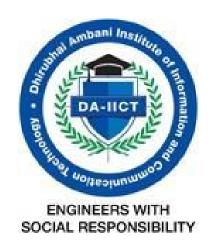# IT314 Software Engineering

# GUI Testing

# Software Engineering

# Project Group 30

# 30 November 2024

## List of Webpages in DealsDone
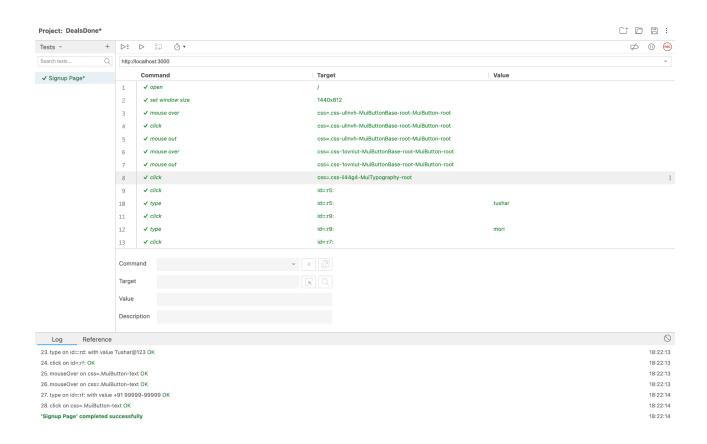
1. Signup Page

2. LogIn Page

3. Homepage

4. Homepage After Login

5. About Us Page

6. Seller Page

7. Add Product Page

8. Product Page

9. Cart Page

# 1. SignUp Page:

| Functionality | Comments | Errors to be resolved |
|---|---|---|
| Text | Done, All text aligned | None |
| Text-fields | Done, all text fields working | None |
| Dropdown | No drop-down | None |
| Buttons | Done | None |
| Check Box | No Check Box | None |
| Radio Button | Not present | None |
| Image | Good selection of images which provides a nice contrast to the theme. | None |
| Other | Great UI Overall | None |

# Test cases in selenium:

Project: DealsDone*

| | Command | Target | Value |
|---|---|---|---|
| | Tests | | |
| | Search tests... | http://localhost:3000 | |
| ✓ Signup Page* | | | |
| 1 | ✓ open | / | |
| 2 | ✓ set window size | 1440x812 | |
| 3 | ✓ mouse over | css=.css-ullnvh-MuiButtonBase-root-MuiButton-root | |
| 4 | ✓ click | css=.css-ullnvh-MuiButtonBase-root-MuiButton-root | |
| 5 | ✓ mouse out | css=.css-ullnvh-MuiButtonBase-root-MuiButton-root | |
| 6 | ✓ mouse over | css=.css-1ovnlut-MuiButtonBase-root-MuiButton-root | |
| 7 | ✓ mouse out | css=.css-1ovnlut-MuiButtonBase-root-MuiButton-root | |
| 8 | ✓ click | css=.css-ii44g4-MuiTypography-root | |
| 9 | ✓ click | id=:r5: | |
| 10 | ✓ type | id=:r5: | tushar |
| 11 | ✓ click | id=:r9: | |
| 12 | ✓ type | id=:r9: | mori |
| 13 | ✓ click | id=:r7: | |

Command

Target

Value

Description

Log    Reference

23. type on id=:rd: with value Tushar@123 OK     18:22:13
24. click on id=:rf: OK     18:22:13
25. mouseOver on css=.MuiButton-text OK     18:22:13
26. mouseOver on css=.MuiButton-text OK     18:22:13
27. type on id=:rf: with value +91 99999-99999 OK     18:22:14
28. click on css=.MuiButton-text OK     18:22:14
**'Signup Page' completed successfully**     18:22:14

## 2. LogIn Page:

| Functionality | Comments | Errors to be resolved |
|---|---|---|
| Text | Done, All text aligned | None |
| Text-fields | Done, all text fields working | None |
| Dropdown | No drop-down | None |
| Buttons | Done, Buttons have a nice style making them easy to read | Login error initially, Fixed Now. |
| Check Box | No Check Box | None |
| Radio Button | Not present | None |
| Image | Good selection of images | None |
| Other | Great UI Overall | None |

## Test cases in selenium:

Project: **DealsDone***

| Tests | | |
|---|---|---|
| Search tests... | | |

✓ **Login page***
✓ **Signup Page***

http://localhost:3000

| | Command | Target | Value |
|---|---|---|---|
| 1 | ✓ open | / | |
| 2 | ✓ set window size | 1440x812 | |
| 3 | ✓ click | css=.css-ullnvh-MuiButtonBase-root-MuiButton-root | |
| 4 | ✓ mouse down | id=:r5: | |
| 5 | ✓ mouse up | id=:r5:-label | |
| 6 | ✓ click | css=.MuiFormControl-root:nth-child(1) | |
| 7 | ✓ type | id=:r5: | tushar123 |
| 8 | ✓ mouse down | id=:r7: | |
| 9 | ✓ mouse up | id=:r7:-label | |
| 10 | ✓ click | css=.MuiFormControl-root:nth-child(2) | |
| 11 | ✓ mouse over | css=.MuiIconButton-edgeEnd | |
| 12 | ✓ mouse over | css=.MuiIconButton-edgeEnd path | |
| 13 | ✓ click | css=.MuiIconButton-edgeEnd path | |

Command

Target

Value

Description

| Log | Reference | ⊘ |
|---|---|---|

11. mouseOver on css=.MuiIconButton-edgeEnd OK    18:24:43
12. mouseOver on css=.MuiIconButton-edgeEnd path OK    18:24:44
13. click on css=.MuiIconButton-edgeEnd path OK    18:24:45
14. mouseOver on css=.css-3uz8ua-MuiButtonBase-root-MuiButton-root OK    18:24:46
15. click on css=.css-3uz8ua-MuiButtonBase-root-MuiButton-root OK    18:24:47
16. mouseOver on css=.MuiButton-text OK    18:24:48
**'Login page' completed successfully**    18:24:49

# 3. HomePage:

| Functionality | Comments | Errors to be resolved |
|---|---|---|
| Text | Done, All text aligned | None |
| Text-fields | One text-field (included in search bar testing) | None |
| Dropdown | One Dropdown (included in search bar testing) | None |
| Buttons | 'VIEW ALL' Button does not function | It should display desired results |
| Check Box | No Check Box | None |
| Radio Button | Not present | None |
| Hyperlink | Advertisements not routing to desired page | They Should Route |
| Image | Repetitive Images | More distinct images to be added |
| Other | Poor UI Overall | None |

## Test cases in selenium

Project: DealsDone*

Tests

Search tests...

✓ About us*

✓ Homepage*

✓ Login page*

NavigationBar

✓ Signup Page*

http://localhost:3000

| | Command | Target | Value |
|---|---|---|---|
| 1 | ✓ open | / | |
| 2 | ✓ set window size | 1440x812 | |
| 3 | ✓ click | css=.css-g3pe7h > img | |
| 4 | ✓ click | css=.react-multi-carousel-list:nth-child(1) > .react-multiple-carousel__arrow--right | |
| 5 | ✓ click | css=.react-multi-carousel-list:nth-child(1) > .react-multiple-carousel__arrow--right | |
| 6 | ✓ click | css=.react-multi-carousel-list:nth-child(1) > .react-multiple-carousel__arrow--right | |
| 7 | ✓ click | css=.react-multi-carousel-list:nth-child(1) > .react-multiple-carousel__arrow--right | |
| 8 | ✓ click | css=.MuiBox-root:nth-child(4) .react-multi-carousel-item:nth-child(13) .css-1e935dx | |
| 9 | ✓ run script | window.scrollTo(0,0) | |
| 10 | ✓ click | css=.css-g3pe7h > img | |

Command

Target

Value

Description

Log    Reference

5.  click on css=.react-multi-carousel-list:nth-child(1) > .react-multiple-carousel__arrow--right OK          18:55:58
6.  click on css=.react-multi-carousel-list:nth-child(1) > .react-multiple-carousel__arrow--right OK          18:55:59
7.  click on css=.react-multi-carousel-list:nth-child(1) > .react-multiple-carousel__arrow--right OK          18:56:00
8.  click on css=.MuiBox-root:nth-child(4) .react-multi-carousel-item:nth-child(13) .css-1e935dx OK          18:56:01
9.  runScript on window.scrollTo(0,0) OK          18:56:02
10. click on css=.css-g3pe7h > img OK          18:56:03
'Homepage' completed successfully          18:56:05

## 4. Homepage after Login:

| Functionality | Comments | Errors to be resolved |
|---|---|---|
| Text | Done, All text aligned | None |
| Text-fields | One text-field (included in search bar testing) | None |
| Dropdown | In Search Bar | None |
| Buttons | Some Buttons do not route as they are supposed to. | None |
| Check Box | No Check Box | None |
| Radio Button | Not present | None |
| Hyperlink | All links working perfectly | None |
| Image | Good selection of images | None |
| Other | Good UI Overall | None |

## Selenium Test Cases:

Project: **DealsDone***

| | | | |
|---|---|---|---|
| Tests ⌄ | + | | |
| Search tests... | | http://localhost:3000 | |

| | Command | Target | Value |
|---|---|---|---|
| | ✓ About us* | | |
| 1 | ✓ open | / | |
| | ✓ HomePage after Login* | | |
| 2 | ✓ set window size | 1440x812 | |
| | ✓ Homepage* | | |
| 3 | ✓ click | css=.css-ullnvh-MuiButtonBase-root-MuiButton-root | |
| | ✓ Login page* | | |
| 4 | ✓ click | id=::r5: | |
| | NavigationBar | | |
| 5 | ✓ type | id=::r5: | tushar123 |
| | ✓ Signup Page* | | |
| 6 | ✓ mouse down | id=::r7: | |
| 7 | ✓ mouse up | id=::r7:-label | |
| 8 | ✓ click | css=.MuiFormControl-root:nth-child(2) | |
| 9 | ✓ mouse over | css=.css-3uz8ua-MuiButtonBase-root-MuiButton-root | |
| 10 | ✓ type | id=::r7: | Tushar@123 |
| 11 | ✓ click | css=.css-3uz8ua-MuiButtonBase-root-MuiButton-root | |
| 12 | ✓ click | css=.css-g3pe7h > img | |
| 13 | ✓ click | css=.react-multi-carousel-list:nth-child(1) > .react-multiple-carou sel__arrow--right | |

| | |
|---|---|
| Command | |
| Target | |
| Value | |
| Description | |

**Log**    Reference

| | |
|---|---|
| 16. click on css=.MuiButton-text OK | 19:01:25 |
| 17. mouseOut on css=.MuiButton-text OK | 19:01:26 |
| 18. click on css=.MuiBackdrop-root OK | 19:01:27 |
| 19. click on css=.MuiBox-root:nth-child(1) > .react-multi-carousel-list .react-multi-carousel-item:nth-child(14) .css-1e935dx OK | 19:01:28 |
| 20. runScript on window.scrollTo(0,0) OK | 19:01:29 |
| 21. click on css=.css-g3pe7h > img OK | 19:01:30 |
| **'HomePage after Login' completed successfully** | 19:01:32 |

## 5. About Us Page :

| Functionality | Comments | Errors to be resolved |
|---|---|---|
| Text | Done, good UI | None |
| Text-fields | No text field (not required) | None |
| Dropdown | Done , all are working | None |
| Buttons | No Buttons | |
| Check Box | No Check Box | None |
| Radio Button | Not present | None |
| Image | Good selection of images which signifies its role | None |
| Other | Good UI Overall | None |

**Selenium Test cases:**

# 6. Seller Page

| Functionality | Comments | Errors to be resolved |
|---|---|---|
| Text | Done | None |
| Text-fields | No text field (not required) | None |
| Dropdown | More dropdown Not working | Dropdown should work |
| Buttons | Done, Good design of the buttons | None |
| Check Box | No Check Box | None |
| Radio Button | Not present | None |
| Hyperlink | Done | None |
| other | Good UI overall | None |

**Selenium Test Cases:**

# 7. Add Product page

| Functionality | Comments | Errors to be resolved |
|---|---|---|
| Text | Done, All text aligned | None |
| Text-fields | All aligned and works | None |
| Dropdown | No drop-down (not required) | None |
| Buttons | Add product button doesn't give a response. | It should lead to the previous page or should prompt success. |
| Check Box | No Check Box | None |
| Radio Button | Not present | None |
| Hyperlink | Not present | None |
| Image | Not present | None |
| Other | Done | None |

## Selenium Test case:

# 8. Product Page:

| Functionality | Comments | Errors to be resolved |
|---|---|---|
| Text | Done, Good UI, Readable | None |
| Text-fields | Done , Working | None |
| Dropdown | No drop-down (not required) | None |
| Buttons | Done | None |
| Check Box | No Check Box | None |
| Radio Button | Not present | None |
| Hyperlink | Done | None |
| Image | Image Alignment is not good | Need proper alignment |
| Other | Good UI overall | None |

## Selenium Test case:

# 9. Cart Page:

| Functionality | Comments | Errors to be resolved |
|---|---|---|
| Text | Done Readable | None |
| Text-fields | No text field (not required) | None |
| Dropdown | No drop-down (not required) | None |
| Buttons | Quantity button not working | It should increase/decrease quantity |
| Check Box | No Check Box | None |
| Radio Button | Not present | None |
| Hyperlink | Done | None |
| Image | Good alignment | None |
| Other | poor UI overall | Needs improvement |

**Selenium Test Case:**



Project: DealsDone*

| | Command | Target | Value |
|---|---|---|---|
| 1 | ✓ open | / | |
| 2 | ✓ set window size | 1440x812 | |
| 3 | ✓ click | css=.css-uIInvh-MuiButtonBase-root-MuiButton-root | |
| 4 | ✓ click | id=:r5: | |
| 5 | ✓ type | id=:r5: | tushar123 |
| 6 | ✓ click | id=:r7: | |
| 7 | ✓ type | id=:r7: | Tushar@123 |
| 8 | ✓ click | css=.css-3uz8ua-MuiButtonBase-root-MuiButton-root | |
| 9 | ✓ click | css=.MuiBox-root:nth-child(1) > .react-multi-carousel-list .react-multi-carousel-item:nth-child(14) .css-1e935dx | |
| 10 | ✓ run script | window.scrollTo(0,0) | |
| 11 | ✓ mouse over | css=.MuiButtonBase-root:nth-child(3) | |
| 12 | ✓ mouse over | css=.css-1yj0ph-MuiButtonBase-root-MuiButton-root:nth-child(2) | |
| 13 | ✓ click | css=.css-1vi0ph-MuiButtonBase-root-MuiButton-root:nth-child(2) | |

Command: click

Target: css=.css-128nsc3-MuiButtonBase-root-MuiButton-

Value:

Description:

Log   Reference

16. click on css=.css-1yj0ph-MuiButtonBase-root-MuiButton-root:nth-child(2) OK    19:01:13
17. mouseOver on css=.css-1pz2rcc-MuiButtonBase-root-MuiButton-root OK    19:01:14
18. mouseOver on css=.MuiButtonGroup-lastButton OK    19:01:15
19. click on css=.css-1pz2rcc-MuiButtonBase-root-MuiButton-root OK    19:01:16
20. click on css=.css-g3pe7h > img OK    19:01:17
21. click on css=.MuiBox-root:nth-child(1) > .react-multi-carousel-list .react-multi-carousel-item:nth-child(13) .css-1e935dx OK    19:01:18
22. mouseOver on css=.MuiButtonBase-root:nth-child(3) OK    19:01:19

# 10. Search Bar:

| Functionality | Comments | Errors to be resolved |
|---|---|---|
| Text | Placeholder | None |
| Text-fields | Done | None |
| Dropdown | Works Properly, Bad Alignment | Need to adds some category wise products , needs alignment |
| Buttons | Search button not working | It should let us search |
| Check Box | No Check Box | None |
| Radio Button | Not present | None |
| Hyperlink | Not present | None |
| Image | No images | None |
| Other | None | None |

## Selenium Test case:

Project: DealsDone*

Tests

Search tests...    http://localhost:3000

| | Command | Target | Value |
|---|---|---|---|
| ✓ About us* | | | |
| ✓ HomePage after Login* | 1 | ✓ open | / |
| ✓ Homepage* | 2 | ✓ set window size | 1440x812 |
| ✓ Login page* | 3 | ✓ mouse over | css=.css-ullnvh-MuiButtonBase-root-MuiButton-root |
| ✓ NavigationBar* | 4 | ✓ click | css=.css-ullnvh-MuiButtonBase-root-MuiButton-root |
| ✓ ProductPage* | 5 | ✓ mouse out | css=.css-ullnvh-MuiButtonBase-root-MuiButton-root |
| ✓ Searchbar* | 6 | ✓ mouse down | id=:r5: |
| ✓ Seller Page* | 7 | ✓ mouse up | id=:r5:-label |
| ✓ Signup Page* | 8 | ✓ click | css=.MuiFormControl-root:nth-child(1) |
| ✓ addproduct page* | 9 | ✓ type | id=:r5: | tushar123 |
| | 10 | ✓ mouse down | id=:r7: |
| | 11 | ✓ mouse up | id=:r7:-label |
| | 12 | ✓ click | css=.MuiFormControl-root:nth-child(2) |
| | 13 | ✓ mouse over | css=.css-3uz8ua-MuiButtonBase-root-MuiButton-root |

Command

Target

Value

Description

Log    Reference

19. click on css=.css-yimnyd-MuiInputBase-input OK                                                      19:48:08
20. type on css=.css-yimnyd-MuiInputBase-input with value fl OK                                          19:48:09
21. click on css=.MuiListItem-root:nth-child(1) > a OK                                                   19:48:10
22. click on css=.css-yimnyd-MuiInputBase-input OK                                                       19:48:11
23. type on css=.css-yimnyd-MuiInputBase-input with value Flipkart OK                                    19:48:12
24. click on css=.MuiBox-root > .MuiSvgIcon-root OK                                                      19:48:13
'Searchbar' completed successfully                                                                       19:48:14

## 11. Forgot Password Page:

| Functionality | Comments | Errors to be resolved |
|---|---|---|
| Text | Done Readable | None |
| Text-fields | Wrong Placeholder, username gets carried forward to email field | Need to remove placeholders |
| Dropdown | None | None |
| Buttons | Good and contrasting button | None |
| Check Box | No Check Box | None |
| Radio Button | Not present | None |
| Hyperlink | Works perfectly | None |
| Image | No images | None |
| Other | Unable to reset forgotten password as OTP isn't sent | Should able to reset password |

## Selenium Test case:

## 12. Navbar:

| Functionality | Comments | Errors to be resolved |
|---|---|---|
| Text | Done, Good and visible | None |
| Text-fields | None (not required) | None |
| Dropdown | No Dropdown (not required) | None |
| Buttons | None | None |
| Check Box | No Check Box | None |
| Radio Button | Not present | None |
| Hyperlink | Not working any | Needs to redirect to specific pages |
| Image | Done and properly aligned | None |
| Other | Poor performance | None |

## Selenium Test case:

## 13.  Payment Page:

| Functionality | Comments | Errors to be resolved |
|---|---|---|
| Text | Good and Readable | None |
| Text-fields | Working Perfectly | None |
| Dropdown | No Dropdown (not required) | None |
| Buttons | Good | Need more contrast |
| Check Box | No Check Box | None |
| Radio Button | Not present | None |
| Hyperlink | Good UI and Good contrast between the colours of the links | None |
| Image | No images | None |
| Other | Good UI overall | All routes working appropriately |

Selenium Test case:



Project:  DealsDone*

Executing

✓ Payment Page*

http://localhost:3000

| | Command | Target | Value |
|---|---|---|---|
| 15 | ✓ click | css=button:nth-child(4) | |
| 16 | ✓ click | css=.btn:nth-child(1) | |
| 17 | ✓ click | css=.back-to-home-button | |
| 18 | ✓ mouse over | css=.css-ullnvh-MuiButtonBase-root-MuiButton-root | |
| 19 | ✓ click | css=.MuiBox-root:nth-child(1) > .react-multi-carousel-list .react-multi-carousel-item:nth-child(13) .css-1e935dx | |
| 20 | ✓ mouse over | css=.MuiButtonBase-root:nth-child(3) | |
| 21 | ✓ click | css=.MuiButtonBase-root:nth-child(3) | |
| 22 | ✓ click | css=button:nth-child(2) | |
| 23 | ✓ click | css=button:nth-child(3) | |
| 24 | ✓ click | name=upiId | |
| 25 | ✓ type | name=upiId | 123455@upi |
| 26 | ✓ click | css=button:nth-child(4) | |
| 27 | ✓ click | css=.btn-secondary | |

Command

Target

Value

Description

Runs: 1  Failures: 0

Log    Reference

16. click on css=.css-1yj0ph-MuiButtonBase-root-MuiButton-root:nth-child(2) OK                                        19:01:13
17. mouseOver on css=.css-1pz2rcc-MuiButtonBase-root-MuiButton-root OK                                                19:01:14
18. mouseOver on css=.MuiButtonGroup-lastButton OK                                                                    19:01:15
19. click on css=.css-1pz2rcc-MuiButtonBase-root-MuiButton-root OK                                                    19:01:16
20. click on css=.css-g3pe7h > img OK                                                                                 19:01:17
21. click on css=.MuiBox-root:nth-child(1) > .react-multi-carousel-list .react-multi-carousel-item:nth-child(13) .css-1e935dx OK    19:01:18
22. mouseOver on css=.MuiButtonBase-root:nth-child(3) OK                                                              19:01:19

# 14. Profile Page:

| Functionality | Comments | Errors to be resolved |
|---|---|---|
| Text | Done | None |
| Text-fields | None | None |
| Dropdown | None | None |
| Buttons | Edit profile button not working | It Should work as expected |
| Check Box | None | None |
| Radio Button | None | None |
| Hyperlink | None | None |
| Image | None | None |
| Other | We aren't able to edit details in profile page | It should be editable |

## Selenium Test case:



Project: DealsDone*

Tests

Search tests...

| | Command | Target | Value |
|---|---|---|---|
| 1 | ✓ open | / | |
| 2 | ✓ set window size | 1440x812 | |
| 3 | ✓ click | css=.css-ullnvh-MuiButtonBase-root-MuiButton-root | |
| 4 | ✓ click | id=::r5: | |
| 5 | ✓ type | id=::r5: | tushar123 |
| 6 | ✓ click | id=::r7: | |
| 7 | ✓ mouse over | css=.css-3uz8ua-MuiButtonBase-root-MuiButton-root | |
| 8 | ✓ type | id=::r7: | Tushar@123 |
| 9 | ✓ click | css=.css-3uz8ua-MuiButtonBase-root-MuiButton-root | |
| 10 | ✓ click | css=.MuiButton-text | |
| 11 | ✓ click | css=.MuiMenuItem-root:nth-child(1) | |
| 12 | ✓ mouse over | css=.MuiButtonBase-root | |

✓ About us
✓ Add Product Page
✓ Cart Page
✓ Forgot Password Page*
✓ HomePage after Login
✓ Homepage
✓ Login page
✓ Navbar
✓ Payment Page*
✓ Product Page
✓ Profile Page*
✓ Searchbar
✓ Seller Page
✓ Signup Page

Run current test  ⌘R

Command

Target

Value

Description

Log    Reference

16. click on css=.css-1yj0ph-MuiButtonBase-root-MuiButton-root:nth-child(2) OK                                    19:01:13
17. mouseOver on css=.css-1pz2rcc-MuiButtonBase-root-MuiButton-root OK                                             19:01:14
18. mouseOver on css=.MuiButtonGroup-lastButton OK                                                                19:01:15
19. click on css=.css-1pz2rcc-MuiButtonBase-root-MuiButton-root OK                                                19:01:16
20. click on css=.css-g3pe7h > img OK                                                                             19:01:17
21. click on css=.MuiBox-root:nth-child(1) > .react-multi-carousel-list .react-multi-carousel-item:nth-child(13) .css-1e935dx OK    19:01:18
22. mouseOver on css=.MuiButtonBase-root:nth-child(3) OK                                                          19:01:19

# 15 Header:

| Functionality | Comments | Errors to be resolved |
|---|---|---|
| Text | Done | None |
| Text-fields | None | None |
| Dropdown | More dropdown not working | It should work |
| Buttons | None | None |
| Check Box | None | None |
| Radio Button | None | None |
| Hyperlink | Working perfectly | None |
| Image | Logo's good perfectly placed | None |
| Other | Good could be better | None |

Project: DealsDone*

Tests

Search tests...

✓ Header*

https://software-engineering-project-kohl.vercel.app

| | Command | Target | Value |
|---|---|---|---|
| 1 | ✓ open | / | |
| 2 | ✓ set window size | 1440x812 | |
| 3 | ✓ click | css=.css-g3pe7h > img | |
| 4 | ✓ click | css=.css-aae3xl | |
| 5 | ✓ mouse down | css=.MuiSelect-select | |
| 6 | ✓ mouse up | css=.MuiBackdrop-root | |
| 7 | ✓ click | css=body | |
| 8 | ✓ click | css=.MuiBackdrop-root | |
| 9 | ✓ mouse down | css=.MuiSelect-select | |
| 10 | ✓ mouse up | css=.MuiBackdrop-root | |
| 11 | ✓ click | css=body | |
| 12 | ✓ click | css=.MuiMenuItem-root:nth-child(2) | |
| 13 | ✓ click | css=.css-vvqekh | |

Command

Target

Value

Description

Log    Reference

17. click on css=.css-1xdkgnn > img OK                                    18:17:07
18. mouseOver on css=.css-16bg4h6 OK                                       18:17:08
19. mouseOver on css=.css-ktqfmw OK                                        18:17:09
20. click on css=.MuiButton-text OK                                       18:17:10
21. click on css=.MuiDialog-container OK                                  18:17:11
22. click on css=.css-hng5kb OK                                           18:17:12
**'Header' completed successfully**                                       18:17:13