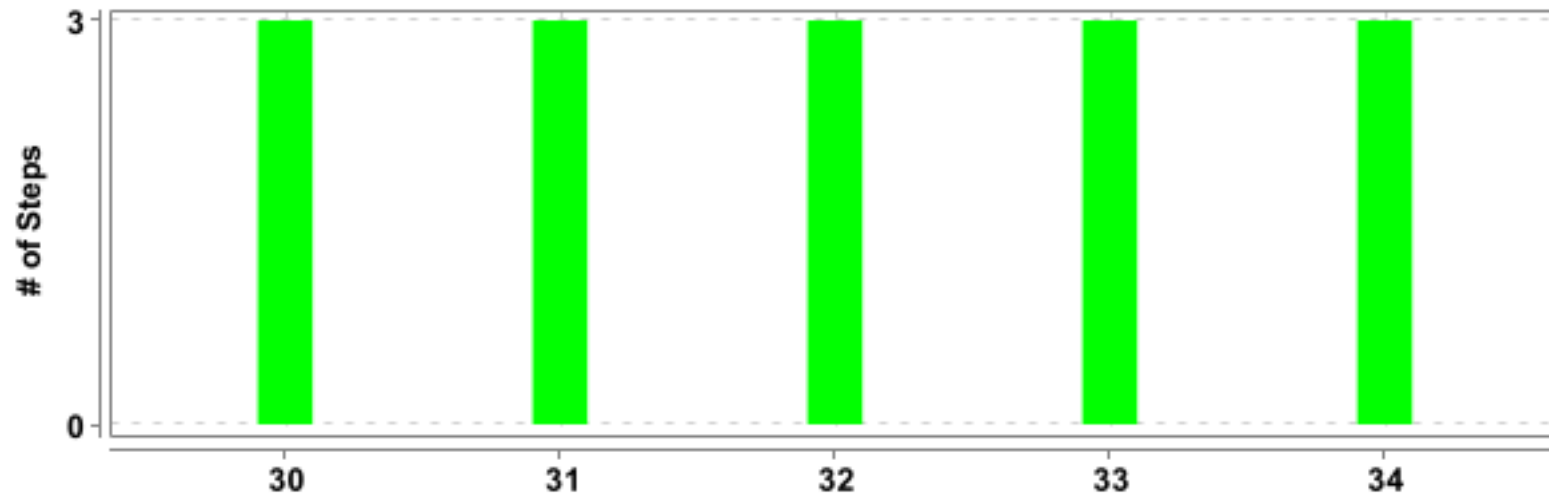


| #  | Feature Name                              | Scenario Name                               | T | P | F | S | Duration |
|----|---|---|---|---|---|---|----------|
| 10 | <u>to automate Signin page of DS_Algo</u> | <u>DS Algo Introduction Page</u>            | 3 | 3 | 0 | 0 | 0.347 s  |
| 11 | <u>to automate Signin page of DS_Algo</u> | <u>DS Algo Introduction Page</u>            | 3 | 3 | 0 | 0 | 0.153 s  |
| 12 | <u>to automate Signin page of DS_Algo</u> | <u>DS Algo Introduction Page</u>            | 3 | 3 | 0 | 0 | 0.329 s  |
| 13 | <u>to automate Signin page of DS_Algo</u> | <u>DS Algo Introduction Page</u>            | 3 | 3 | 0 | 0 | 0.516 s  |
| 14 | <u>To Automate the page of Array</u>      | <u>Home Page</u>                            | 3 | 3 | 0 | 0 | 0.243 s  |
| 15 | <u>To Automate the page of Array</u>      | <u>Data Structure Home page</u>             | 3 | 3 | 0 | 0 | 0.195 s  |
| 16 | <u>To Automate the page of Array</u>      | <u>Time Complexity Page</u>                 | 3 | 3 | 0 | 0 | 0.012 s  |
| 17 | <u>To Automate the page of Array</u>      | <u>Python Editor page without data</u>      | 3 | 3 | 0 | 0 | 0.737 s  |
| 18 | <u>To Automate the page of Array</u>      | <u>Python Editor page with Invalid data</u> | 4 | 3 | 1 | 0 | 1.882 s  |
| 19 | <u>To Automate the page of Array</u>      | <u>Python Editor page with valid data</u>   | 4 | 3 | 1 | 0 | 1.001 s  |




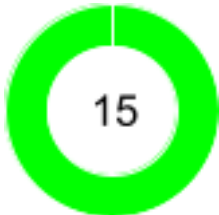
| #  | Feature Name                         | Scenario Name                            | T | P | F | S | Duration |
|----|--------------------------------------|--|---|---|---|---|----------|
| 20 | <u>To Automate the page of Array</u> | <u>User go back to the previous page</u> | 3 | 3 | 0 | 0 | 0.155 s  |
| 21 | <u>To Automate the page of Array</u> | <u>Time Complexity Page</u>              | 3 | 3 | 0 | 0 | 0.278 s  |
| 22 | <u>To Automate the page of Array</u> | <u>Home Page</u>                         | 3 | 3 | 0 | 0 | 0.254 s  |
| 23 | <u>To Automate the page of Array</u> | <u>Array Page</u>                        | 3 | 3 | 0 | 0 | 0.393 s  |
| 24 | <u>To Automate the page of Array</u> | <u>Array Page</u>                        | 3 | 3 | 0 | 0 | 0.260 s  |
| 25 | <u>To Automate the page of Array</u> | <u>Array in Python Page</u>              | 3 | 3 | 0 | 0 | 0.295 s  |
| 26 | <u>To Automate the page of Array</u> | <u>Array Using List Page</u>             | 3 | 3 | 0 | 0 | 0.227 s  |
| 27 | <u>To Automate the page of Array</u> | <u>Array Using List Page</u>             | 3 | 3 | 0 | 0 | 0.266 s  |
| 28 | <u>To Automate the page of Array</u> | <u>Basic operations in Lists page</u>    | 3 | 3 | 0 | 0 | 0.227 s  |
| 29 | <u>To Automate the page of Array</u> | <u>Basic operations in Lists page</u>    | 3 | 3 | 0 | 0 | 0.222 s  |



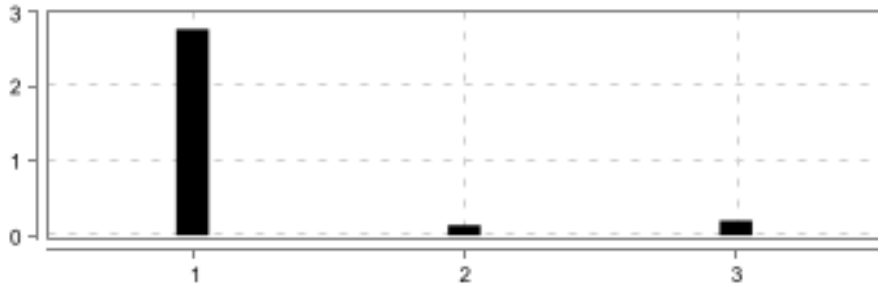



| #  | Feature Name                         | Scenario Name                    | T | P | F | S | Duration |
|----|--------------------------------------|----------------------------------|---|---|---|---|----------|
| 30 | <u>To Automate the page of Array</u> | <u>Application of Array page</u> | 3 | 3 | 0 | 0 | 0.303 s  |
| 31 | <u>To Automate the page of Array</u> | <u>Practice Questions page</u>   | 3 | 3 | 0 | 0 | 0.261 s  |
| 32 | <u>To Automate the page of Array</u> | <u>Practice Questions page</u>   | 3 | 3 | 0 | 0 | 0.252 s  |
| 33 | <u>To Automate the page of Array</u> | <u>Practice Questions page</u>   | 3 | 3 | 0 | 0 | 0.234 s  |
| 34 | <u>To Automate the page of Array</u> | <u>Practice Questions page</u>   | 3 | 3 | 0 | 0 | 0.274 s  |

## To Automate Introduction page of DS\_Algo

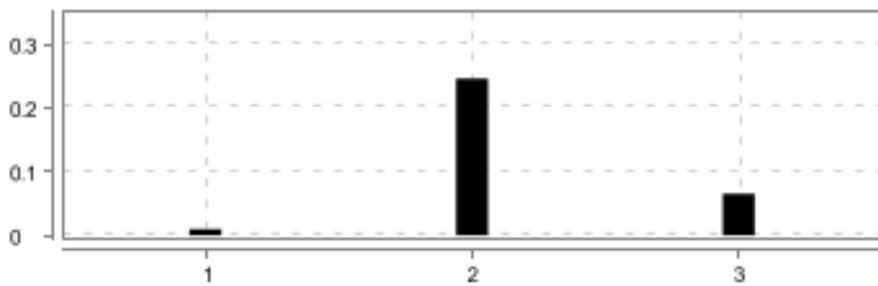

|  |                           |           |   |            |   |
|--|---------------------------|-----------|---|------------|---|
| <b>PASSED</b>                          | <b>DURATION - 3.922 s</b> | Scenarios |  | Steps      |  |
| / 12:55:16.139 PM // 12:55:20.061 PM / |                           | Total - 5 |   | Total - 15 |   |
|  |                           | Pass - 5  |   | Pass - 15  |   |
|  |                           | Fail - 0  |   | Fail - 0   |   |
|  |                           | Skip - 0  |   | Skip - 0   |   |

## Browser page

|  |                           |  |           |   |
|--|---------------------------|--|-----------|---|
| <b>PASSED</b>                            | <b>DURATION - 3.126 s</b> |  | Steps     |  |
| / 12:55:16.144 PM // 12:55:19.270 PM /   |                           |  | Total - 3 |   |
| To Automate Introduction page of DS_Algo |                           |  | Pass - 3  |   |
|  |                           |  | Fail - 0  |   |
|  |                           |  | Skip - 0  |   |

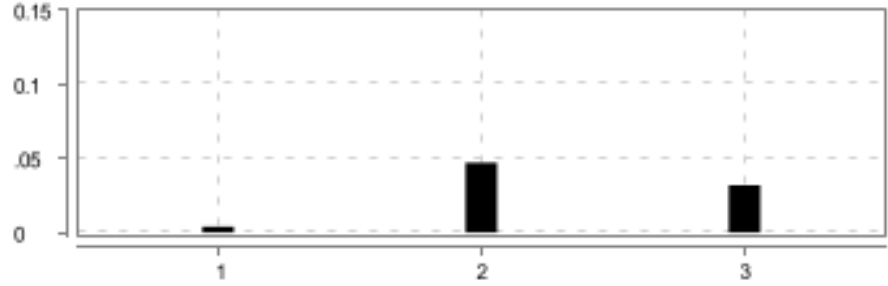

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user should be open the browser  | PASSED | 2.770 s  |
| 2 | When The user enter the DS_Algo Portal <a href="https://dsportalapp.herokuapp.com/">https://dsportalapp.herokuapp.com/</a> | PASSED | 0.135 s  |
| 3 | Then The user should landed on the DS_Algo Get Started page with message "You are at the right place"                      | PASSED | 0.200 s  |

## DS Algo Get Started page

|  |                           |  |           |   |
|--|---------------------------|--|-----------|---|
| <b>PASSED</b>                            | <b>DURATION - 0.328 s</b> |  | Steps     |  |
| / 12:55:19.312 PM // 12:55:19.640 PM /   |                           |  | Total - 3 |   |
| To Automate Introduction page of DS_Algo |                           |  | Pass - 3  |   |
| @Start_page                              |                           |  | Fail - 0  |   |
|  |                           |  | Skip - 0  |   |

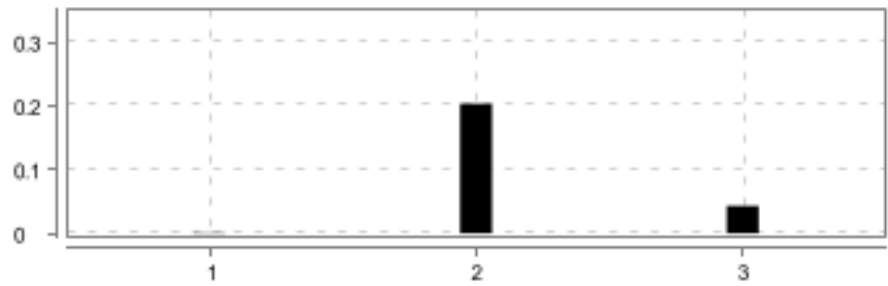

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user should open the DS Algo Portal URL in any supported browser                        | PASSED | 0.010 s  |
| 2 | When The user clicks the Get Started button   | PASSED | 0.246 s  |
| 3 | Then The user should land in Data Structure Introduction Page with "Register" and "Sign in" links | PASSED | 0.065 s  |

### DS Introduction page

|  |                    |  |  |   |
|--|--------------------|--|--|---|
| PASSED                                   | DURATION - 0.087 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 12:55:19.667 PM // 12:55:19.754 PM /   |                    |  |  |   |
| To Automate Introduction page of DS_Algo |                    |  |  |   |
| @Intro_page                              |                    |  |  |   |

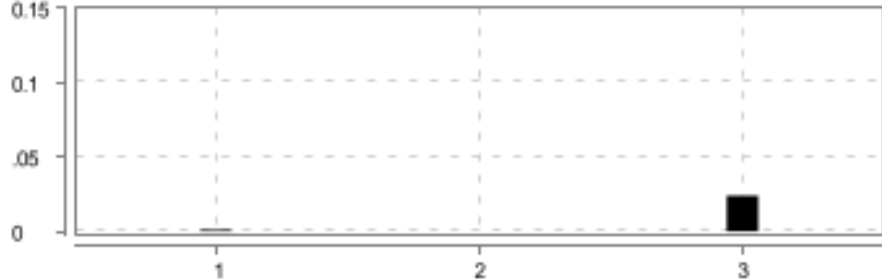

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the DS Introduction page   | PASSED | 0.004 s  |
| 2 | When The user clicks the data structure dropdown arrow  | PASSED | 0.047 s  |
| 3 | Then The user should able to see 6 options Arrays "Linked,List,Stack,Queue,Tree,Graph" in dropdown menu | PASSED | 0.032 s  |

### DS Introduction page

|  |                    |   |  |  |
|--|--------------------|---|--|--|
| PASSED                                   | DURATION - 0.250 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 12:55:19.767 PM // 12:55:20.017 PM /   |                    |   |  |  |
| To Automate Introduction page of DS_Algo |                    |   |  |  |
|  |                    |   |  |  |

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the DS Introduction page                                      | PASSED | 0.001 s  |
| 2 | When The user selects any data structures item from the drop down without Sign in. | PASSED | 0.203 s  |
| 3 | Then The user should able to see an warning message "You are not logged in"        | PASSED | 0.043 s  |

**DS Introduction page**

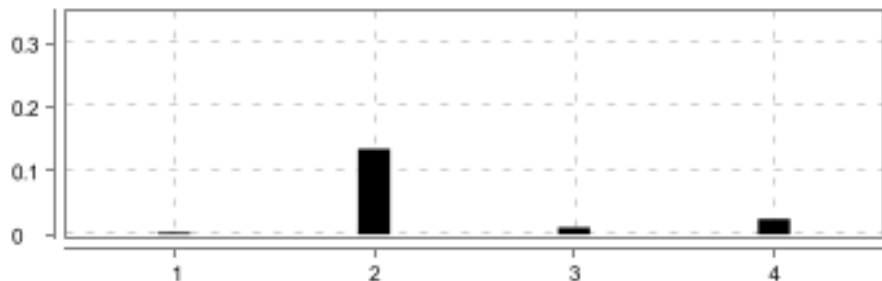

|  |                               |   |   |  |
|--|-------------------------------|---|---|--|
| <div>PASSED</div>                        | <div>DURATION - 0.029 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| / 12:55:20.032 PM // 12:55:20.061 PM /   |                               |   |   |  |
| To Automate Introduction page of DS_Algo |                               |   |   |  |
|  |                               |   |   |  |

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the DS Introduction page   | PASSED | 0.001 s  |
| 2 | When The user clicks any "Get Started" buttons of data structures on the DS Introduction page | PASSED | 0.000 s  |
| 3 | Then The user should able to see an warning message "You are not logged in"                   | PASSED | 0.024 s  |

**to automate Signin page of DS\_Algo**

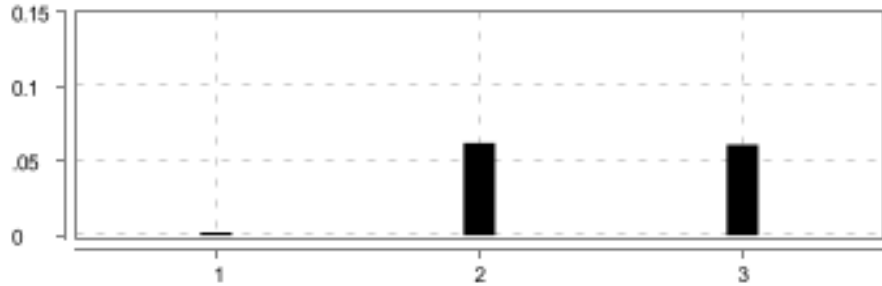

|   |                               |   |                        |   |                        |
|---|-------------------------------|---|------------------------|---|------------------------|
| <div>PASSED</div>                                 | <div>DURATION - 2.085 s</div> | <div>Scenarios</div> <div>Total - 8</div> <div>Pass - 8</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div><div></div></div> | <div>Steps</div> <div>Total - 25</div> <div>Pass - 25</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div><div></div></div> |
| <div>/ 12:55:20.087 PM // 12:55:22.172 PM /</div> |                               |   |                        |   |                        |
|   |                               |   |                        |   |                        |

**DS Algo Introduction Page**

|   |   |   |  |
|---|---|---|--|
| <div>PASSED</div> <div>DURATION - 0.176 s</div>   | <div></div> | <div>Steps</div> <div>Total - 4</div> <div>Pass - 4</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 12:55:20.087 PM // 12:55:20.263 PM /</div> |   |   |  |
| <div>to automate Signin page of DS_Algo</div>     |   |   |  |
| <div>@Signin_page(link)</div>                     |   |   |  |

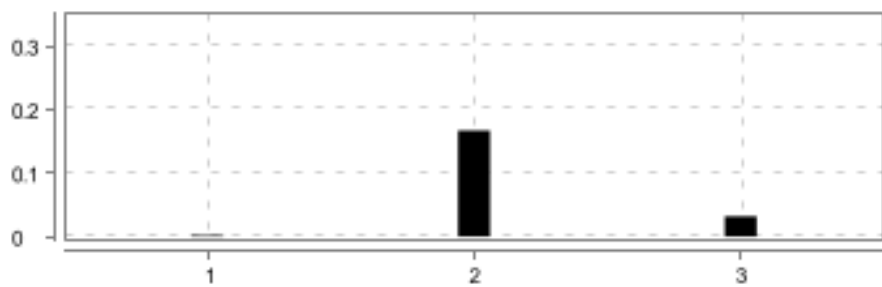

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the DS Algo Introduction Page                | PASSED | 0.003 s  |
| 2 | When The user should click the Sign in link                       | PASSED | 0.134 s  |
| 3 | Then The user should be redirected to Sign in page                | PASSED | 0.011 s  |
| 4 | And The user is able to see "Register!" link below the text boxes | PASSED | 0.024 s  |

### DS Algo Introduction Page

|  |                    |  |  |   |
|--|--------------------|--|--|---|
| PASSED                                 | DURATION - 0.131 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 12:55:20.275 PM // 12:55:20.406 PM / |                    |  |  |   |
| to automate Signin page of DS_Algo     |                    |  |  |   |
| @Signin_page(allBlank)                 |                    |  |  |   |

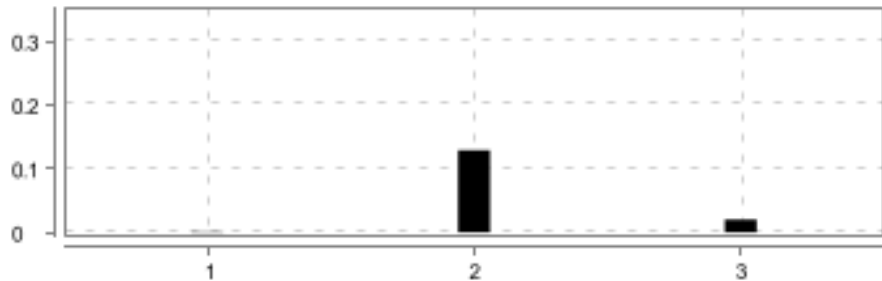

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the DS Algo Introduction Page                                  | PASSED | 0.002 s  |
| 2 | When The user clicks login button after leaving the "" textbox and "" textbox blank | PASSED | 0.062 s  |
| 3 | Then The error message "Please fill out this field." appears below Username textbox | PASSED | 0.061 s  |

### DS Algo Introduction Page

|   |                    |   |  |   |
|---|--------------------|---|--|---|
| PASSED  | DURATION - 0.203 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 12:55:20.418 PM // 12:55:20.621 PM /                    |                    |   |  |   |
| to automate Signin page of DS_Algo                        |                    |   |  |   |
| @Signin_page(enteronlyusername)<br>@Signin_page(allBlank) |                    |   |  |   |

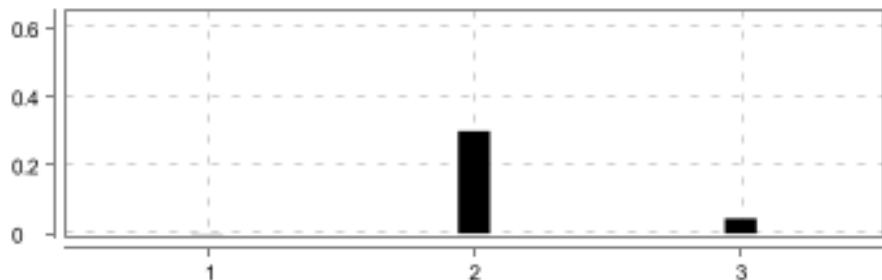

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the DS Algo Introduction Page   | PASSED | 0.002 s  |
| 2 | When The user clicks login button after entering the "Trioteamchallengers" and leaves "" textbox blank | PASSED | 0.167 s  |
| 3 | Then The error message "Please fill out this field." appears below Pwd textbox                         | PASSED | 0.032 s  |

## DS Algo Introduction Page

|  |                               |   |   |  |
|--|-------------------------------|---|---|--|
| <div>PASSED</div>  | <div>DURATION - 0.152 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 12:55:20.635 PM // 12:55:20.787 PM /</div>            |                               |   |   |  |
| <div>to automate Signin page of DS_Algo</div>                |                               |   |   |  |
| <div>@Signin_page(enteronlypwd) @Signin_page(allBlank)</div> |                               |   |   |  |

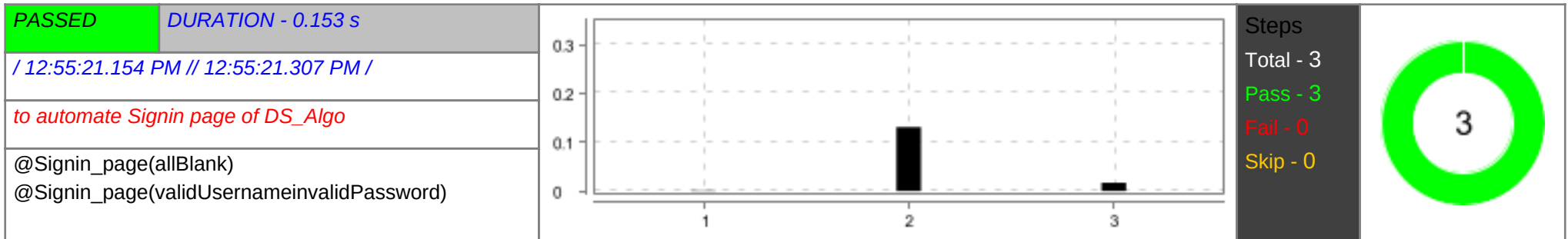
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the DS Algo Introduction Page                                  | PASSED | 0.001 s  |
| 2 | When The user clicks login button after entering the "ds@qateam334h" only.          | PASSED | 0.129 s  |
| 3 | Then The error message "Please fill out this field." appears below Username textbox | PASSED | 0.020 s  |

## DS Algo Introduction Page

|  |                           |   |   |   |
|--|---------------------------|---|---|---|
| <b>PASSED</b>  | <i>DURATION - 0.347 s</i> |  | <b>Steps</b><br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 12:55:20.795 PM // 12:55:21.142 PM /                     |                           |   |   |   |
| to automate Signin page of DS_Algo                         |                           |   |   |   |
| @Signin_page(allBlank)<br>@Signin_page(invalidusernamePwd) |                           |   |   |   |

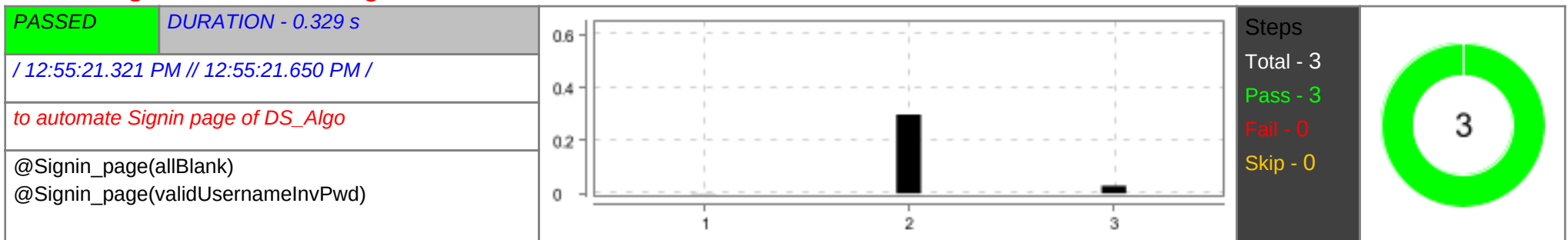
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the DS Algo Introduction Page   | PASSED | 0.001 s  |
| 2 | When The user clicks login button after entering invalid "teamchallengers" and invalid "ds@qateam334h" | PASSED | 0.299 s  |
| 3 | Then The user should able to see an error message "Invalid Username and Password".                     | PASSED | 0.044 s  |

## DS Algo Introduction Page



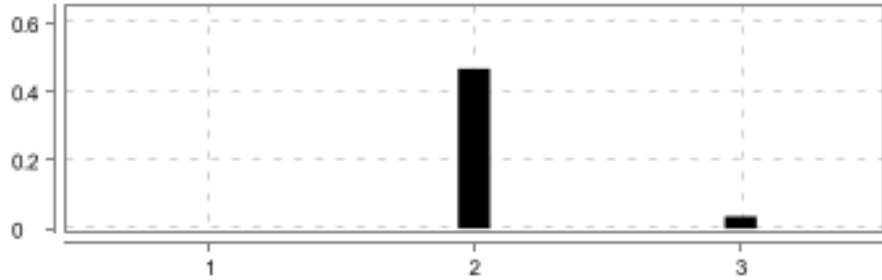

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the DS Algo Introduction Page  | PASSED | 0.001 s  |
| 2 | When The user clicks login button after entering valid "Trioteamchallengers" and invalid "" | PASSED | 0.131 s  |
| 3 | Then The user should able to see an error message "Invalid Username and Password".          | PASSED | 0.017 s  |

### DS Algo Introduction Page





| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the DS Algo Introduction Page   | PASSED | 0.001 s  |
| 2 | When The user clicks login button after entering valid "Trioteamchallengers" and invalid "ds@qateam334h" | PASSED | 0.298 s  |
| 3 | Then The error message "Please fill out this field." appears below Username textbox                      | PASSED | 0.029 s  |

### DS Algo Introduction Page

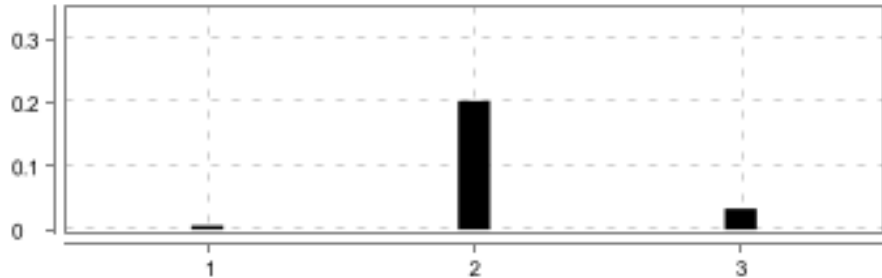

|  |                    |  |   |   |
|--|--------------------|--|---|---|
| <b>PASSED</b>                              | DURATION - 0.516 s |  | <b>Steps</b><br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 12:55:21.656 PM // 12:55:22.172 PM /     |                    |  |   |   |
| to automate Signin page of DS_Algo         |                    |  |   |   |
| @Signin_page(allBlank) @Signin_page(valid) |                    |  |   |   |

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the DS Algo Introduction Page   | PASSED | 0.000 s  |
| 2 | When The user clicks login button after entering valid "Trioteamchallengers" and valid "triothebest@123" | PASSED | 0.467 s  |
| 3 | Then The user should land in Data Structure Home Page with "You are logged in" message                   | PASSED | 0.035 s  |

## To Automate the page of Array

|   |  |   |  |   |  |
|---|--|---|--|---|--|
| <div>FAILED</div> <div>DURATION - 8.275 s</div> |  | <div>Scenarios</div> <div>Total - 21</div> <div>Pass - 19</div> <div>Fail - 2</div> <div>Skip - 0</div> | <div></div> | <div>Steps</div> <div>Total - 65</div> <div>Pass - 63</div> <div>Fail - 2</div> <div>Skip - 0</div> | <div></div> |
| / 12:55:22.185 PM // 12:55:30.460 PM /          |  |   |  |   |  |
|   |  |   |  |   |  |

## Home Page

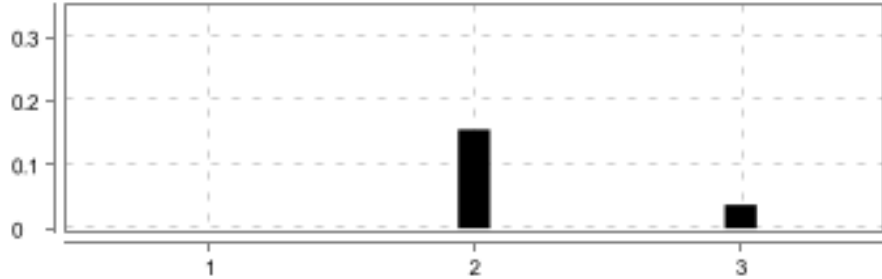

|   |   |   |  |
|---|---|---|--|
| <div>PASSED</div> <div>DURATION - 0.243 s</div>   | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 12:55:22.185 PM // 12:55:22.428 PM /</div> |   |   |  |
| <div>To Automate the page of Array</div>          |   |   |  |
| <div>@HomePage</div>                              |   |   |  |

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the DS Algo Home Page                                     | PASSED | 0.006 s  |
| 2 | When The user clicks Get Started button below the Data structures-Introduction | PASSED | 0.202 s  |



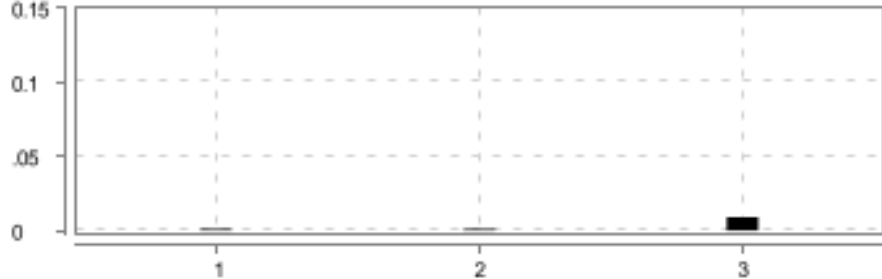

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 3 | Then The user should land in "Data Structures-Introduction Page" DS page | PASSED | 0.033 s  |

### Data Structure Home page

|  |                    |  |  |   |
|--|--------------------|--|--|---|
| PASSED                                 | DURATION - 0.195 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 12:55:22.438 PM // 12:55:22.633 PM / |                    |  |  |   |
| To Automate the page of Array          |                    |  |  |   |
| @DSPage                                |                    |  |  |   |

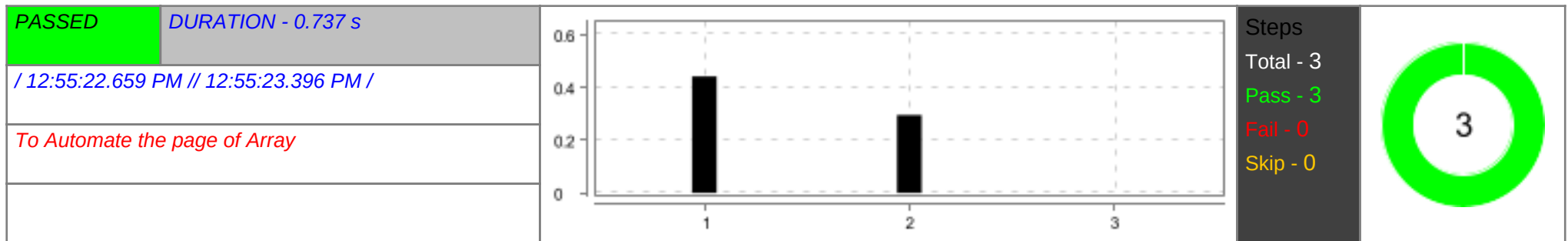
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the Data Structure Introduction Page       | PASSED | 0.000 s  |
| 2 | When The user clicks Time Complexity link                       | PASSED | 0.155 s  |
| 3 | Then The user should be redirected to "Time Complexity" TC page | PASSED | 0.037 s  |

### Time Complexity Page

|  |                    |   |  |  |
|--|--------------------|---|--|--|
| PASSED                                 | DURATION - 0.012 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 12:55:22.639 PM // 12:55:22.651 PM / |                    |   |  |  |
| To Automate the page of Array          |                    |   |  |  |
| @ComplexityPage                        |                    |   |  |  |

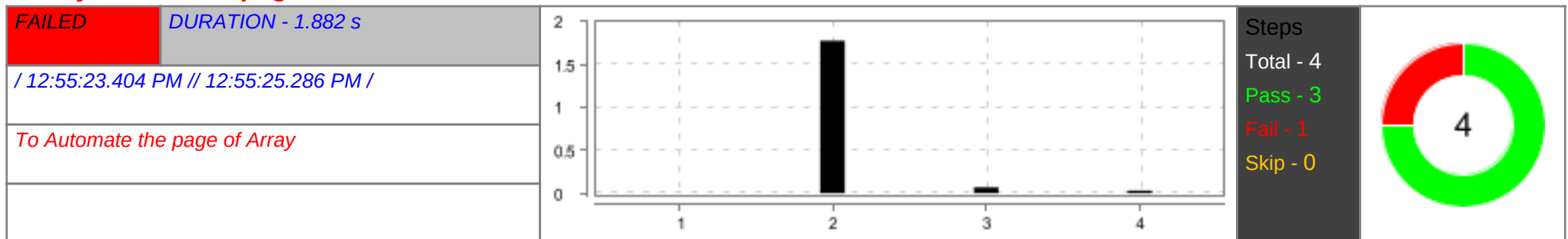
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the Time Complexity Page   | PASSED | 0.001 s  |
| 2 | When The user clicks Try Here button of Time Complexity page  | PASSED | 0.001 s  |
| 3 | Then The user should be redirected to a page having an Python Editor with a url "https://dsportalapp.herokuapp.com/tryEditor" | PASSED | 0.009 s  |

### Python Editor page without data



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on tryEditor page   | PASSED | 0.442 s  |
| 2 | When The user clicks the run button without entering the code in the Editor | PASSED | 0.295 s  |
| 3 | Then Nothing happens to the page and no error message is displayed          | PASSED | 0.000 s  |

### Python Editor page with Invalid data



| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given User is on the tryEditor page   | PASSED | 0.000 s  |
| 2 | And enters the data in the Editor after reading data from excel sheet "Python_code" with column_name "Python_Valid_Data" and row_number 2   | PASSED | 1.778 s  |
| 3 | When The User clicks a run button   | PASSED | 0.068 s  |
| 4 | Then The user see error msg in alert window and press ok button   | FAILED | 0.028 s  |
|   | org.openqa.selenium.NoAlertPresentException: no such alert (Session info: chrome=119.0.6045.199) Build info: version: '4.15.0', revision: '1d14b5521b' System info: os.name: 'Windows 11', os.arch: 'amd64', os.version: '10.0', java.version: '19.0.2' Driver info: org.openqa.selenium.chrome.ChromeDriver Command: [92a9ec40614451d0a2f02b8de964d394, getAlertText {}] Capabilities {acceptInsecureCerts: false, browserName: chrome, browserVersion: 119.0.6045.199, chrome: {chromedriverVersion: 119.0.6045.105 (38c72552c5e..., userDataDir: C:\Users\lenggn\AppData\Loca...}, fedcm:accounts: true, goog:chromeOptions: {debuggerAddress: localhost:33599}, networkConnectionEnabled: false, pageLoadStrategy: normal, platformName: windows, proxy: Proxy(), se.cdp: ws://localhost:33599/devtoo..., se.cdpVersion: 119.0.6045.199, setWindowRect: true, strictFileInteractability: false, timeouts: {implicit: 0, pageLoad: 300000, script: 30000}, |        |          |

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
|   | <p>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: 92a9ec40614451d0a2f02b8de964d394</p> <p>at java.base/jdk.internal.reflect.DirectConstructorHandleAccessor.newInstance(DirectConstructorHandleAccessor.java:67)<br/> at java.base/java.lang.reflect.Constructor.newInstanceWithCaller(Constructor.java:500)<br/> at java.base/java.lang.reflect.Constructor.newInstance(Constructor.java:484)<br/> at org.openqa.selenium.remote.codec.w3c.W3CHttpResponseCodec.createException(W3CHttpResponseCodec.java:200)<br/> at org.openqa.selenium.remote.codec.w3c.W3CHttpResponseCodec.decode(W3CHttpResponseCodec.java:133)<br/> at org.openqa.selenium.remote.codec.w3c.W3CHttpResponseCodec.decode(W3CHttpResponseCodec.java:52)<br/> at org.openqa.selenium.remote.HttpCommandExecutor.execute(HttpCommandExecutor.java:191)<br/> at org.openqa.selenium.remote.service.DriverCommandExecutor.invokeExecute(DriverCommandExecutor.java:200)<br/> at org.openqa.selenium.remote.service.DriverCommandExecutor.execute(DriverCommandExecutor.java:175)<br/> at org.openqa.selenium.remote.RemoteWebDriver.execute(RemoteWebDriver.java:607)<br/> at org.openqa.selenium.remote.RemoteWebDriver.execute(RemoteWebDriver.java:680)<br/> at org.openqa.selenium.remote.RemoteWebDriver.execute(RemoteWebDriver.java:684)<br/> at org.openqa.selenium.remote.RemoteWebDriver\$RemoteTargetLocator.alert(RemoteWebDriver.java:1252)<br/> at pages.DSTryhere_PF.acceptAlertMsg(DSTryhere_PF.java:36)<br/> at steppDef.ds_AlgoTryEditorSteps.the_user_see_error_msg_in_alert_window(ds_AlgoTryEditorSteps.java:96)<br/> at ?.The user see error msg in alert window and press ok button(file:///C:/Users/enggn/eclipse-workspace/DS_AlgoCh/src/test/resources/feature/04_dsDataStructInt.feature:30)</p> <p>* Not displayable characters are replaced by '?'. </p> |        |          |

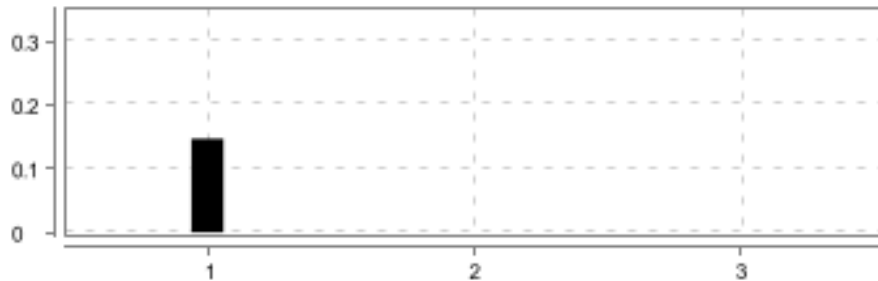

### Python Editor page with valid data

| <b>FAILED</b>                          |              | DURATION - 1.001 s |  | <table border="1"><thead><tr><th>Step</th><th>Duration (s)</th></tr></thead><tbody><tr><td>1</td><td>0.139</td></tr><tr><td>2</td><td>0.786</td></tr><tr><td>3</td><td>0.060</td></tr><tr><td>4</td><td>0.009</td></tr></tbody></table> | Step | Duration (s) | 1 | 0.139 | 2 | 0.786 | 3 | 0.060 | 4 | 0.009 | <div>Steps</div> <div>Total - 4</div> <div>Pass - 3</div> <div>Fail - 1</div> <div>Skip - 0</div> | <div>4</div> |
|--|--------------|--------------------|--|---|------|--------------|---|-------|---|-------|---|-------|---|-------|---|--------------|
| Step                                   | Duration (s) |                    |  |   |      |              |   |       |   |       |   |       |   |       |   |              |
| 1                                      | 0.139        |                    |  |   |      |              |   |       |   |       |   |       |   |       |   |              |
| 2                                      | 0.786        |                    |  |   |      |              |   |       |   |       |   |       |   |       |   |              |
| 3                                      | 0.060        |                    |  |   |      |              |   |       |   |       |   |       |   |       |   |              |
| 4                                      | 0.009        |                    |  |   |      |              |   |       |   |       |   |       |   |       |   |              |
| / 12:55:25.319 PM // 12:55:26.320 PM / |              |                    |  |   |      |              |   |       |   |       |   |       |   |       |   |              |
| To Automate the page of Array          |              |                    |  |   |      |              |   |       |   |       |   |       |   |       |   |              |
|  |              |                    |  |   |      |              |   |       |   |       |   |       |   |       |   |              |

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the tryEditor page   | PASSED | 0.139 s  |
| 2 | And enters data in the Editor after reading data from excel sheet "Python_code" with column_name "Python_Invalid_Data" and row_number 2 | PASSED | 0.786 s  |
| 3 | When User clicks a run button   | PASSED | 0.060 s  |
| 4 | Then output should be displayed on the console  | FAILED | 0.009 s  |

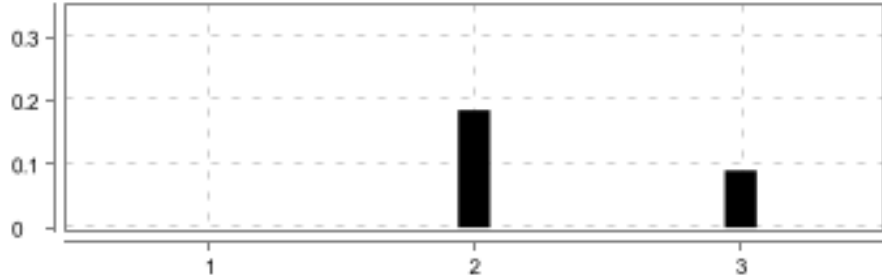

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
|   | <p>org.openqa.selenium.UnhandledAlertException: unexpected alert open: {Alert text : SyntaxError: bad input on line 1} (Session info: chrome=119.0.6045.199): SyntaxError: bad input on line 1 Build info: version: '4.15.0', revision: '1d14b5521b' System info: os.name: 'Windows 11', os.arch: 'amd64', os.version: '10.0', java.version: '19.0.2' Driver info: org.openqa.selenium.chrome.ChromeDriver Command: [92a9ec40614451d0a2f02b8de964d394, findElement {using=xpath, value=//pre[@id='output']}] Capabilities {acceptInsecureCerts: false, browserName: chrome, browserVersion: 119.0.6045.199, chrome: {chromedriverVersion: 119.0.6045.105 (38c72552c5e..., userDataDir: C:\Users\enggn\AppData\Loca...}, fedcm:accounts: true, goog:chromeOptions: {debuggerAddress: localhost:33599}, networkConnectionEnabled: false, pageLoadStrategy: normal, platformName: windows, proxy: Proxy(), se:cdp: ws://localhost:33599/devtoo..., se:cdpVersion: 119.0.6045.199, setWindowRect: true, strictFileInteractability: false, timeouts: {implicit: 0, pageLoad: 300000, script: 30000}, unhandledPromptBehavior: dismiss and notify, webauthn:extension:credBlob: true, webauthn:extension:largeBlob: true, webauthn:extension:minPinLength: true, webauthn:extension:prf: true, webauthn:virtualAuthenticators: true} Session ID: 92a9ec40614451d0a2f02b8de964d394</p> <p>at org.openqa.selenium.remote.codec.w3c.W3CHttpResponseCodec.decode(W3CHttpResponseCodec.java:131)<br/> at org.openqa.selenium.remote.codec.w3c.W3CHttpResponseCodec.decode(W3CHttpResponseCodec.java:52)<br/> at org.openqa.selenium.remote.HttpCommandExecutor.execute(HttpCommandExecutor.java:191)<br/> at org.openqa.selenium.remote.service.DriverCommandExecutor.invokeExecute(DriverCommandExecutor.java:200)<br/> at org.openqa.selenium.remote.service.DriverCommandExecutor.execute(DriverCommandExecutor.java:175)<br/> at org.openqa.selenium.remote.RemoteWebDriver.execute(RemoteWebDriver.java:607)<br/> at org.openqa.selenium.remote.ElementLocation\$ElementFinder\$2.findElement(ElementLocation.java:165)<br/> at org.openqa.selenium.remote.ElementLocation.findElement(ElementLocation.java:59)<br/> at org.openqa.selenium.remote.RemoteWebDriver.findElement(RemoteWebDriver.java:364)<br/> at org.openqa.selenium.remote.RemoteWebDriver.findElement(RemoteWebDriver.java:358)<br/> at org.openqa.selenium.support.pagefactory.DefaultElementLocator.findElement(DefaultElementLocator.java:68)<br/> at org.openqa.selenium.support.pagefactory.internal.LocatingElementHandler.invoke(LocatingElementHandler.java:38)<br/> at jdk.proxy2/jdk.proxy2.\$Proxy29.getText(Unknown Source)<br/> at pages.DSTryhere_PF.getConsoleOutput(DSTryhere_PF.java:99)<br/> at steppDef.ds_AlgoTryEditorSteps.output_should_be_displayed_on_the_console(ds_AlgoTryEditorSteps.java:44)<br/> at ?.output should be displayed on the console(file:///C:/Users/enggn/eclipse-workspace/DS_AlgoCh/src/test/resources/feature/04_dsDataStructInt.feature:40)</p> <p>* Not displayable characters are replaced by '?'. </p> |        |          |

**User go back to the previous page**

|   |  |   |  |  |
|---|--|---|--|--|
| <div><div>PASSED</div><div>DURATION - 0.155 s</div></div> |  | <div></div> | <div><div>Steps</div><div>Total - 3</div><div>Pass - 3</div><div>Fail - 0</div><div>Skip - 0</div></div> | <div></div> |
| <div>/ 12:55:26.345 PM // 12:55:26.500 PM /</div>         |  |   |  |  |
| <div>To Automate the page of Array</div>                  |  |   |  |  |
|   |  |   |  |  |

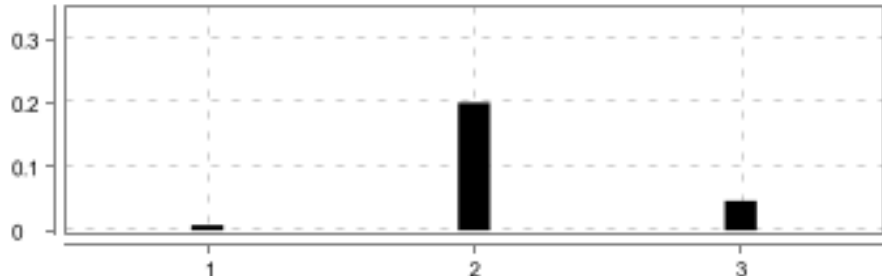

| # | Step / Hook Details                         | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is already on tryEditor page | PASSED | 0.147 s  |
| 2 | When User able to see output in console     | PASSED | 0.000 s  |
| 3 | Then User go back to the previous page      | PASSED | 0.000 s  |

### Time Complexity Page

|  |                    |  |  |   |
|--|--------------------|--|--|---|
| PASSED                                 | DURATION - 0.278 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 12:55:26.516 PM // 12:55:26.794 PM / |                    |  |  |   |
| To Automate the page of Array          |                    |  |  |   |
| @PracticePage                          |                    |  |  |   |

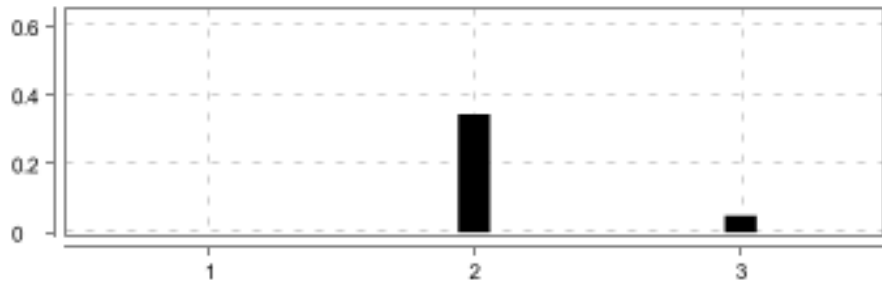

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Time Complexity Page                          | PASSED | 0.000 s  |
| 2 | When The user clicks Practice Questions link of DS                     | PASSED | 0.185 s  |
| 3 | Then The user does not find any practice problems and the page is null | PASSED | 0.090 s  |

### Home Page

|  |                    |   |  |  |
|--|--------------------|---|--|--|
| PASSED                                 | DURATION - 0.254 s |  | Steps<br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 12:55:26.835 PM // 12:55:27.089 PM / |                    |   |  |  |
| To Automate the page of Array          |                    |   |  |  |
|  |                    |   |  |  |

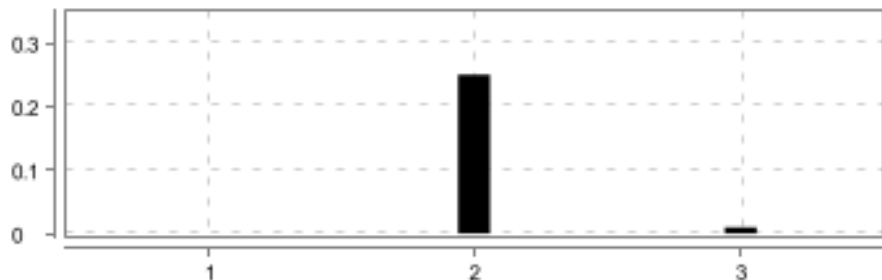

| # | Step / Hook Details                                       | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the DS Algo Home Page                | PASSED | 0.008 s  |
| 2 | When The user clicks "Get Started" button below the array | PASSED | 0.200 s  |
| 3 | Then The user should be redirected to "Array" page        | PASSED | 0.046 s  |

**Array Page**

|   |                               |   |   |  |
|---|-------------------------------|---|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 0.393 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 12:55:27.105 PM // 12:55:27.498 PM /</div> |                               |   |   |  |
| <div>To Automate the page of Array</div>          |                               |   |   |  |
|   |                               |   |   |  |

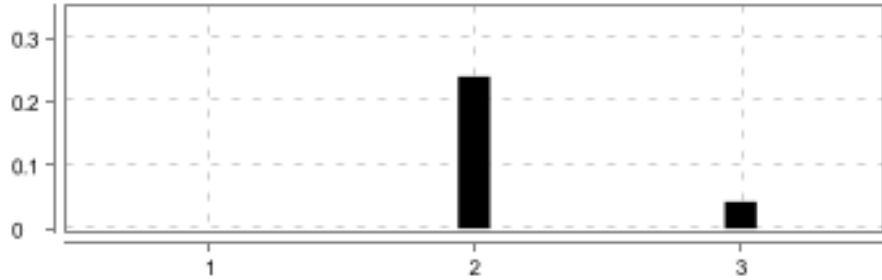

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the Array page                             | PASSED | 0.000 s  |
| 2 | When The user clicks a Arrays in Python link                    | PASSED | 0.344 s  |
| 3 | Then The user should be redirected to "Array in Python" AP Page | PASSED | 0.049 s  |

**Array Page**

|   |                               |  |  |  |
|---|-------------------------------|--|--|--|
| <div>PASSED</div>                                 | <div>DURATION - 0.260 s</div> | <div></div> | <div><div>Steps</div><div>Total - 3</div><div>Pass - 3</div><div>Fail - 0</div><div>Skip - 0</div></div> | <div></div> |
| <div>/ 12:55:27.514 PM // 12:55:27.774 PM /</div> |                               |  |  |  |
| <div>To Automate the page of Array</div>          |                               |  |  |  |
|   |                               |  |  |  |

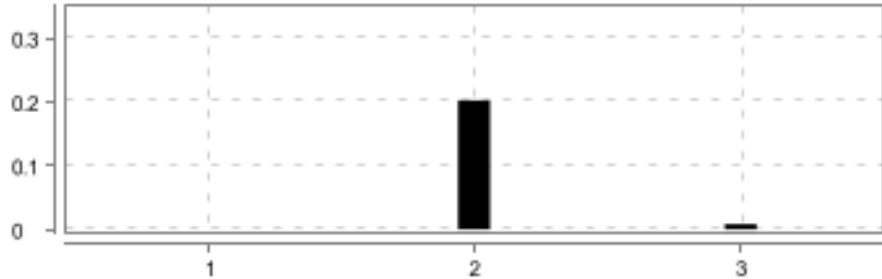

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the Array page   | PASSED | 0.000 s  |
| 2 | When The user clicks Try Here button of Array in Python Page  | PASSED | 0.250 s  |
| 3 | Then The user should be redirected to a page having an Python Editor with a url "https://dsportalapp.herokuapp.com/tryEditor" | PASSED | 0.010 s  |

**Array in Python Page**

|   |   |   |  |
|---|---|---|--|
| <div>PASSED</div> <div>DURATION - 0.295 s</div>   | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 12:55:27.790 PM // 12:55:28.085 PM /</div> |   |   |  |
| <div>To Automate the page of Array</div>          |   |   |  |
| <div>@pythonEditor</div>                          |   |   |  |

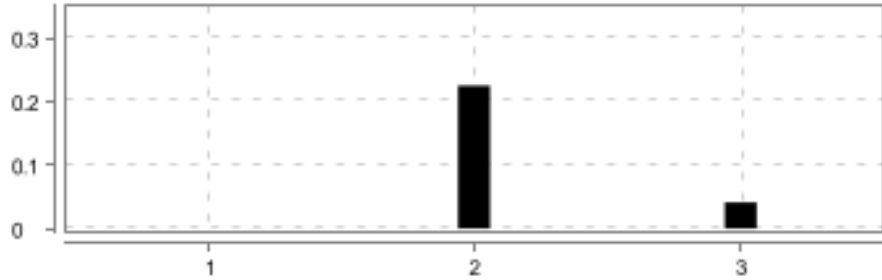

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Array in Python Page                      | PASSED | 0.000 s  |
| 2 | When The user clicks a Arrays Using List link                      | PASSED | 0.239 s  |
| 3 | Then The user should be redirected to "Arrays Using List" AL page. | PASSED | 0.042 s  |

### Array Using List Page

|  |                    |  |   |   |
|--|--------------------|--|---|---|
| <b>PASSED</b>                          | DURATION - 0.227 s |  | <b>Steps</b><br>Total - 3<br>Pass - 3<br>Fail - 0<br>Skip - 0 |  |
| / 12:55:28.098 PM // 12:55:28.325 PM / |                    |  |   |   |
| To Automate the page of Array          |                    |  |   |   |
|  |                    |  |   |   |

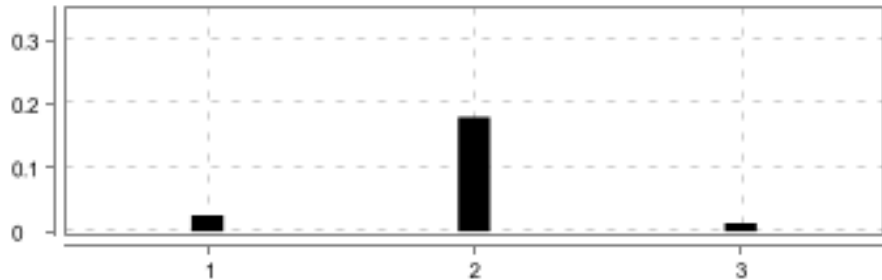

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the Array Using List page  | PASSED | 0.000 s  |
| 2 | When The user clicks Try Here button of Array Using List Page   | PASSED | 0.202 s  |
| 3 | Then The user should be redirected to a page having an Python Editor with a url "https://dsportalapp.herokuapp.com/tryEditor" | PASSED | 0.008 s  |

### Array Using List Page

|   |                               |   |   |  |
|---|-------------------------------|---|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 0.266 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 12:55:28.344 PM // 12:55:28.610 PM /</div> |                               |   |   |  |
| <div>To Automate the page of Array</div>          |                               |   |   |  |
|   |                               |   |   |  |

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Array Using List page                             | PASSED | 0.000 s  |
| 2 | When The user clicks a Basic Operations in Lists link                      | PASSED | 0.225 s  |
| 3 | Then The user should be redirected to "Basic Operations in Lists" BO page. | PASSED | 0.041 s  |

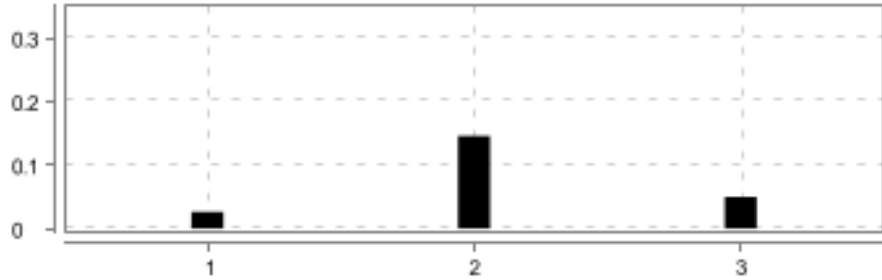

### Basic operations in Lists page

|   |                               |   |   |  |
|---|-------------------------------|---|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 0.227 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 12:55:28.618 PM // 12:55:28.845 PM /</div> |                               |   |   |  |
| <div>To Automate the page of Array</div>          |                               |   |   |  |
|   |                               |   |   |  |

| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the Basic Operations in Lists page   | PASSED | 0.025 s  |
| 2 | When The user clicks Try Here button of Operations in Lists Page  | PASSED | 0.179 s  |
| 3 | Then The user should be redirected to a page having an Python Editor with a url "https://dsportalapp.herokuapp.com/tryEditor" | PASSED | 0.013 s  |

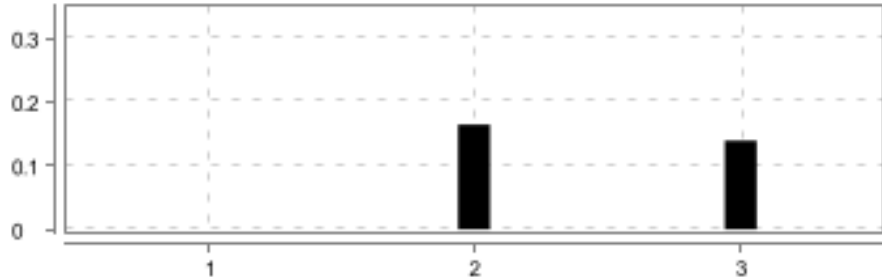

### Basic operations in Lists page



|   |                               |   |   |  |
|---|-------------------------------|---|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 0.222 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 12:55:28.857 PM // 12:55:29.079 PM /</div> |                               |   |   |  |
| <div>To Automate the page of Array</div>          |                               |   |   |  |
|   |                               |   |   |  |

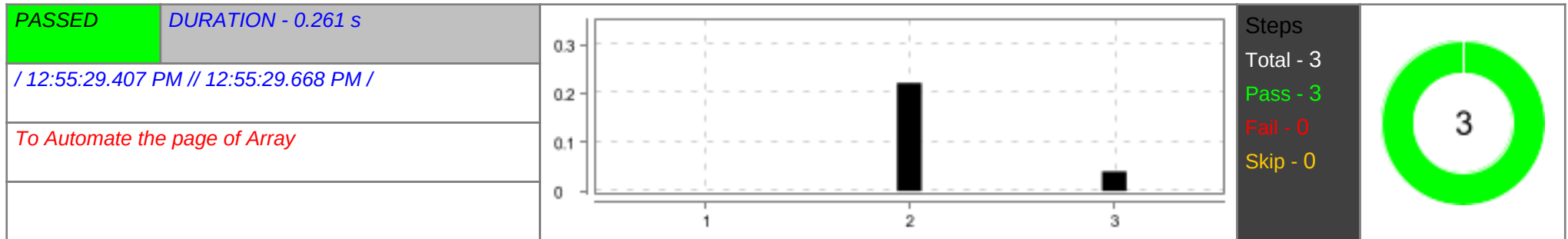
| # | Step / Hook Details   | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the Basic Operations in Lists page                 | PASSED | 0.026 s  |
| 2 | When The user clicks an Applications of Array link                      | PASSED | 0.146 s  |
| 3 | Then The user should be redirected to " Applications of Array" AA page. | PASSED | 0.050 s  |

### Application of Array page

|   |   |  |  |
|---|---|--|--|
| <div><div>PASSED</div><div>DURATION - 0.303 s</div></div> | <div></div> | <div><div>Steps</div><div>Total - 3</div><div>Pass - 3</div><div>Fail - 0</div><div>Skip - 0</div></div> | <div></div> |
| <div>/ 12:55:29.096 PM // 12:55:29.399 PM /</div>         |   |  |  |
| <div>To Automate the page of Array</div>                  |   |  |  |
|   |   |  |  |

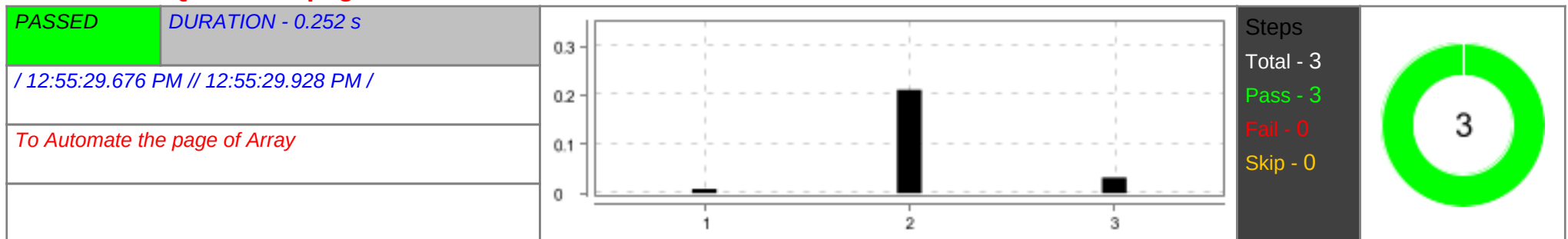
| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Applications of Array page  | PASSED | 0.000 s  |
| 2 | When The user clicks Practice Questions link   | PASSED | 0.164 s  |
| 3 | Then The user should be redirected to practice page having links like "Search the array." ,"Max Consecutive Ones","Find Numbers with Even Number of Digits" and "Squares of a Sorted Array." | PASSED | 0.139 s  |

### Practice Questions page



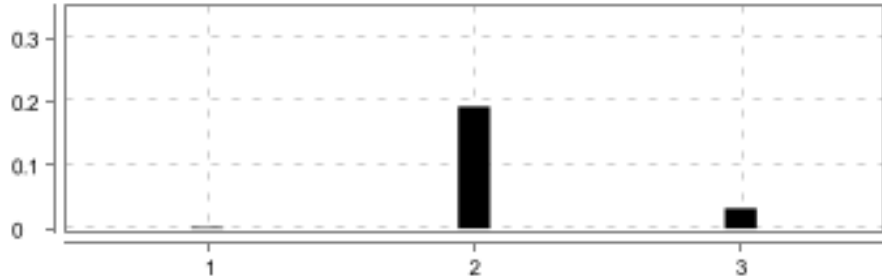

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on Practice page   | PASSED | 0.000 s  |
| 2 | When The user clicks search the array link   | PASSED | 0.221 s  |
| 3 | Then The user should be redirected to "QUESTION" page contains a question,an tryEditor with Run and Submit buttons | PASSED | 0.040 s  |

### Practice Questions page



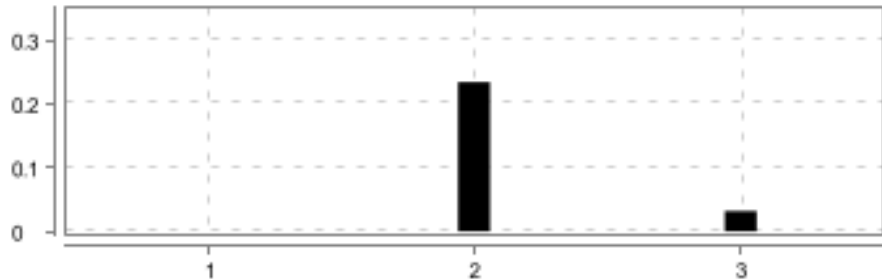

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on Practice page   | PASSED | 0.009 s  |
| 2 | When The user clicks Max consecutive ones link   | PASSED | 0.211 s  |
| 3 | Then The user should be redirected to "QUESTION" page contains a question,an tryEditor with Run and Submit buttons | PASSED | 0.032 s  |

### Practice Questions page

|   |                               |   |   |  |
|---|-------------------------------|---|---|--|
| <div>PASSED</div>                                 | <div>DURATION - 0.234 s</div> | <div></div> | <div>Steps</div> <div>Total - 3</div> <div>Pass - 3</div> <div>Fail - 0</div> <div>Skip - 0</div> | <div></div> |
| <div>/ 12:55:29.944 PM // 12:55:30.178 PM /</div> |                               |   |   |  |
| <div>To Automate the page of Array</div>          |                               |   |   |  |
|   |                               |   |   |  |

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on Practice page   | PASSED | 0.002 s  |
| 2 | When The user clicks Find numbers with even number of digits link  | PASSED | 0.192 s  |
| 3 | Then The user should be redirected to "QUESTION" page contains a question,an tryEditor with Run and Submit buttons | PASSED | 0.032 s  |

### Practice Questions page

|   |                               |   |  |  |
|---|-------------------------------|---|--|--|
| <div>PASSED</div>                                 | <div>DURATION - 0.274 s</div> | <div></div> | <div><div>Steps</div><div>Total - 3</div><div>Pass - 3</div><div>Fail - 0</div><div>Skip - 0</div></div> | <div></div> |
| <div>/ 12:55:30.186 PM // 12:55:30.460 PM /</div> |                               |   |  |  |
| <div>To Automate the page of Array</div>          |                               |   |  |  |
|   |                               |   |  |  |

| # | Step / Hook Details  | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on Practice page   | PASSED | 0.000 s  |
| 2 | When The user clicks squared of the sorted array link  | PASSED | 0.234 s  |
| 3 | Then The user should be redirected to "QUESTION" page contains a question,an tryEditor with Run and Submit buttons | PASSED | 0.032 s  |