

IT-314 Software Engineering
GUI Testing



Dhirubhai Ambani
University
Technology

Formerly DA-IICT

Project Title: Campus Complaint Resolve

Group 11

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- **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.
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Selenium Test Cases:

Project: GUI TESTING*

Tests +

Search tests...

http://localhost:5174

	Command	Target	Value
✓ Add new complaint page	21 ✓ mouse over	css=.bg-blue-600	
✓ Admin Analytics page*	22 ✓ click	css=.md\3A 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 pag	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 Pag	29 ✓ click	css=.bg-blue-600	
✓ Committee Assigned cor	30 ✓ click	css=.sm\3Ap-2	
✓ Login Page	31 ✓ mouse over	css=.sm\3Ap-2	
✓ My complaints page *	32 ✓ mouse out	css=.sm\3Ap-2	
	33 ✓ click	css=.text-red-600	

Command

Target

Value

Description

Log

Reference

28. type on css=.px-4 with value hostel123 OK

29. click on css=.bg-blue-600 OK

30. click on css=.sm\3Ap-2 OK

31. mouseOver on css=.sm\3Ap-2 OK

32. mouseOut on css=.sm\3Ap-2 OK

33. click on css=.text-red-600 OK

'Login Page' completed successfully

03:23:00

03:23:02

03:23:04

03:23:06

03:23:08

03:23:10

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 ▾ + ▶ ⌂ 🔄

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

	Command	Target	Value
✓ Add new complaint page	click	name=desc	
✓ Admin Analytics page*	click	name=desc	
✓ Admin General complaint	click	name=desc	
✓ Admin account delete pa	type	name=desc	The Da student wifi has very low connectivity in my room. I want is sue to be resolved as soon as possible
✓ Admin all complaints pag	click	name=location	
✓ Admin create account pa	type	name=location	G - 210
✓ All complaints page*	click	css=.gap-6 > .flex:nth-child(1)	
✓ Committee - dashboard*	click	css=.sm\3Apy~2	
✓ Committee Analytics Pag	mouse over	css=.sm\3Apy~2	
✓ Committee Assigned cor	mouse out	css=.sm\3Apy~2	
✓ Login Page	click	css=.shadow-blue-500\30	
✓ My complaints page *	run script	window.scrollTo(0,0)	
	click	css=.overflow-y-auto	

Command # 📄

Target 🔍

Value

Description

Log
Reference

- 29. click on css=.sm\3Apy~2 OK 03:25:24
- 30. mouseOver on css=.sm\3Apy~2 OK 03:25:26
- 31. mouseOut on css=.sm\3Apy~2 OK 03:25:28
- 32. click on css=.shadow-blue-500\30 OK 03:25:30
- 33. runScript on window.scrollTo(0,0) OK 03:25:32
- 34. click on css=.overflow-y-auto OK 03:25:34

'Add new complaint page' completed successfully 03:25:34

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

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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 complain	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)
✓ My complaints page *	19	✓ select	css=.xs\3Apx-6 label=Date: Old to New
	20	✓ click	css=option:nth-child(7)

Command

Target

Value

Description

Log

Reference

15. select on css=.xs\3Apx-6 with value label=Priority: Low to High OK03:29:33

16. click on css=option:nth-child(5) OK03:29:36

17. select on css=.xs\3Apx-6 with value label=Date: New to Old OK03:29:38

18. click on css=option:nth-child(6) OK03:29:40

19. select on css=.xs\3Apx-6 with value label=Date: Old to New OK03:29:42

20. click on css=option:nth-child(7) OK03:29:45

'My complaints page ' completed successfully03:29:46

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 ▾ +

Search tests... 🔍

http://localhost:5174

	Command	Target	Value
✓ Add new complaint page	click	css=option:nth-child(7)	
✓ Admin Analytics page*	click	css=.space-x-1 path	
✓ Admin General complain	mouse over	css=.space-x-1 path	
✓ Admin account delete pa	mouse out	css=.space-x-1 path	
✓ Admin all complaints pag	click	css=div:nth-child(1) > .flex > .flex:nth-child(1) > .form-checkbox	
✓ Admin create account pe	click	css=.flex:nth-child(6) > .form-checkbox	
✓ All complaints page*	click	css=.py-2:nth-child(1)	
✓ Committee - dashboard*	click	css=.space-x-1	
✓ Committee Analytics Pag	mouse over	css=.space-x-1	
✓ Committee Assigned cor	mouse out	css=.space-x-1	
✓ Login Page	click	css=.bg-red-500	
✓ My complaints page *	click	css=.xs\3Aw-48	
	type	css=.xs\3Aw-48	Tech

Command ▾ // 📄

Target 🖱️ 🔍

Value

Description

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	03:33:03

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 +

Run current test %R

Search tests...

	Command	Target	Value
✓ Add new complaint page	✓ click	css=w-full:nth-child(2)	
✓ Admin Analytics page*	✓ type	css=w-full:nth-child(2)	admin@dau.ac.in
✓ Admin General complain	✓ click	css=.px-4	
✓ Admin account delete pa	✓ type	css=.px-4	admin123
✓ Admin all complaints pag	✓ click	css=.bg-blue-600	
✓ Admin create account pa	✓ mouse over	css=.bg-blue-600	
✓ All complaints page*	✓ click	linkText=Analytics	
✓ Committee - dashboard*	✓ click	linkText=View	
✓ Committee Analytics Pag	✓ run script	window.scrollTo(0,0)	
✓ Committee Assigned cor	✓ run script	window.scrollTo(0,0)	
✓ Login Page	✓ run script	window.scrollTo(0,0)	
✓ My complaints page *	✓ click	linkText=Home	
	✓ mouse over	linkText=All Complaints	

Command

Target

Value

Description

Log

Reference

11. click on linkText=View OK

12. runScript on window.scrollTo(0,0) OK

13. runScript on window.scrollTo(0,0) OK

14. runScript on window.scrollTo(0,0) OK

15. click on linkText=Home OK

16. mouseOver on linkText=All Complaints OK

'Admin Analytics page' completed successfully

03:34:28

03:34:30

03:34:32

03:34:34

03:34:36

03:34:38

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 ▾ + ▶▶▶ 📄 ⚙️

Search tests... 🔍 Run current test %R

		Command	Target	Value
✓ Add new complaint page	19	✓ click	css=option:nth-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	informed to security guards
✓ Admin create account page	24	✓ click	css=.flex-1:nth-child(1)	
✓ All complaints page*	25	✓ click	css=.flex:nth-child(4) > .font-medium	
✓ Committee - dashboard*	26	✓ click	linkText=View	
✓ Committee Analytics Page	27	✓ run script	window.scrollTo(0,0)	
✓ Committee Assigned complaints	28	✓ run script	window.scrollTo(0,0)	
✓ Committee Assigned complaints	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

	Command	Target	Value
✓ Add new complaint page	22 ✓ type	name=password	Vishal@123
✓ Admin Analytics page*	23 ✓ click	css=.hover\3A bg-blue-700	
✓ Admin General complaint page	24 ✓ click	css=.md\3A block	
✓ Admin account delete page	25 ✓ mouse over	css=.md\3A block	
✓ Admin all complaints page	26 ✓ mouse out	css=.md\3A block	
✓ Admin create account page	27 ✓ click	css=.text-left	
✓ All complaints page*	28 ✓ click	css=.py-2\,5: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 committee	31 ✓ click	css=.px-4	
	32 ✓ type	css=.px-4	Vishal@123
✓ Login Page	33 ✓ click	css=.bg-blue-600	
✓ My complaints page *	34 ✓ mouse over	css=.bg-blue-600	

Command

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

03:40:35

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 +

Run current test ⌘R

Search tests...

	Command	Target	Value
✓ Add new complaint page	✓ select	css=.xs\$3ApX-6	label=Date: Old to New
✓ Admin Analytics page*	✓ click	css=option:nth-child(5)	
✓ Admin General complain	✓ click	css=.xs\$3Aw-48	
✓ Admin account delete pa	✓ click	css=.space-x-1	
✓ Admin all complaints pag	✓ mouse over	css=.space-x-1	
✓ Admin create account pa	✓ mouse out	css=.space-x-1	
✓ All complaints page*	✓ click	css=div:nth-child(1) > .flex > .flex:nth-child(1) > .form-checkbox	
✓ Committee - dashboard*	✓ click	css=flex:nth-child(5) > .form-checkbox	
✓ Committee Analytics Pag	✓ click	css=.py-2:nth-child(1)	
✓ Committee Assigned cor	✓ click	css=.space-x-1 > .h-4	
✓ Login Page	✓ mouse over	css=.space-x-1 > .h-4	
✓ My complaints page *	✓ mouse out	css=.space-x-1 > .h-4	
	✓ click	css=.bg-red-500	

Command

Target

Value

Description

Log

Reference

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

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

27. click on css=.space-x-1 > .h-4 OK

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

29. mouseOut on css=.space-x-1 > .h-4 OK

30. click on css=.bg-red-500 OK

'Admin all complaints page' completed successfully

03:43:57

03:43:59

03:44:01

03:44:03

03:44:05

03:44:07

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

Search tests...

Run current test

	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

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

Run current test

⌘R

Search tests...

	Command	Target	Value
✓ Add new complaint page			
✓ Admin Analytics page*	2 ✓ set window size	1440x900	
✓ Admin General complain	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	linkText=Analytics	
✓ Login Page	11 ✓ run script	window.scrollTo(0,0)	
✓ My complaints page *	12 ✓ click	css=.px-6	
	13 ✓ click	css=.mt-5	
	14 ✓ click	css=.mt-3	

Command

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:-



Project: GUI TESTING*

Tests ▾ + ▶ ⏮ ⏭ ⏯ ⌂ ⌚

Search tests... Run current test %R

	Command	Target	Value
✓ Add new complaint page	33 ✓ select	css=.mb-4:nth-child(3) > .w-full	label=In Progress
✓ Admin Analytics page*	34 ✓ click	css=.py-2 > option:nth-child(2)	
✓ Admin General complain	35 ✓ click	css=.mb-4:nth-child(4) > .w-full	
✓ Admin account delete pa	36 ✓ type	css=.mb-4:nth-child(4) > .w-full	informed about complain
✓ 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 Pag	41 ✓ click	css=.py-2:nth-child(1)	
✓ Committee Assigned cor	42 ✓ click	css=.space-x-1 > .h-4	
✓ Login Page	44 ✓ mouse out	css=.space-x-1 > .h-4	
✓ My complaints page *	45 ✓ click	css=.bg-red-500	

Command # 

Target  

Value

Description

Log Reference

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

