

**IT-314 Software Engineering**

**GUI Testing**



**Dhirubhai Ambani  
University  
Technology**

Formerly DA-IICT

**Project Title: Campus Complaint Resolve**

**Group 11**

## **Group Members**

---

- 1) 202301092 - Rajdeep Patel
- 2) 202301080 - Harshvir Singh
- 3) 202301120 - Krutant Rajesh Jethva
- 4) 202301102 - Het Ladani
- 5) 20230117 - Sanya Vaishnavi
- 6) 202301099 - Krish Malhotra
- 7) 202301078 - Krish Patel
- 8) 202301075 - Tirth Kanani
- 9) 202301128 - Abhishek Kothari
- 10) 202301093 - Neel Shah

- **List Of Webpages that are tested:-**

1. **Login page**
2. **Add new complaint page**
3. **My complaints page**
4. **All complaints page**
5. **Admin analytics page**
6. **Admin general complaints page**
7. **Admin account create/delete page**
8. **Admin all complaints page**
9. **Committee dashboard page**
10. **Committee Analytics page**
11. **Committee assigned page**

## **1.Login Page-**

Functionality	Comments
Text	Done and properly Aligned,
Text-field	Not present
Buttons	Done and working.
Dropdown	Not present.
Check-box	Not present.
Radio Button	Not present.
Hyperlink	All links are working.
Image	Good and well-aligned.

Other	Overall UI is good.
-------	---------------------

## Selenium Test Cases:

Project: GUI TESTING\*

Tests + D E ⌂ ⌂ ⌂ ⌂ ⌂

http://localhost:5174

Command	Target	Value
✓ Add new complaint page 21 ✓ mouse over	css=.bg-blue-600	
✓ Admin Analytics page* 22 ✓ click	css=.md3A block	
✓ Admin General complain 23 ✓ click	css=.text-red-600	
✓ Admin account delete pa 24 ✓ click	css=w-full:nth-child(3)	
✓ Admin all complaints pa 25 ✓ click	css=w-full:nth-child(2)	
✓ Admin create account pa 26 ✓ type	css=w-full:nth-child(2)	hostel@dau.ac.in
✓ All complaints page* 27 ✓ click	css=px-4	
✓ Committee - dashboard* 28 ✓ type	css=px-4	hostel123
✓ Committee Analytics Pa 29 ✓ click	css=.bg-blue-600	
✓ Committee Assigned com 30 ✓ click	css=.sm3Ap-2	
✓ Login Page 31 ✓ mouse over	css=.sm3Ap-2	
✓ My complaints page * 32 ✓ mouse out	css=.sm3Ap-2	
	css=.text-red-600	
Command		// [ ]
Target		[ ] [ ]
Value		
Description		

Log Reference

28.type on css=px-4 with value hostel123 OK 03:23:00

29.click on css=.bg-blue-600 OK 03:23:02

30.click on css=.sm3Ap-2 OK 03:23:04

31.mouseOver on css=.sm3Ap-2 OK 03:23:06

32.mouseOut on css=.sm3Ap-2 OK 03:23:08

33.click on css=.text-red-600 OK 03:23:10

'Login Page' completed successfully 03:23:11

## **2.Add new complaint page.-**

Functionality	Comments
Text	Done and properly Aligned.
Text-field	All Text Fields are working.
Buttons	Done and working.
Dropdown	Not present.
Check-box	Working properly
Radio Button	Perfectly Working.
Hyperlink	Working correctly.
Image	Not Present.
Other	Good UI Overall.

---

# Selenium Test Cases

Project: GUI TESTING\*

Tests + D E O C M R S A B F G H I J K L M N P Q R S T U V W X Y Z D E O C M R S A B F G H I J K L M N P Q R S T U V W X Y Z D E O C M R S A B F G H I J K L M N P Q R S T U V W X Y Z D E O C M R S A B F G H I J K L M N P Q R S T U V W X Y Z D E O C M R S A B F G H I J K L M N P Q R S T U V W X Y Z D E O C M R S A B F G H I J K L M N P Q R S T U V W X Y Z D E O C M R S A B F G H I J K L M N P Q R S T U V W X Y Z D E O C M R S A B F G H I J K L M N P Q R S T U V W X Y Z D E O C M R S A B F G H I J K L M N P Q R S T U V W X Y Z D E O C M R S A B F G H I J K L M N P Q R S T U V W X Y Z D E O C M R S A B F G H I J K L M N P Q R S T U V W X Y Z D E O C M R S A B F G H I J K L M N P Q R S T U V W X Y Z D E O C M R S A B F G H I J K L M N P Q R S T U V W X Y Z D E O C M R S A B F G H I J K L M N P Q R S T U V W X Y Z D E O C M R S A B F G H I J K L M N P Q R S T U V W X Y Z D E O C M R S A B F G H I J K L M N P Q R S T U V W X Y Z D E O C M R S A B F G H I J K L M N <span style="border: 1px solid #ccc; padding:

### **3.My complaints Page:-**

Functionality	Comments
Text	Done and properly Aligned.
Text-field	Not Present.
Buttons	Done and working.
Dropdown	Not present.
Check-box	Not present.
Radio Button	Not Present.
Hyperlink	All links are working.
Image	Not present
Dates	Properly Working.
Other	Design is good.

---

# Selenium Test Cases

Project: GUI TESTING\*

Tests + D E O □ REC

Search tests... http://localhost:5174

	Command	Target	Value
✓ Add new complaint page	8 ✓ click	css=.bg-blue-600	
✓ Admin Analytics page*	9 ✓ mouse over	css=.bg-blue-600	
✓ Admin General complaint	10 ✓ click	css=.flex:nth-child(4) > .font-medium	
✓ Admin account delete pa	11 ✓ select	css=.xs\3Apx-6	label=Popularity: Low to High
✓ Admin all complaints pag	12 ✓ click	css=option:nth-child(3)	
✓ Admin create account pa	13 ✓ select	css=.xs\3Apx-6	label=Priority: High to Low
✓ All complaints page*	14 ✓ click	css=option:nth-child(4)	
✓ Committee - dashboard*	15 ✓ select	css=.xs\3Apx-6	label=Priority: Low to High
✓ Committee Analytics Pag	16 ✓ click	css=option:nth-child(5)	
✓ Committee Assigned cor	17 ✓ select	css=.xs\3Apx-6	label=Date: New to Old
✓ Login Page	18 ✓ click	css=option:nth-child(6)	
	19 ✓ select	css=.xs\3Apx-6	label=Date: Old to New
✓ My complaints page *	20 ✓ click	css=option:nth-child(7)	

Command Target Value

Target

Value

Description

Log Reference

15. select on css=.xs\3Apx-6 with value label=Priority: Low to High OK 03:29:33

16. click on css=option:nth-child(5) OK 03:29:36

17. select on css=.xs\3Apx-6 with value label=Date: New to Old OK 03:29:38

18. click on css=option:nth-child(6) OK 03:29:40

19. select on css=.xs\3Apx-6 with value label=Date: Old to New OK 03:29:42

20. click on css=option:nth-child(7) OK 03:29:45

'My complaints page ' completed successfully 03:29:46

#### **4.All complaints Page:-**

Functionality	Comments
Text	Properly aligned and good.
Text-field	All Text Fields are working.
Buttons	Done and working.
Dropdown	Working Properly
Check-box	Working Properly
Radio Button	Not present.
Hyperlink	All links are working.
Image	Not Present.
Other	Good UI Overall.

# Selenium Test Cases

Project: GUI TESTING\*

Tests	+	Detailed View	Run	Stop	Logs	...
Search tests... <input type="text"/>						
http://localhost:5174						
	Command	Target	Value			
✓ Add new complaint page	26 ✓ click	css=option:nth-child(7)				
✓ Admin Analytics page*	27 ✓ click	css=.space-x-1 path				
✓ Admin General complain	28 ✓ mouse over	css=.space-x-1 path				
✓ Admin account delete pa	29 ✓ mouse out	css=.space-x-1 path				
✓ Admin all complaints pac	30 ✓ click	css=div:nth-child(1) > flex > .flex:nth-child(1) > .form-checkbox				
✓ Admin create account pa	31 ✓ click	css=.flex:nth-child(6) > .form-checkbox				
✓ All complaints page*	32 ✓ click	css=.py-2:nth-child(1)				
✓ Committee - dashboard*	33 ✓ click	css=.space-x-1				
✓ Committee Analytics Pac	34 ✓ mouse over	css=.space-x-1				
✓ Committee Assigned cor	35 ✓ mouse out	css=.space-x-1				
✓ Login Page	36 ✓ click	css=.bg-red-500				
✓ My complaints page *	37 ✓ click	css=.xs 3Aw-48				
	38 ✓ type	css=.xs 3Aw-48	Tech			
Command <input type="text"/> // <input type="button"/>						
Target <input type="button"/> <input type="button"/>						
Value <input type="text"/>						
Description <input type="text"/>						
Log	Reference					
33.click on css=.space-x-1 OK		03:32:56				
34.mouseOver on css=.space-x-1 OK		03:32:58				
35.mouseOut on css=.space-x-1 OK		03:33:00				
36.click on css=.bg-red-500 OK		03:33:02				
37.click on css=.xs 3Aw-48 OK		03:33:04				
38.type on css=.xs 3Aw-48 with value Tech OK		03:33:07				
'All complaints page' completed successfully						

## **5.Admin Analytics Page:-**

Functionality	Comments
Text	Done and properly Aligned.
Text-field	Not present.
Buttons	Done and working.
Dropdown	Not present.
Check-box	Not present.
Radio Button	Not present.
Hyperlink	All links are working.
Other	Good UI Overall and nice design.

# Selenium Test Cases

Project: GUI TESTING\*

Tests + D: Run current test %R

	Command	Target	Value
✓ Add new complaint page	4 ✓ click	css=.w-full:nth-child(2)	
✓ Admin Analytics page*	5 ✓ type	css=.w-full:nth-child(2)	admin@dau.ac.in
✓ Admin General complain	6 ✓ click	css=.px-4	
✓ Admin account delete pa	7 ✓ type	css=.px-4	admin123
✓ Admin all complaints pac	8 ✓ click	css=.bg-blue-600	
✓ Admin create account pa	9 ✓ mouse over	css=.bg-blue-600	
✓ All complaints page*	10 ✓ click	linkText=Analytics	
✓ Committee - dashboard*	11 ✓ click	linkText=View	
✓ Committee Analytics Pa	12 ✓ run script	window.scrollTo(0,0)	
✓ Committee Assigned cor	13 ✓ run script	window.scrollTo(0,0)	
✓ Login Page	14 ✓ run script	window.scrollTo(0,0)	
✓ My complaints page *	15 ✓ click	linkText=Home	
	16 ✓ mouse over	linkText>All Complaints	

Command:

Target:

Value:

Description:

Log Reference

11. click on linkText=View OK 03:34:28

12. runScript on window.scrollTo(0,0) OK 03:34:30

13. runScript on window.scrollTo(0,0) OK 03:34:32

14. runScript on window.scrollTo(0,0) OK 03:34:34

15. click on linkText=Home OK 03:34:36

16. mouseOver on linkText>All Complaints OK 03:34:38

'Admin Analytics page' completed successfully 03:34:40

## **6.Admin general complaints page:-**

Functionality	Comments
Text	Done and properly Aligned.
Text-field	All Text Fields are working.
Buttons	Done and working.
Dropdown	Working properly
Check-box	Not present.
Radio Button	Not Present.
Hyperlink	All links are working.
Image	Visible Properly.
Other	Good UI Overall.

---

# Selenium Test Cases

Project: GUI TESTING\*

Tests	Command	Target	Value
✓ Add new complaint page 19	✓ click	css=updownmenu-child(4)	
✓ Admin Analytics page* 20	✓ select	css=.mb-4:nth-child(3) > .w-full	label=In Progress
✓ Admin General complaints page* 21	✓ click	css=option:nth-child(2)	
✓ Admin account delete page 22	✓ click	css=.mb-4:nth-child(4) > .w-full	
✓ Admin all complaints page 23	✓ type	css=.mb-4:nth-child(4) > .w-full	
✓ Admin create account page 24	✓ click	css=.flex-1:nth-child(1)	informed to security guards
✓ Admin update account page 25	✓ click	css=.flex-1:nth-child(4) > .font-medium	
✓ All complaints page* 26	✓ click	linkText=View	
✓ Committee - dashboard* 27	✓ run script	window.scrollTo(0,0)	
✓ Committee Analytics Page 28	✓ run script	window.scrollTo(0,0)	
✓ Committee Assigned complaints page 29	✓ click	linkText=Analytics	
✓ Login Page 30	✓ click	css=tr:nth-child(2) .px-3	
✓ My complaints page * 31	✓ click	css=bg-white:nth-child(1) > div > .recharts-responsive-container .recharts-surface	

Command:  #

Target:

Value:

Description:

Log Reference

26.click on linkText=View OK	03:38:08
27.runScript on window.scrollTo(0,0) OK	03:38:11
28.runScript on window.scrollTo(0,0) OK	03:38:13
29.click on linkText=Analytics OK	03:38:15
30.click on css=tr:nth-child(2) .px-3 OK	03:38:17
31.click on css=bg-white:nth-child(1) > div > .recharts-responsive-container .recharts-surface OK	03:38:19
'Admin General complaints page' completed successfully	03:38:20

## **7.Admin Account create/delete page:-**

Functionality	Comments
Text	Done and properly Aligned.
Text-field	All Text Fields are working.
Buttons	Done and working.
Dropdown	Not present.
Check-box	Not present.
Radio Button	Not present.
Hyperlink	Not present.
Image	Not present.
Other	Good UI Overall.

---

# Selenium Test Cases

Project: GUI TESTING\*

Tests	+	Search tests...	http://localhost:5174	More
✓ Add new complaint page	22	✓ type	name=password	Vishal@123
✓ Admin Analytics page*	23	✓ click	css=.hover13A bg-blue-700	
✓ Admin General complaints	24	✓ click	css=.md13A block	
✓ Admin account delete page	25	✓ mouse over	css=.md13A block	
✓ Admin all complaints page	26	✓ mouse out	css=.md13A block	
✓ Admin create account page	27	✓ click	css=.text-left	
✓ All complaints page*	28	✓ click	css=.py-215:nth-child(2)	
✓ Committee - dashboard*	29	✓ click	css=.w-full:nth-child(2)	
✓ Committee Analytics Page	30	✓ type	css=.w-full:nth-child(2)	202301199@dau.ac.in
✓ Committee Assigned cases	31	✓ click	css=.px-4	Vishal@123
✓ Login Page	32	✓ type	css=.px-4	
✓ My complaints page *	33	✓ click	css=.bg-blue-600	
	34	✓ mouse over	css=.bg-blue-600	

Command Target Value

Target

Value

Description

Log Reference

29.click on css=.w-full:nth-child(2) OK 03:40:24

30.type on css=.w-full:nth-child(2) with value 202301199@dau.ac.in OK 03:40:26

31.click on css=.px-4 OK 03:40:28

32.type on css=.px-4 with value Vishal@123 OK 03:40:30

33.click on css=.bg-blue-600 OK 03:40:33

34.mouseOver on css=.bg-blue-600 OK 03:40:35

'Admin create account page' completed successfully 03:40:36

## **8.Admin all complaints page:-**

Functionality	Comments
Text	Done and properly Aligned.
Text-field	Working properly.
Buttons	Done and working.
Dropdown	Working Properly.
Check-box	Working correctly
Radio Button	Not present.
Hyperlink	All links are working.
Image	Not present.
Other	Good UI Overall.

# Selenium Test Cases

Project: GUI TESTING\*

Tests + D E C Run current test %R

Search tests... Run current test %R

	Command	Target	Value
✓ Add new complaint page	18 ✓ select	css=.xs3Apx-6	
✓ Admin Analytics page*	19 ✓ click	css=option:nth-child(5)	label=Date: Old to New
✓ Admin General complain	20 ✓ click	css=.xs3Aw-48	
✓ Admin account delete pa	21 ✓ click	css=.space-x-1	
✓ Admin all complaints pac	22 ✓ mouse over	css=.space-x-1	
✓ Admin create account pa	23 ✓ mouse out	css=.space-x-1	
✓ All complaints page*	24 ✓ click	css=div:nth-child(1) > .flex > .flex:nth-child(1) > .form-checkbox	
✓ Committee - dashboard*	25 ✓ click	css=.flex:nth-child(5) > .form-checkbox	
✓ Committee Analytics Pac	26 ✓ click	css=py-2:nth-child(1)	
✓ Committee Assigned com	27 ✓ click	css=.space-x-1 > .h-4	
✓ Login Page	28 ✓ mouse over	css=.space-x-1 > .h-4	
✓ My complaints page *	29 ✓ mouse out	css=.space-x-1 > .h-4	
	30 ✓ click	css=bg-red-500	

Command Target Value

Target

Description

Log Reference

25.click on css=.flex:nth-child(5) > .form-checkbox OK 03:43:57

26.click on css=py-2:nth-child(1) OK 03:43:59

27.click on css=.space-x-1 > .h-4 OK 03:44:01

28.mouseOver on css=.space-x-1 > .h-4 OK 03:44:03

29.mouseOut on css=.space-x-1 > .h-4 OK 03:44:05

30.click on css=bg-red-500 OK 03:44:07

'Admin all complaints page' completed successfully 03:44:09

## **9.Committee dashboard page:-**

Functionality	Comments
Text	Done and properly Aligned.
Text-field	Not present
Buttons	Not present.
Dropdown	Not present.
Check-box	Not present.
Radio Button	Not present.
Hyperlink	All links are working.
Image	No image present.
Other	Good UI Overall.

---

# Selenium Test Cases

Project: GUI TESTING\*

Tests + D: Run current test %R

Command	Target	Value
✓ Add new complaint page 1 ✓ open	/login	
✓ Admin Analytics page* 2 ✓ set window size	1440x900	
✓ Admin General complaint 3 ✓ click	css=:w-full:nth-child(3)	
✓ Admin account delete pa 4 ✓ click	css=:w-full:nth-child(2)	
✓ Admin all complaints pag 5 ✓ type	css=:w-full:nth-child(2)	hostel@dau.ac.in
✓ Admin create account pa 6 ✓ click	css=:px-4	
✓ All complaints page* 7 ✓ type	css=:px-4	hostel123
✓ Committee - dashboard* 8 ✓ click	css=.bg-blue-600	
✓ Committee Analytics Pag 9 ✓ mouse over	css=.bg-blue-600	
✓ Committee Assigned cor 10 ✓ click	css=absolute	
✓ Login Page 11 ✓ click	css=absolute	
✓ My complaints page * 12 ✓ click	linkText=View All →	

Command Target Value

Target

Description

Log Reference

7. type on css=:px-4 with value hostel123 OK 03:45:52  
8. click on css=.bg-blue-600 OK 03:45:54  
9. mouseOver on css=.bg-blue-600 OK 03:45:56  
10. click on css=absolute OK 03:45:58  
11. click on css=absolute OK 03:46:00  
12. click on linkText=View All → OK 03:46:02  
**'Committee - dashboard' completed successfully** 03:46:03

## **10. Committee Analytics Page:-**

Functionality	Comments
Text	Done and properly Aligned.
Text-field	Not Present.
Buttons	Not Present.
Dropdown	Not present.
Check-box	Not present.
Radio Button	Not present.
Hyperlink	Perfectly working.
Image	Good and well-aligned.
Other	Good UI Overall.

---

# Selenium Test Cases

Project: GUI TESTING\*

Tests + D E Run current test %R

	Command	Target	Value
✓ Add new complaint page	2 ✓ set window size	1440x900	
✓ Admin Analytics page*	3 ✓ click	css=.w-full:nth-child(3)	
✓ Admin General complaint	4 ✓ click	css=.w-full:nth-child(2)	
✓ Admin account delete pa	5 ✓ type	css=.w-full:nth-child(2)	hostel@dau.ac.in
✓ Admin all complaints pag	6 ✓ click	css=.px-4	
✓ Admin create account pa	7 ✓ type	css=.px-4	hostel123
✓ All complaints page*	8 ✓ click	css=.bg-blue-600	
✓ Committee - dashboard*	9 ✓ mouse over	css=.bg-blue-600	
✓ Committee Analytics Pag	10 ✓ click	linkText=Analytics	
✓ Committee Assigned cor	11 ✓ run script	window.scrollTo(0,0)	
✓ Login Page	12 ✓ click	css=.px-6	
✓ My complaints page *	13 ✓ click	css=.mt-5	
	14 ✓ click	css=.mt-3	

Command Target Value

Target

Value

Description

Log Reference

9. mouseOver on css=.bg-blue-600	OK	03:48:24
10. click on linkText=Analytics	OK	03:48:26
11. runScript on window.scrollTo(0,0)	OK	03:48:28
12. click on css=.px-6	OK	03:48:31
13. click on css=.mt-5	OK	03:48:33
14. click on css=.mt-3	OK	03:48:35
'Committee Analytics Page' completed successfully		03:48:36

## **11. Committee Assigned page.**

Functionality	Comments
Text	Done and properly Aligned.
Text-field	All Text Fields are working.
Buttons	Done and working.
Dropdown	Perfectly Working.
Check-box	Working correctly
Radio Button	Not present.
Hyperlink	All links are working.
Image	Properly Visible
Other	Good UI Overall.

---

# Selenium Test Cases:-

The screenshot shows the Selenium IDE interface. At the top, there's a toolbar with various icons like 'Run current test' and 'Record'. Below the toolbar is a search bar labeled 'Search tests...' and a button 'Run current test %R'. The main area contains a table of test cases:

Test	Command	Target	Value
✓ Add new complaint page	33 ✓ select	css=.mb-4:nth-child(3) > .w-full	
✓ Admin Analytics page*	34 ✓ click	css=.py-2 > option:nth-child(2)	label=In Progress
✓ Admin General complaint	35 ✓ click	css=.mb-4:nth-child(4) > .w-full	
✓ Admin account delete pa	36 ✓ type	css=.mb-4:nth-child(4) > .w-full	
✓ Admin all complaints pag	37 ✓ click	css=.py-2:nth-child(1)	
✓ Admin create account pa	38 ✓ click	css=.space-x-1 path	
✓ All complaints page*	39 ✓ click	css=div:nth-child(1) > .flex > .flex:nth-child(1) > .form-checkbox	
✓ Committee - dashboard*	40 ✓ click	css=div:nth-child(2) > .flex > .flex:nth-child(2) > .form-checkbox	
✓ Committee Analytics Pac	41 ✓ click	css=.py-2:nth-child(1)	
✓ Committee Assigned cor	42 ✓ click	css=.space-x-1 > .h-4	
✓ Login Page	43 ✓ mouse over	css=.space-x-1 > .h-4	
✓ My complaints page *	44 ✓ mouse out	css=.space-x-1 > .h-4	
	45 ✓ click	css=.bg-red-500	

Below the table are four input fields: 'Command', 'Target', 'Value', and 'Description'. At the bottom, there's a 'Log' section with a table:

Log	Reference	Date
40.click on css=div:nth-child(2) > .flex > .flex:nth-child(2) > .form-checkbox OK		03:52:18
41.click on css=.py-2:nth-child(1) OK		03:52:20
42.click on css=.space-x-1 > .h-4 OK		03:52:22
43.mouseOver on css=.space-x-1 > .h-4 OK		03:52:24
44.mouseOut on css=.space-x-1 > .h-4 OK		03:52:26
45.click on css=.bg-red-500 OK		03:52:28
'Committee Assigned complain page' completed successfully		03:52:29

**NOTE: In Forgot password feature, the selenium IDE waits for the OTP and each time it will be different , so the test case breaks there.**

## Conclusion:-

The GUI testing of every UI page of our Campus Complaint Resolve(CCR) is Completed. You can view the Selenium IDE test cases from the figures given below for each UI page.

**Thank You**

