

GulfTalent

GulfTalent Website

Software Quality Assurance
23CSSE04H

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✓ Individual work

1. Screenshots of testing results

1.1 Selenium IDE

Maya

1. CV search database.

Project: SQA_Maya*

	Command	Target
✓ CV search database*		
✓ Enroll_now	✓ click	id=gt-input-tags-input-keyword-all-of-these
✓ course	✓ click	id=gt-input-tags-input-keyword-all-of-these
✓ enroll*	✓ type	id=gt-input-tags-input-keyword-all-of-these
✓ graduate guide*	✓ click	linkText=sales
✓ search CV Database	✓ click	css=.btn-corner
✓ search course*	✓ choose ok on next confirmation	

Command Target Value Description

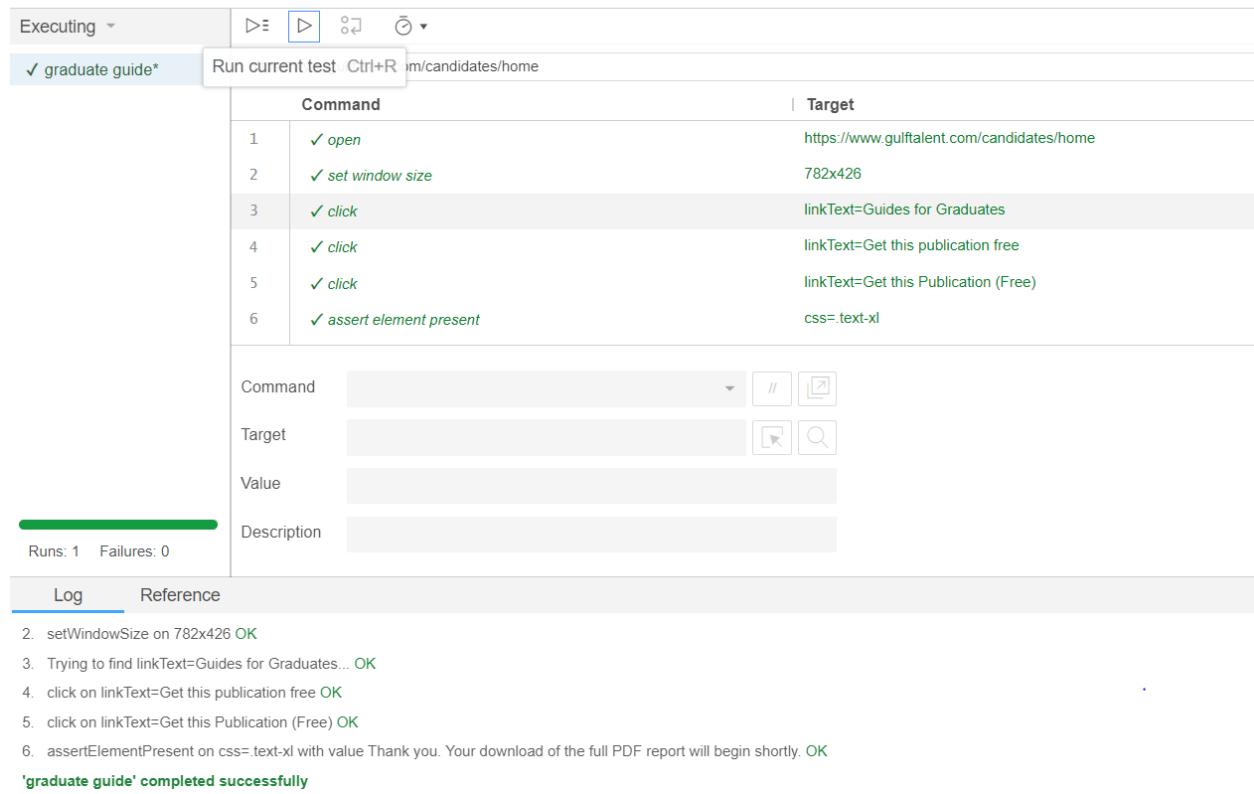
Log Reference

- 5. click on id=gt-input-tags-input-keyword-all-of-these OK
- 6. type on id=gt-input-tags-input-keyword-all-of-these with value s OK
- 7. click on linkText=sales OK
- 8. click on css=.btn-corner OK
- 9. chooseOkOnNextConfirmation OK

'CV search database' completed successfully

2. Guide graduate

Project: SQA_Maya*



The screenshot shows a test run interface for a project named "SQA_Maya*". The current test is "graduate guide*". The command table lists six steps:

Command	Target
1 ✓ open	https://www.gultalent.com/candidates/home
2 ✓ set window size	782x426
3 ✓ click	linkText=Guides for Graduates
4 ✓ click	linkText=Get this publication free
5 ✓ click	linkText=Get this Publication (Free)
6 ✓ assert element present	css=.text-xl

Below the table are input fields for Command, Target, Value, and Description. A progress bar at the bottom indicates "Runs: 1 Failures: 0". The "Log" tab is selected, showing the following log entries:

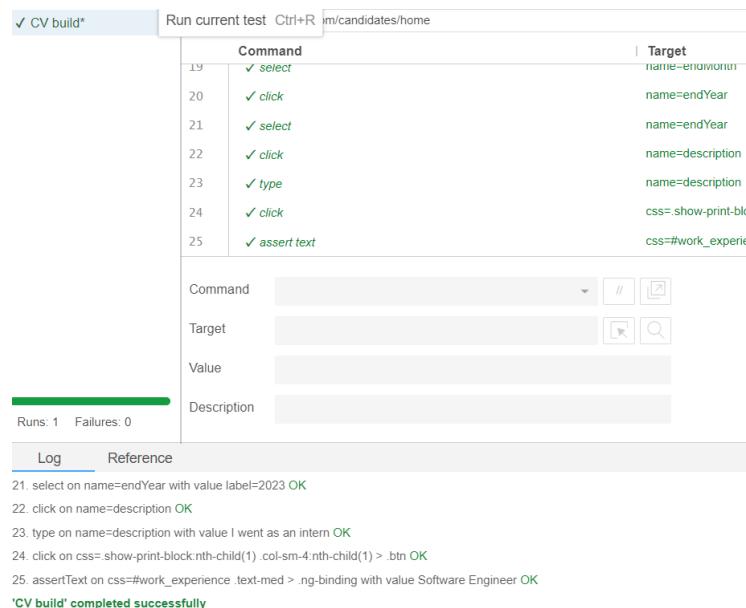
```

2. setWindowSize on 782x426 OK
3. Trying to find linkText=Guides for Graduates... OK
4. click on linkText=Get this publication free OK
5. click on linkText=Get this Publication (Free) OK
6. assertElementPresent on css=.text-xl with value Thank you. Your download of the full PDF report will begin shortly. OK
'graduate guide*' completed successfully

```

3. Account profile suite

3.1 Build cv.



The screenshot shows a test run interface for a project named "SQA_Maya*". The current test is "CV build*". The command table lists 25 steps, but step 21 failed:

Command	Target
19 ✓ select	name=endYear
20 ✓ click	name=endYear
21 ✓ select	name=endYear
22 ✓ click	name=description
23 ✓ type	name=description
24 ✓ click	css= show-print-blk
25 ✓ assert text	css=#work_experience

Below the table are input fields for Command, Target, Value, and Description. A progress bar at the bottom indicates "Runs: 1 Failures: 0". The "Log" tab is selected, showing the following log entries:

```

21. select on name=endYear with value label=2023 OK
22. click on name=description OK
23. type on name=description with value I went as an intern OK
24. click on css=.show-print-block:nth-child(1).col-sm-4:nth-child(1) > .btn OK
25. assertText on css=#work_experience .text-med > .ng-binding with value Software Engineer OK
'CV build' completed successfully

```

3.2 Edit cv.

✓ CV build*

✓ Edit CV*

✓ graduate guide*

✓ search CV Database*

	Command	Target
5	✓ click	na
6	✓ click	na
7	✓ type	na
8	✓ click	cs:
9	✓ assert element present	cst

Command

Target

Value

Description

Log **Reference**

5. click on name=currentEmployer OK

6. click on name=description OK

7. type on name=description with value I went there as an intern and still working there OK

8. click on css=.show-print-block:nth-child(1).col-sm-4:nth-child(1) > .btn OK

9. assertElementPresent on css=dd > .ng-binding > .ng-binding:nth-child(1) with value Present OK

'Edit CV' completed successfully

3.3 Delete cv.

Project: guftalent

Executing: Run current test Ctrl+R

✓ delete cv*

	Command	Target
1	✓ open	https://www.guiftalent.com
2	✓ set window size	1552x840
3	✓ click	linkText=Click here to update
4	✓ click	css=#work_experience .ng-scope
5	✓ click	css= col-sm-12 > .btn-second
6	✓ assert element not present	css=#work_experience .lis

Command

Target

Value

Description

Runs: 1 Failures: 0

Log **Reference**

3. click on linkText=Click here to update. OK

4. Trying to find css=#work_experience .ng-scope > .fa... OK

Warning Element found with secondary locator xpath=/div[2]/div/div/ul/li[2]/a/i. To use it by default, update the test step to use it as the primary loc

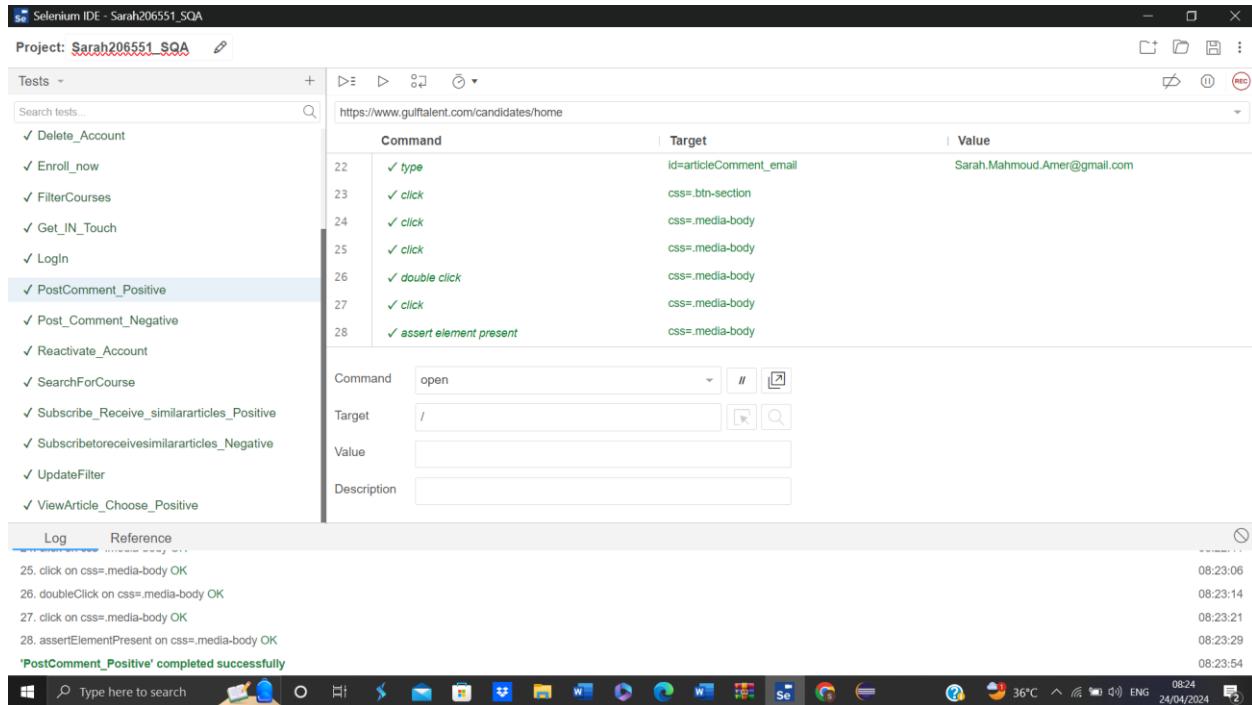
5. Trying to find css= col-sm-12 > .btn-second... OK

6. assertElementNotPresent on css=#work_experience .list-group-item OK

'delete cv' completed successfully

Sarah

1. Post comment positive (assert element present).



Tests

- ✓ Delete_Account
- ✓ Enroll_now
- ✓ FilterCourses
- ✓ Get_IN_Touch
- ✓ Login
- ✓ PostComment_Positive
- ✓ Post_Comment_Negative
- ✓ Reactivate_Account
- ✓ SearchForCourse
- ✓ Subscribe_Receive_similararticles_Positive
- ✓ Subscribetoreceivesimilararticles_Negative
- ✓ UpdateFilter
- ✓ ViewArticle_Choose_Positive

Command | **Target** | **Value**

22	✓ type	id=articleComment_email	Sarah.Mahmoud.Amer@gmail.com
23	✓ click	css=.btn-section	
24	✓ click	css=.media-body	
25	✓ click	css=.media-body	
26	✓ double click	css=.media-body	
27	✓ click	css=.media-body	
28	✓ assert element present	css=.media-body	

Log

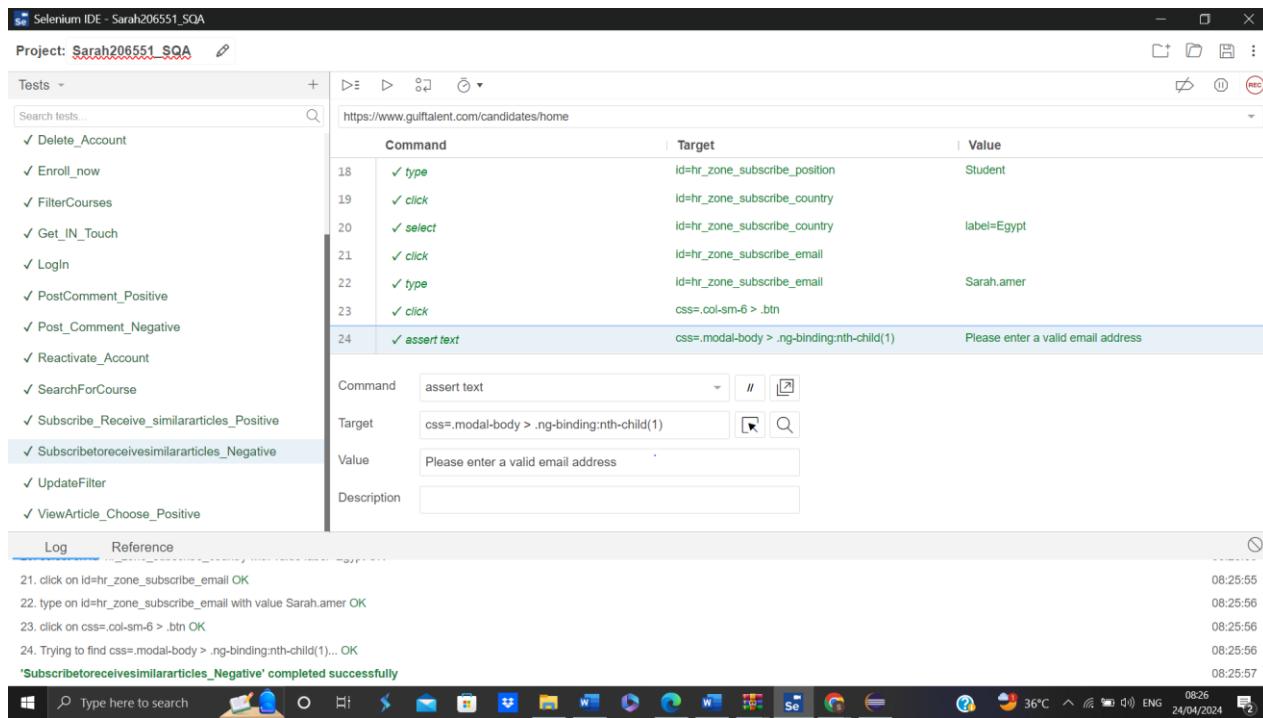
```

25. click on css=.media-body OK
26. doubleClick on css=.media-body OK
27. click on css=.media-body OK
28. assertElementPresent on css=.media-body OK
'PostComment_Positive' completed successfully

```

08:23:06
08:23:14
08:23:21
08:23:29
08:23:54

2. Subscribe to receive similar articles negative (assert text).



Tests

- ✓ Delete_Account
- ✓ Enroll_now
- ✓ FilterCourses
- ✓ Get_IN_Touch
- ✓ Login
- ✓ PostComment_Positive
- ✓ Post_Comment_Negative
- ✓ Reactivate_Account
- ✓ SearchForCourse
- ✓ Subscribe_Receive_similararticles_Positive
- ✓ Subscribetoreceivesimilararticles_Negative
- ✓ UpdateFilter
- ✓ ViewArticle_Choose_Positive

Command | **Target** | **Value**

18	✓ type	id=hr_zone_subscribe_position	Student
19	✓ click	id=hr_zone_subscribe_country	
20	✓ select	id=hr_zone_subscribe_country	label=Egypt
21	✓ click	id=hr_zone_subscribe_email	
22	✓ type	id=hr_zone_subscribe_email	Sarah.amer
23	✓ click	css=.col-sm-6 > .btn	
24	✓ assert text	css=.modal-body > .ng-binding:nth-child(1)	Please enter a valid email address

Log

```

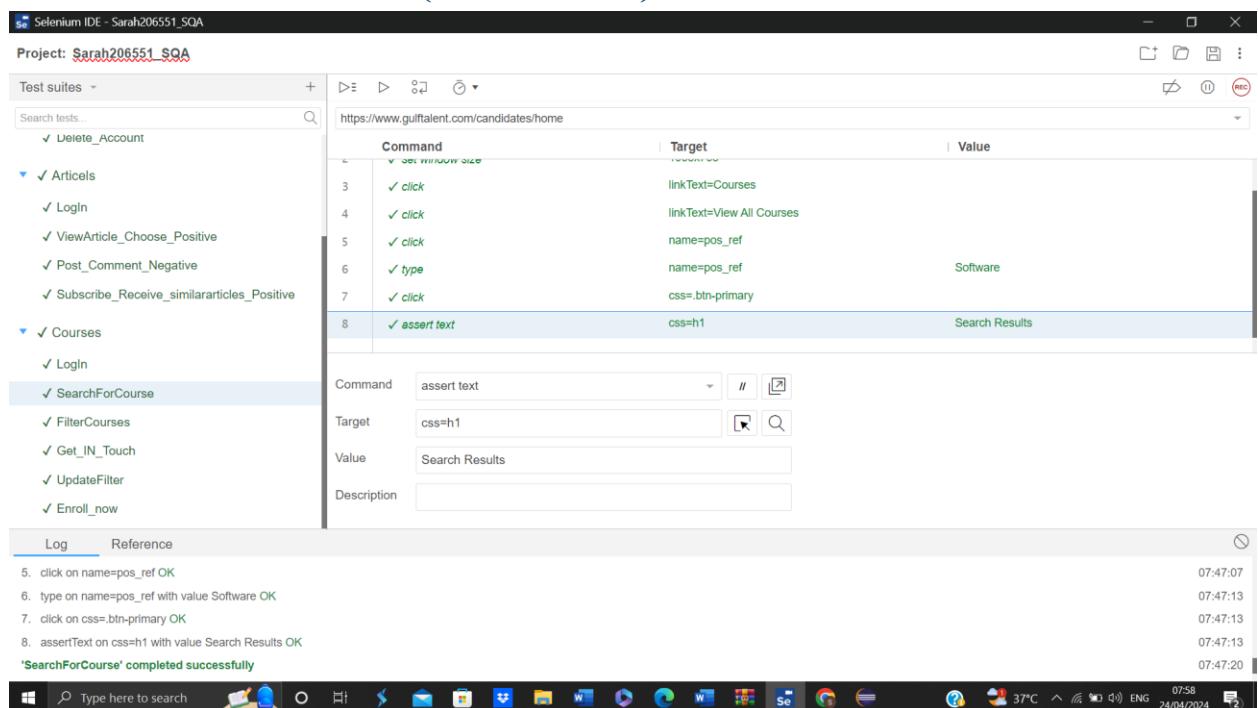
21. click on id=hr_zone_subscribe_email OK
22. type on id=hr_zone_subscribe_email with value Sarah.amer OK
23. click on css=.col-sm-6 > .btn OK
24. Trying to find css=.modal-body > .ng-binding:nth-child(1)... OK
'Subscribetoreceivesimilararticles_Negative' completed successfully

```

08:25:55
08:25:56
08:25:56
08:25:56
08:25:56

3. Courses suite

3.1 Search for a course (assert text).



Selenium IDE - Sarah206551_SQA

Project: Sarah206551_SQA

Test suites

- ✓ Delete_Account
- ✓ Articels
 - ✓ Login
 - ✓ ViewArticle_Choose_Positive
 - ✓ Post_Comment_Negative
 - ✓ Subscribe_Receive_similararticles_Positive
- ✓ Courses
 - ✓ Login
 - ✓ SearchForCourse
 - ✓ FilterCourses
 - ✓ Get_IN_Touch
 - ✓ UpdateFilter
 - ✓ Enroll_now

Command Target Value

3 ✓ click	linkText=Courses	
4 ✓ click	linkText=View All Courses	
5 ✓ click	name=pos_ref	
6 ✓ type	name=pos_ref	Software
7 ✓ click	css=.btn-primary	
8 ✓ assert text	css=h1	Search Results

Command: assert text
Target: css=h1
Value: Search Results
Description:

Log Reference

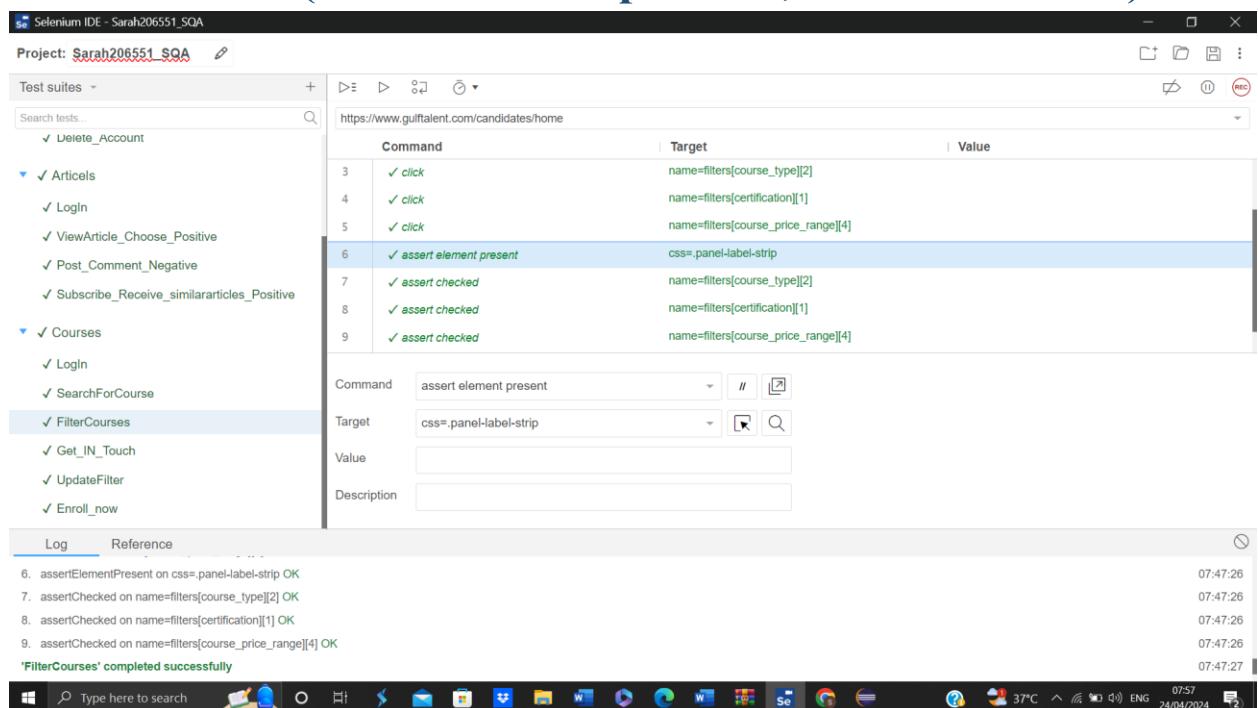
```

5. click on name=pos_ref OK
07:47:07
6. type on name=pos_ref with value Software OK
07:47:13
7. click on css=.btn-primary OK
07:47:13
8. assertText on css=h1 with value Search Results OK
07:47:13
'SearchForCourse' completed successfully
07:47:20

```

Windows taskbar: Type here to search, Start button, File Explorer, Mail, Task View, Taskbar icons, System tray: 37°C, ENG, 24/04/2024, 07:58

3.2 Filter courses (assert element present ,3 assert checked).



Selenium IDE - Sarah206551_SQA

Project: Sarah206551_SQA

Test suites

- ✓ Delete_Account
- ✓ Articels
 - ✓ Login
 - ✓ ViewArticle_Choose_Positive
 - ✓ Post_Comment_Negative
 - ✓ Subscribe_Receive_similararticles_Positive
- ✓ Courses
 - ✓ Login
 - ✓ SearchForCourse
 - ✓ FilterCourses
 - ✓ Get_IN_Touch
 - ✓ UpdateFilter
 - ✓ Enroll_now

Command Target Value

3 ✓ click	name=filters[course_type][2]	
4 ✓ click	name=filters[certification][1]	
5 ✓ click	name=filters[course_price_range][4]	
6 ✓ assert element present	css=.panel-label-strip	
7 ✓ assert checked	name=filters[course_type][2]	
8 ✓ assert checked	name=filters[certification][1]	
9 ✓ assert checked	name=filters[course_price_range][4]	

Command: assert element present
Target: css=.panel-label-strip
Value:
Description:

Log Reference

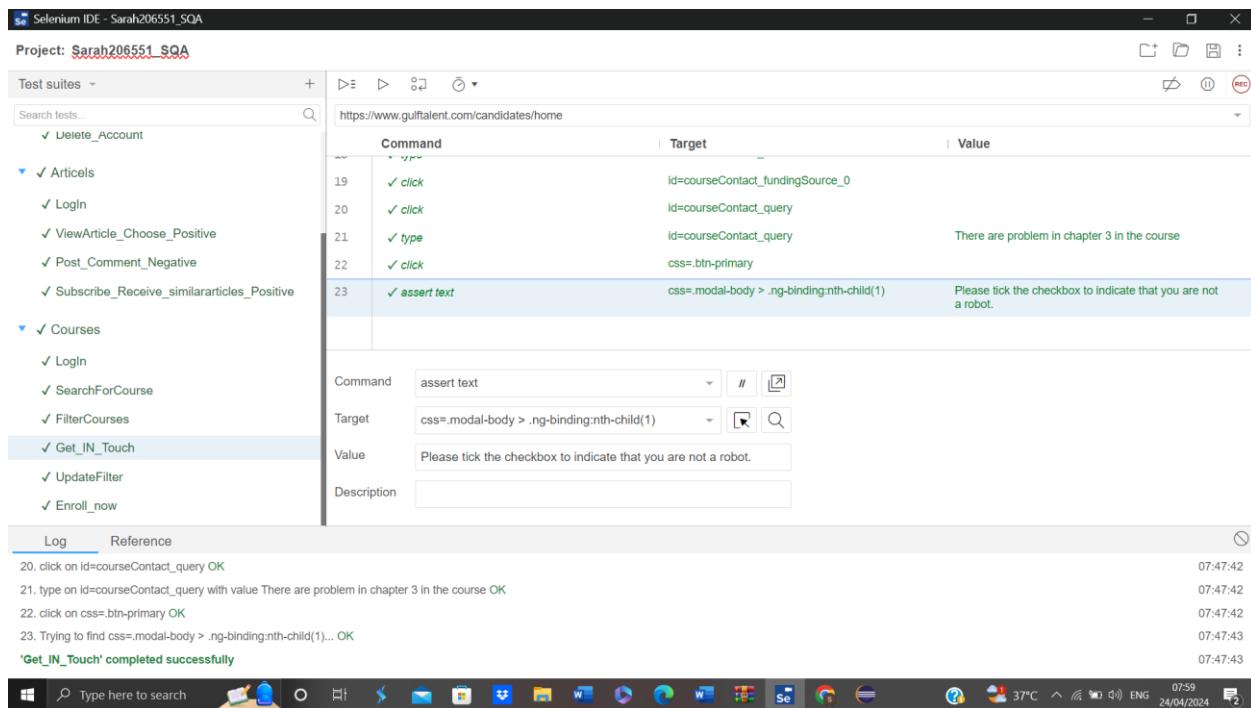
```

6. assertElementPresent on css=.panel-label-strip OK
07:47:26
7. assertChecked on name=filters[course_type][2] OK
07:47:26
8. assertChecked on name=filters[certification][1] OK
07:47:26
9. assertChecked on name=filters[course_price_range][4] OK
07:47:26
'FilterCourses' completed successfully
07:47:27

```

Windows taskbar: Type here to search, Start button, File Explorer, Mail, Task View, Taskbar icons, System tray: 37°C, ENG, 24/04/2024, 07:57

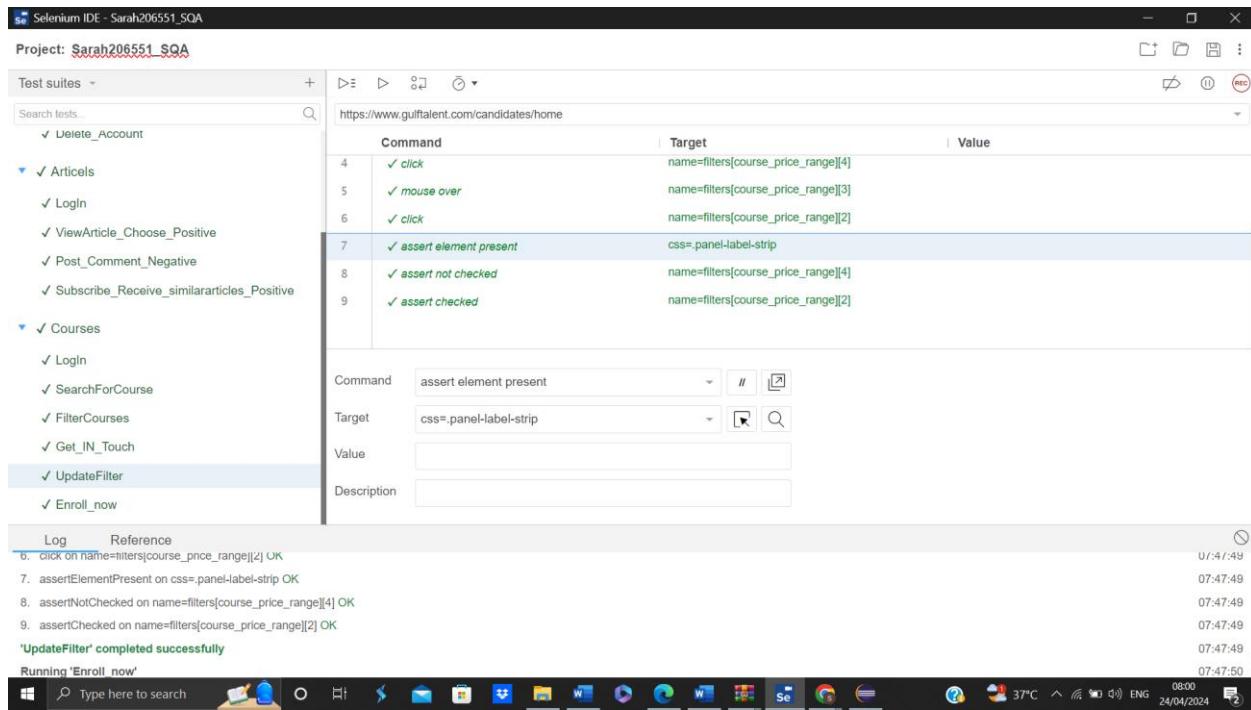
3.3 Get in touch with the course provider (assert text).



The screenshot shows the Selenium IDE interface with the following details:

- Project:** Sarah206551_SQA
- Test suites:** Delete_Account, Articels, Courses, Get_IN_Touch (selected), UpdateFilter, Enroll_now.
- Test Case:** Get_IN_Touch
 - Command:** assert text
 - Target:** css=.modal-body > .ng-binding:nth-child(1)
 - Value:** Please tick the checkbox to indicate that you are not a robot.
- Log:**
 - 20. click on id=courseContact_query OK
 - 21. type on id=courseContact_query with value There are problem in chapter 3 in the course OK
 - 22. click on css=.btn-primary OK
 - 23. Trying to find css=.modal-body > .ng-binding:nth-child(1)... OK
- Reference:** 'Get_IN_Touch' completed successfully

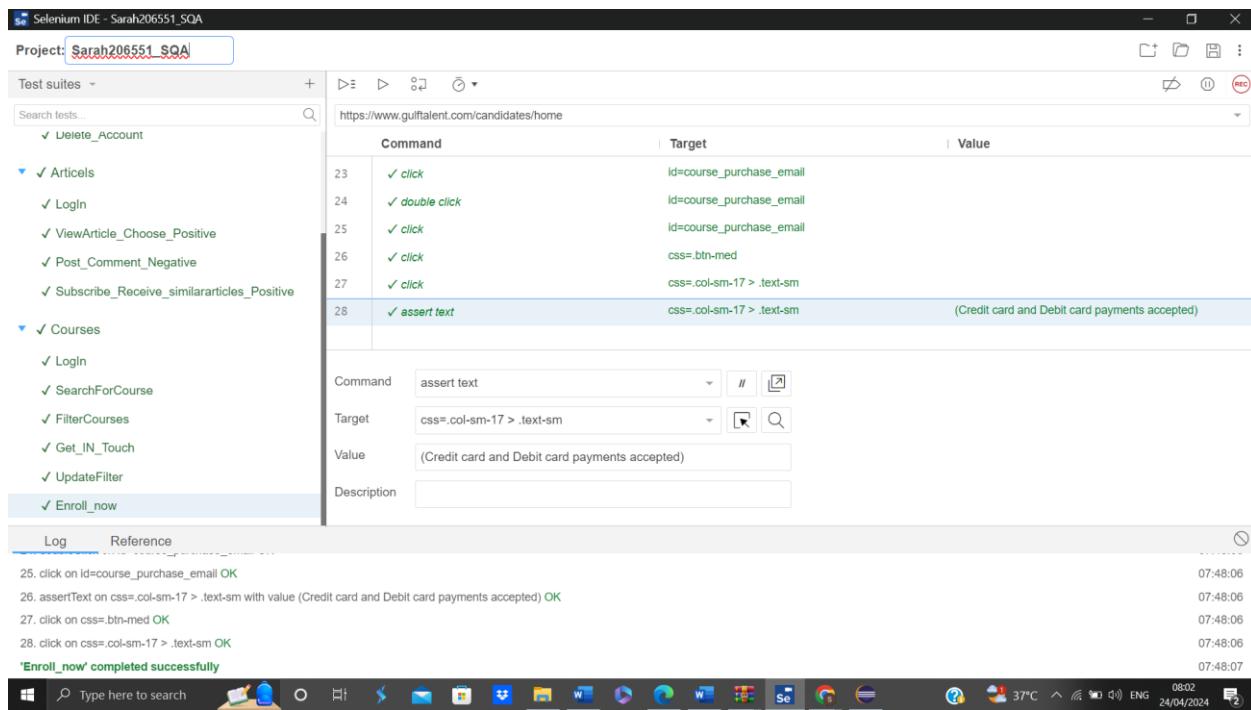
3.4 Update filter courses (assert element present , assert not checked , assert checked).



The screenshot shows the Selenium IDE interface with the following details:

- Project:** Sarah206551_SQA
- Test suites:** Delete_Account, Articels, Courses, Get_IN_Touch (selected), UpdateFilter, Enroll_now.
- Test Case:** UpdateFilter
 - Command:** assert element present
 - Target:** css=.panel-label-strip
 - Value:**
 - Description:**
- Log:**
 - b. click on name=filters[course_price_range][2] OK
 - 7. assertElementPresent on css=.panel-label-strip OK
 - 8. assertNotChecked on name=filters[course_price_range][4] OK
 - 9. assertChecked on name=filters[course_price_range][2] OK
- Reference:** 'UpdateFilter' completed successfully

3.5 Enroll now (assert text).



Selenium IDE - Sarah206551_SQA

Project: Sarah206551_SQA

Test suites

- ✓ Delete_Account
- ✓ Articls
- ✓ Login
- ✓ ViewArticle_Choose_Positive
- ✓ Post_Comment_Negative
- ✓ Subscribe_Receive_similararticles_Positive
- ✓ Courses
- ✓ Login
- ✓ SearchForCourse
- ✓ FilterCourses
- ✓ Get_IN_Touch
- ✓ UpdateFilter
- ✓ Enroll_now

Search tests...

https://www.gulftalent.com/candidates/home

Command	Target	Value
23 ✓ click	id=course_purchase_email	
24 ✓ double click	id=course_purchase_email	
25 ✓ click	id=course_purchase_email	
26 ✓ click	css=.btn-med	
27 ✓ click	css=.col-sm-17 > .text-sm	
28 ✓ assert text	css=.col-sm-17 > .text-sm	(Credit card and Debit card payments accepted)

Command: assert text //

Target: css=.col-sm-17 > .text-sm

Value: (Credit card and Debit card payments accepted)

Description:

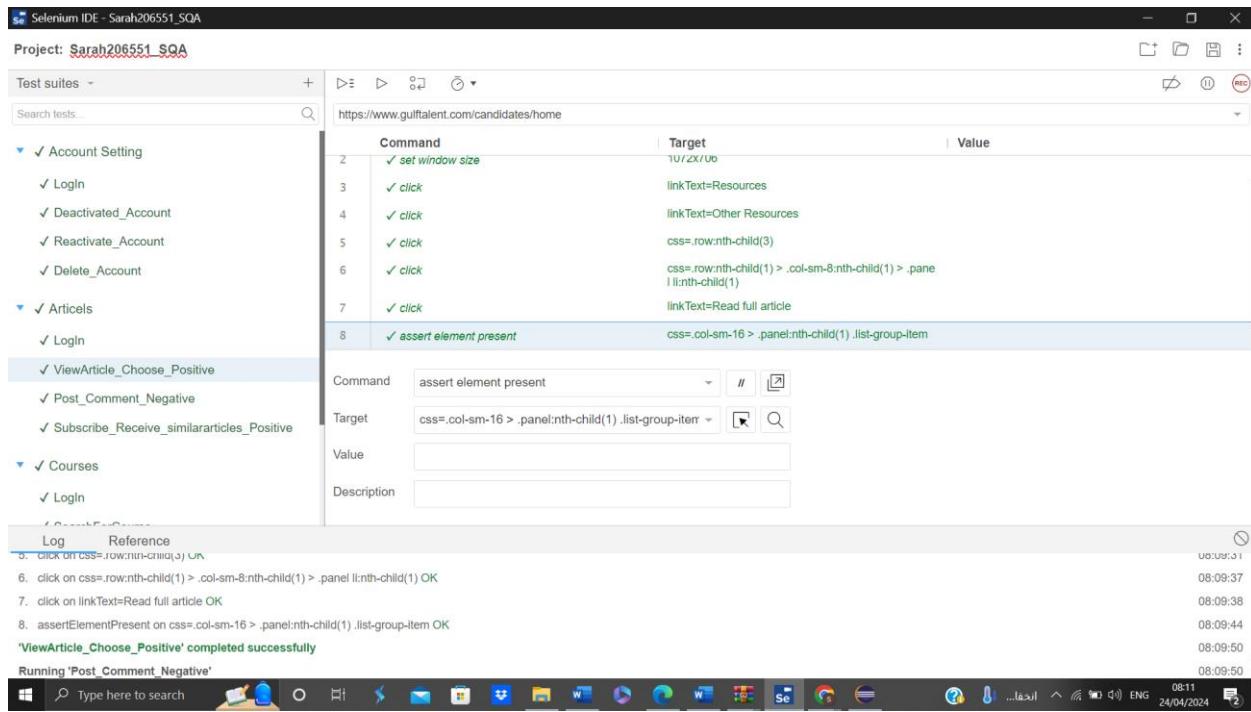
Log Reference

25. click on id=course_purchase_email OK 07:48:06
 26. assertText on css=.col-sm-17 > .text-sm with value (Credit card and Debit card payments accepted) OK 07:48:06
 27. click on css=.btn-med OK 07:48:06
 28. click on css=.col-sm-17 > .text-sm OK 07:48:06
 'Enroll_now' completed successfully 07:48:07

Type here to search  

4 Articles suite

4.1 View/choose article (assert element present).



Selenium IDE - Sarah206551_SQA

Project: Sarah206551_SQA

Test suites

- ✓ Account Setting
- ✓ Login
- ✓ Deactivated_Account
- ✓ Reactivate_Account
- ✓ Delete_Account
- ✓ Articls
- ✓ Login
- ✓ ViewArticle_ChOOSE_Positive
- ✓ Post_Comment_Negative
- ✓ Subscribe_Receive_similararticles_Positive
- ✓ Courses
- ✓ Login

Search tests...

https://www.gulftalent.com/candidates/home

Command	Target	Value
2 ✓ set window size	TU/ZX/U0	
3 ✓ click	linkText/Resources	
4 ✓ click	linkText=Other Resources	
5 ✓ click	css=row:nth-child(3)	
6 ✓ click	css=row:nth-child(1) > .col-sm-8:nth-child(1) > .pane	
7 ✓ click	linkText=Read full article	
8 ✓ assert element present	css=.col-sm-16 > .panel:nth-child(1).list-group-item	

Command: assert element present //

Target: css=.col-sm-16 > .panel:nth-child(1).list-group-item

Value:

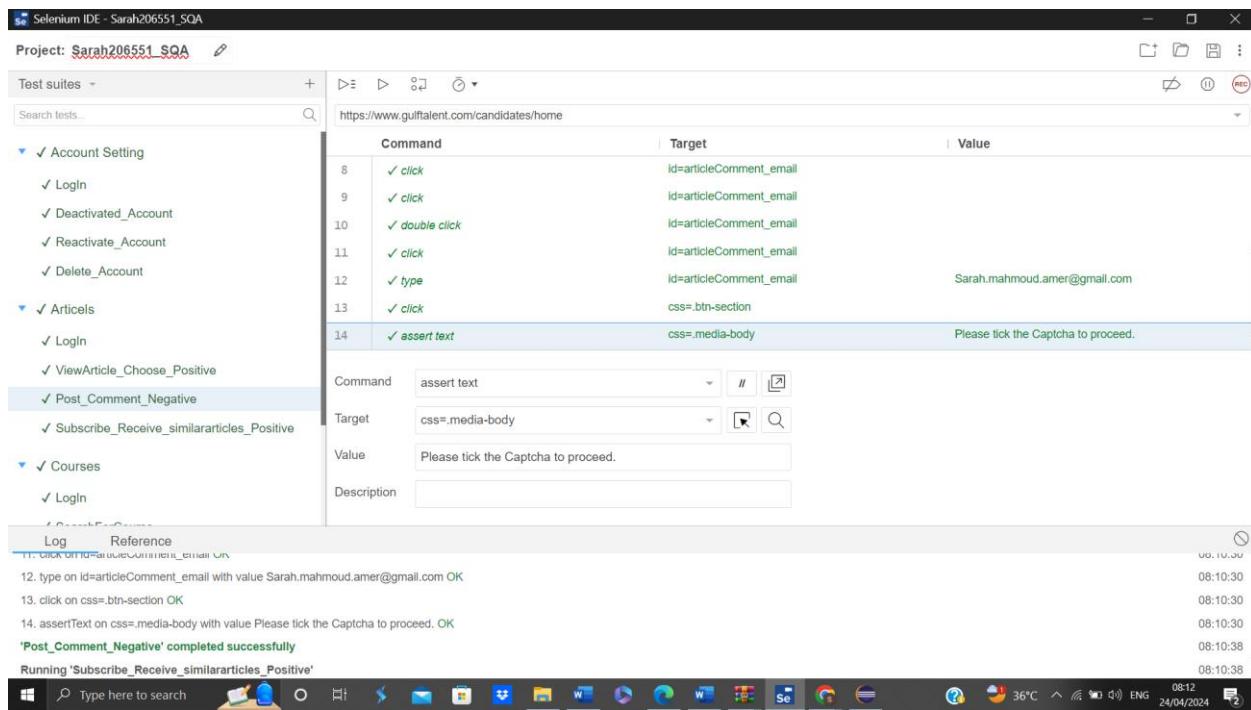
Description:

Log Reference

5. click on css=row:nth-child(3) OK 08:09:37
 6. click on css=row:nth-child(1) > .col-sm-8:nth-child(1) > .pane li:nth-child(1) 08:09:38
 7. click on linkText=Read full article OK 08:09:38
 8. assertElementPresent on css=.col-sm-16 > .panel:nth-child(1).list-group-item OK 08:09:44
 'ViewArticle_ChOOSE_Positive' completed successfully 08:09:50
 Running 'Post_Comment_Negative' 08:09:50

Type here to search  

4.2 Post comment Negative (assert text).



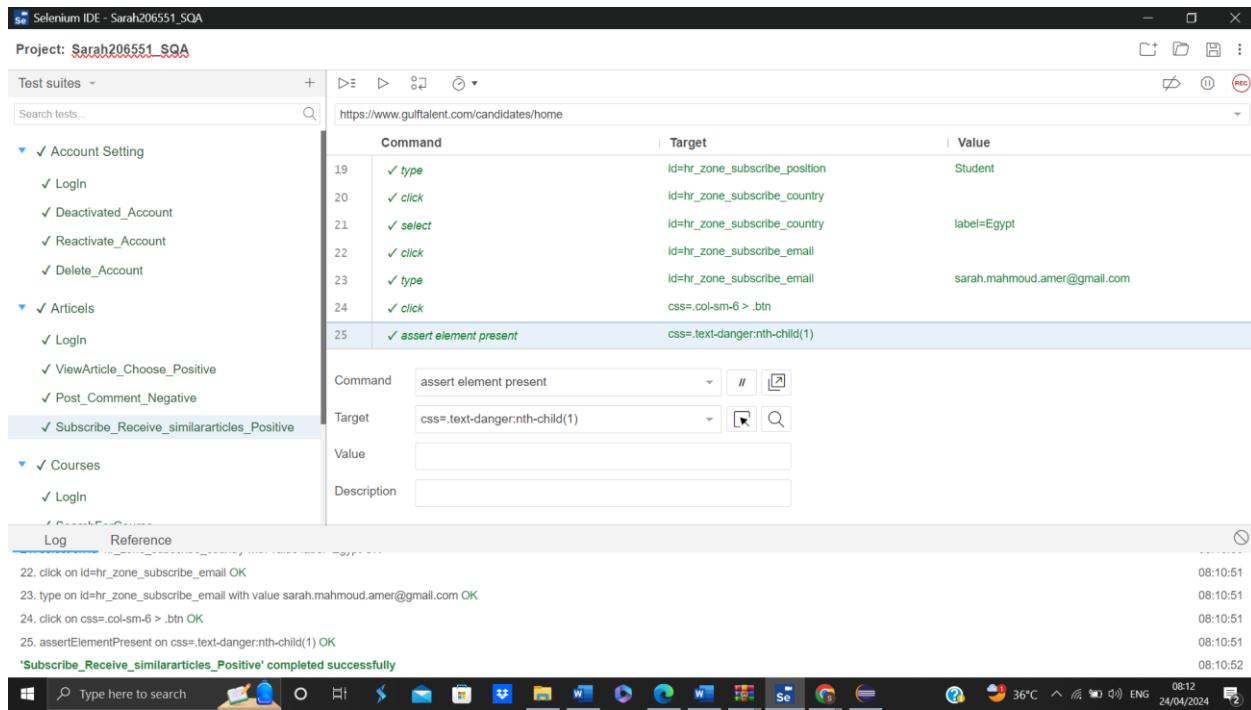
The screenshot shows the Selenium IDE interface with the following details:

- Project:** Sarah206551_SQA
- Test suites:** Account Setting, Articels, Courses
- Selected Test:** Post_Comment_Negative
- Test Steps:**

Step	Command	Target	Value
8	✓ click	id=articleComment_email	
9	✓ click	id=articleComment_email	
10	✓ double click	id=articleComment_email	
11	✓ click	id=articleComment_email	
12	✓ type	id=articleComment_email	Sarah.mahmoud.amer@gmail.com
13	✓ click	css=.btn-section	
14	✓ assert text	css=.media-body	Please tick the Captcha to proceed.
- Log:**

```
11. click on id=articleComment_email OK
12. type on id=articleComment_email with value Sarah.mahmoud.amer@gmail.com OK
13. click on css=.btn-section OK
14. assertText on css=.media-body with value Please tick the Captcha to proceed. OK
'Post_Comment_Negative' completed successfully
Running 'Subscribe_Receive_similararticles_Positive'
```

4.3 Subscribe to receive similar articles Positive (assert element present).



The screenshot shows the Selenium IDE interface with the following details:

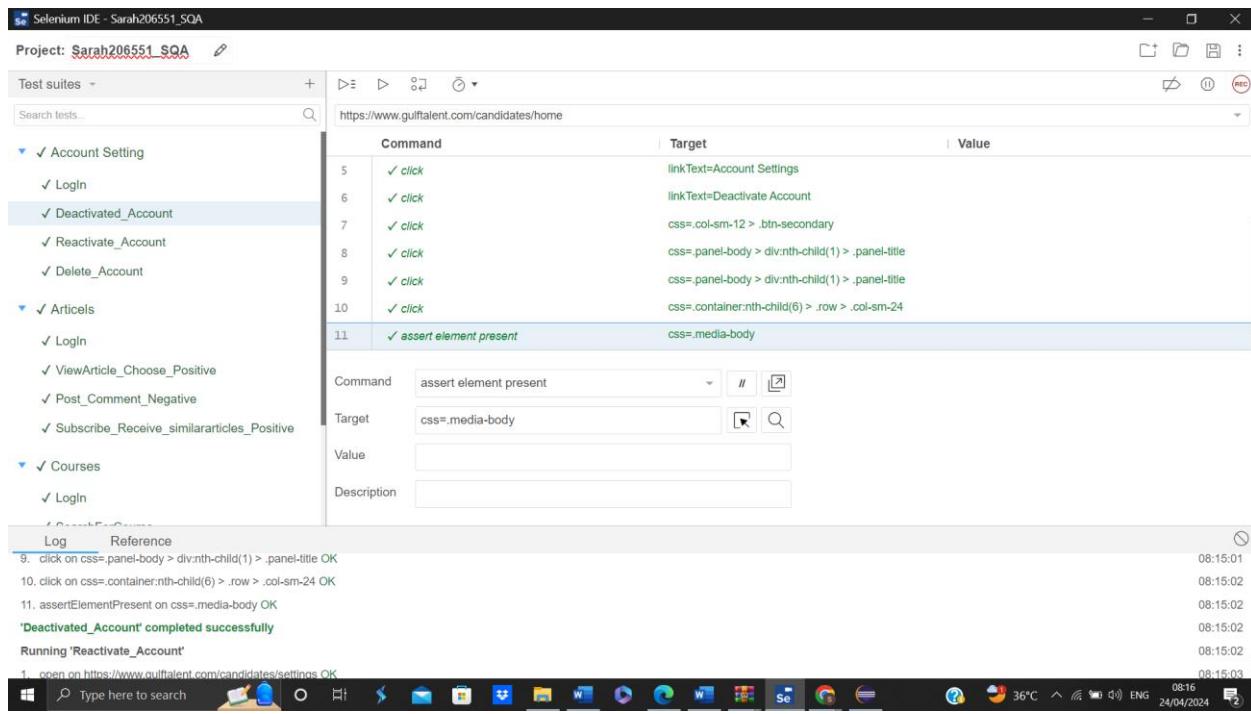
- Project:** Sarah206551_SQA
- Test suites:** Account Setting, Articels, Courses
- Selected Test:** Subscribe_Receive_similararticles_Positive
- Test Steps:**

Step	Command	Target	Value
19	✓ type	id=hr_zone_subscribe_position	Student
20	✓ click	id=hr_zone_subscribe_country	
21	✓ select	id=hr_zone_subscribe_country	label=Egypt
22	✓ click	id=hr_zone_subscribe_email	
23	✓ type	id=hr_zone_subscribe_email	sarah.mahmoud.amer@gmail.com
24	✓ click	css=.col-sm-6 > .btn	
25	✓ assert element present	css=.text-danger:nth-child(1)	
- Log:**

```
22. click on Id=hr_zone_subscribe_email OK
23. type on id=hr_zone_subscribe_email with value sarah.mahmoud.amer@gmail.com OK
24. click on css=.col-sm-6 > .btn OK
25. assertElementPresent on css=.text-danger:nth-child(1) OK
'Subscribe_Receive_similararticles_Positive' completed successfully
```

5 Account setting suite.

5.1 Deactivate account (assert element present).



Selenium IDE - Sarah206551_SQA

Project: Sarah206551_SQA

Test suites +

Search tests...

https://www.gultalent.com/candidates/home

Command	Target	Value
5 ✓ click	linkText=Account Settings	
6 ✓ click	linkText=Deactivate Account	
7 ✓ click	css=.col-sm-12 > .btn-secondary	
8 ✓ click	css=.panel-body > div:nth-child(1) > .panel-title	
9 ✓ click	css=.panel-body > div:nth-child(1) > .panel-title	
10 ✓ click	css=.container:nth-child(6) > .row > .col-sm-24	
11 ✓ assert element present	css=.media-body	

Command: assert element present //

Target: css=.media-body

Value:

Description:

Log Reference

9. click on css=.panel-body > div:nth-child(1) > .panel-title OK 08:15:01

10. click on css=.container:nth-child(6) > .row > .col-sm-24 OK 08:15:02

11. assertElementPresent on css=.media-body OK 08:15:02

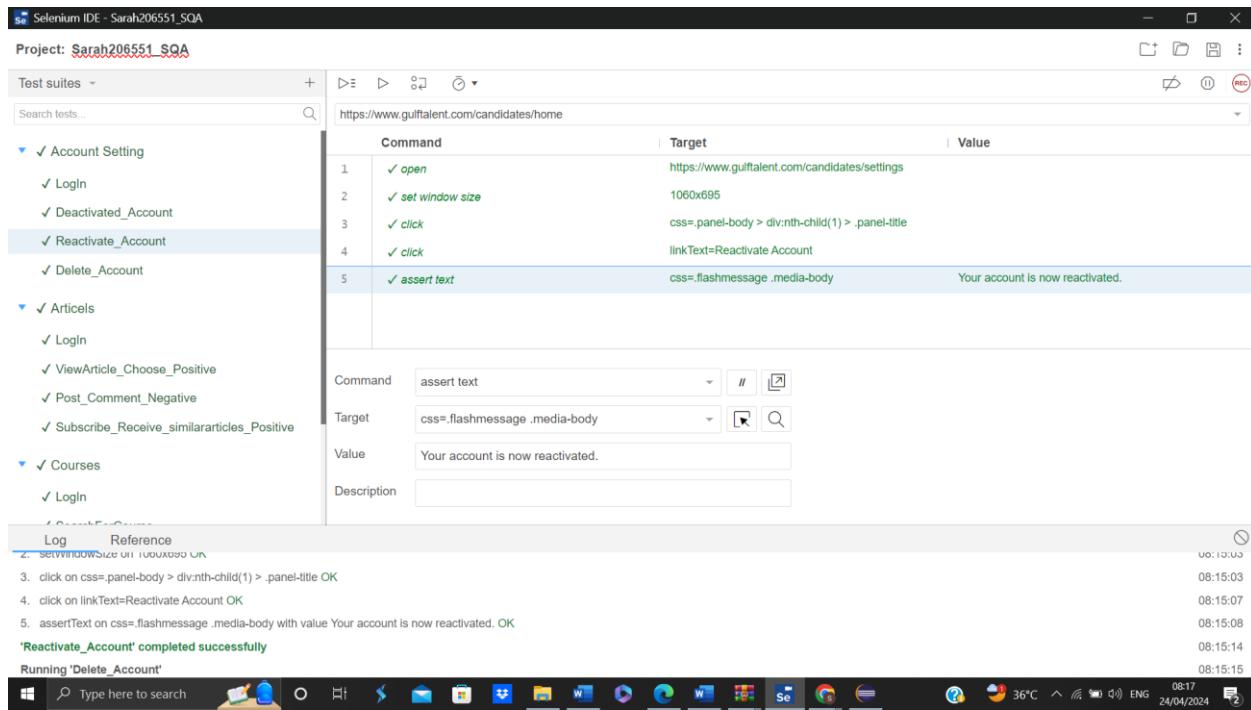
'Deactivated_Account' completed successfully 08:15:02

Running 'Reactive_Account'

1. open on https://www.gultalent.com/candidates/settings OK 08:15:03

Windows Taskbar: Type here to search, File Explorer, Mail, Task View, Start, Taskbar icons, Se, Google Chrome, Microsoft Edge, Firefox, 36°C, ENG, 24/04/2024, 08:16

5.2 Reactivate account (assert text).



Selenium IDE - Sarah206551_SQA

Project: Sarah206551_SQA

Test suites +

Search tests...

https://www.gultalent.com/candidates/home

Command	Target	Value
1 ✓ open	https://www.gultalent.com/candidates/settings	
2 ✓ set window size	1060x695	
3 ✓ click	css=.panel-body > div:nth-child(1) > .panel-title	
4 ✓ click	linkText=Reactivate Account	
5 ✓ assert text	css=.flashmessage .media-body	Your account is now reactivated.

Command: assert text //

Target: css=.flashmessage .media-body

Value: Your account is now reactivated.

Description:

Log Reference

2. setWindowSize on 1060x695 OK 08:15:03

3. click on css=.panel-body > div:nth-child(1) > .panel-title OK 08:15:03

4. click on linkText=Reactivate Account OK 08:15:07

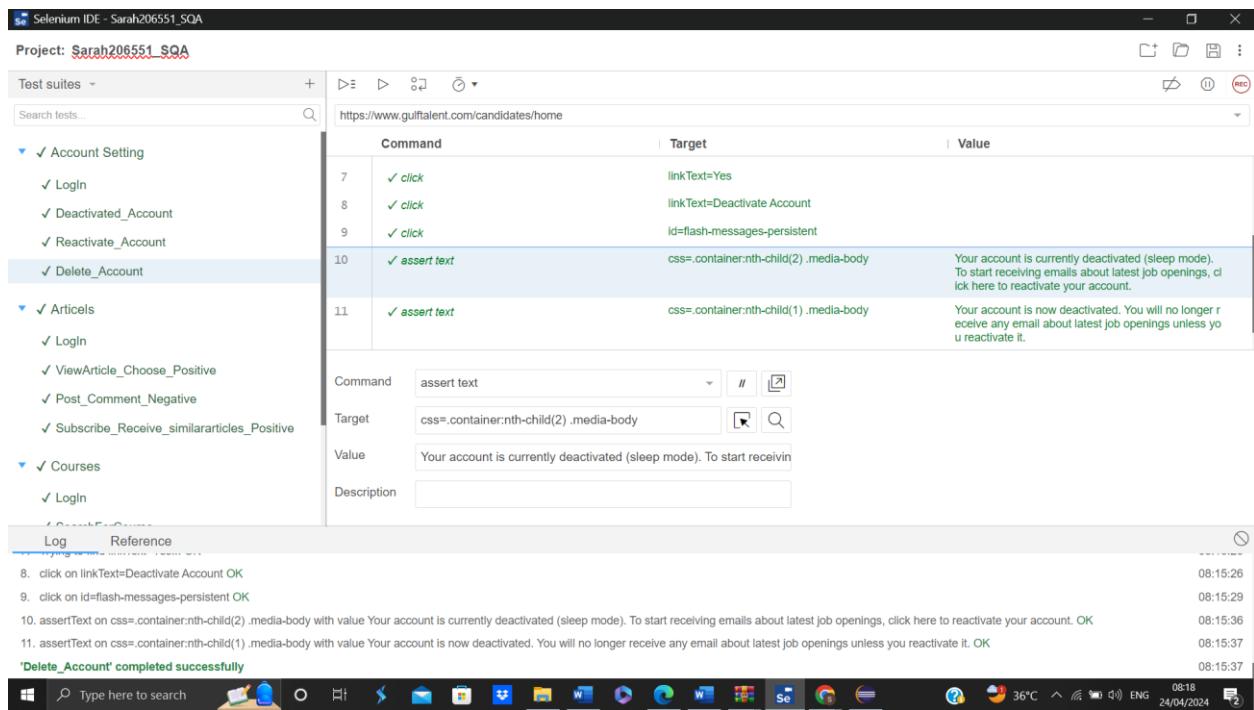
5. assertText on css=.flashmessage .media-body with value Your account is now reactivated. OK 08:15:08

'Reactivate_Account' completed successfully 08:15:14

Running 'Delete_Account'

Windows Taskbar: Type here to search, File Explorer, Mail, Task View, Start, Taskbar icons, Se, Google Chrome, Microsoft Edge, Firefox, 36°C, ENG, 24/04/2024, 08:17

5.3 Remove account (2 assert text).



Selenium IDE - Sarah206551_SQA

Project: Sarah206551_SQA

Test suites

Search tests...

Account Setting

- ✓ Login
- ✓ Deactivated_Account
- ✓ Reactivate_Account
- ✓ Delete_Account**
- ✓ Articels
- ✓ Login
- ✓ ViewArticle_Choose_Positive
- ✓ Post_Comment_Negative
- ✓ Subscribe_Receive_similararticles_Positive
- ✓ Courses
- ✓ Login

Command Target Value

7	✓ click	linkText=Yes
8	✓ click	linkText=Deactivate Account
9	✓ click	id=flash-messages-persistent
10	✓ assert text	css=.container:nth-child(2).media-body
11	✓ assert text	css=.container:nth-child(1).media-body

Command Target Value Description

assert text css=.container:nth-child(2).media-body Your account is currently deactivated (sleep mode). To start receiving emails about latest job openings, click here to reactivate your account.

assert text css=.container:nth-child(1).media-body Your account is now deactivated. You will no longer receive any email about latest job openings unless you reactivate it.

Log Reference

8. click on linkText=Deactivate Account OK 08:15:26

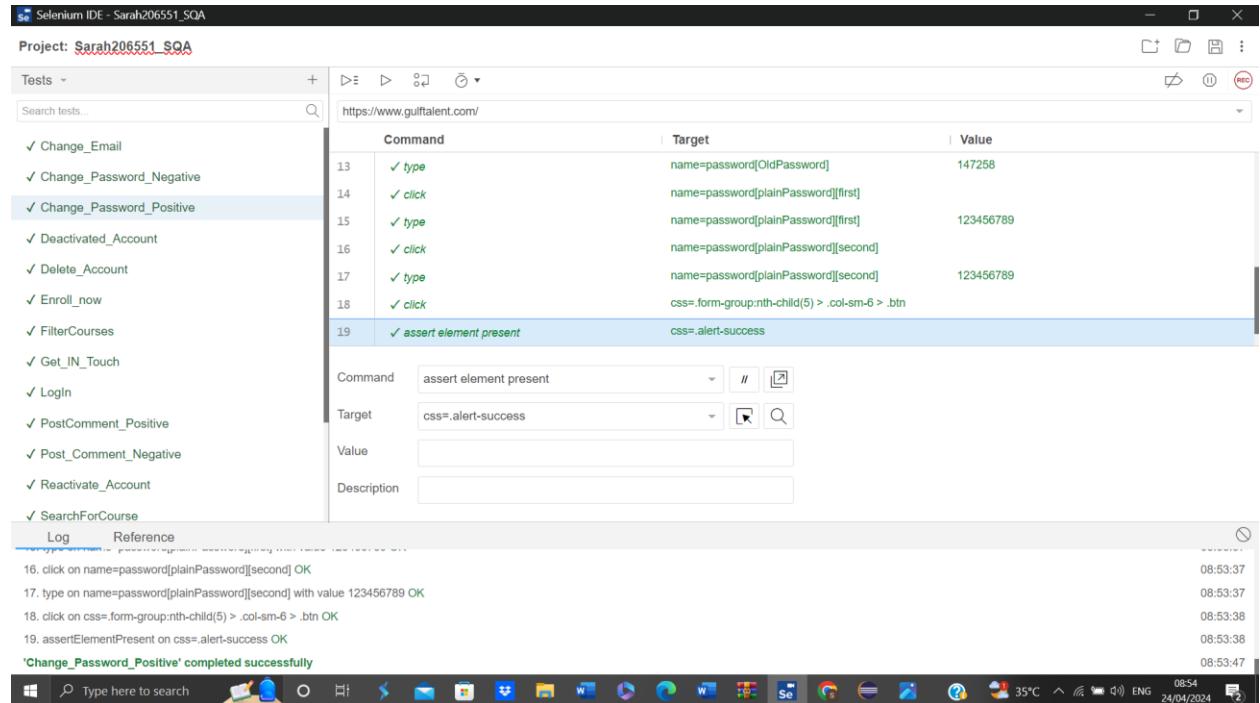
9. click on id=flash-messages-persistent OK 08:15:29

10. assertText on css=.container:nth-child(2).media-body with value Your account is currently deactivated (sleep mode). To start receiving emails about latest job openings, click here to reactivate your account. OK 08:15:36

11. assertText on css=.container:nth-child(1).media-body with value Your account is now deactivated. You will no longer receive any email about latest job openings unless you reactivate it. OK 08:15:37

'Delete_Account' completed successfully 08:15:37

6 Change password positive (assert element present).



Selenium IDE - Sarah206551_SQA

Project: Sarah206551_SQA

Tests

Search tests...

Change_Email

Change_Password_Negative

Change_Password_Positive

Deactivated_Account

Delete_Account

Enroll_now

FilterCourses

Get_IN_Touch

Login

PostComment_Positive

Post_Comment_Negative

Reactivate_Account

SearchForCourse

Command Target Value Description

13	✓ type	name=password[OldPassword]	147258
14	✓ click	name=password[plainPassword][first]	
15	✓ type	name=password[plainPassword][first]	123456789
16	✓ click	name=password[plainPassword][second]	
17	✓ type	name=password[plainPassword][second]	123456789
18	✓ click	css=.form-group:nth-child(5) > .col-sm-6 > .btn	
19	✓ assert element present	css=.alert-success	

Command Target Value Description

assert element present css=.alert-success

Log Reference

16. click on name=password[plainPassword][second] OK 08:53:37

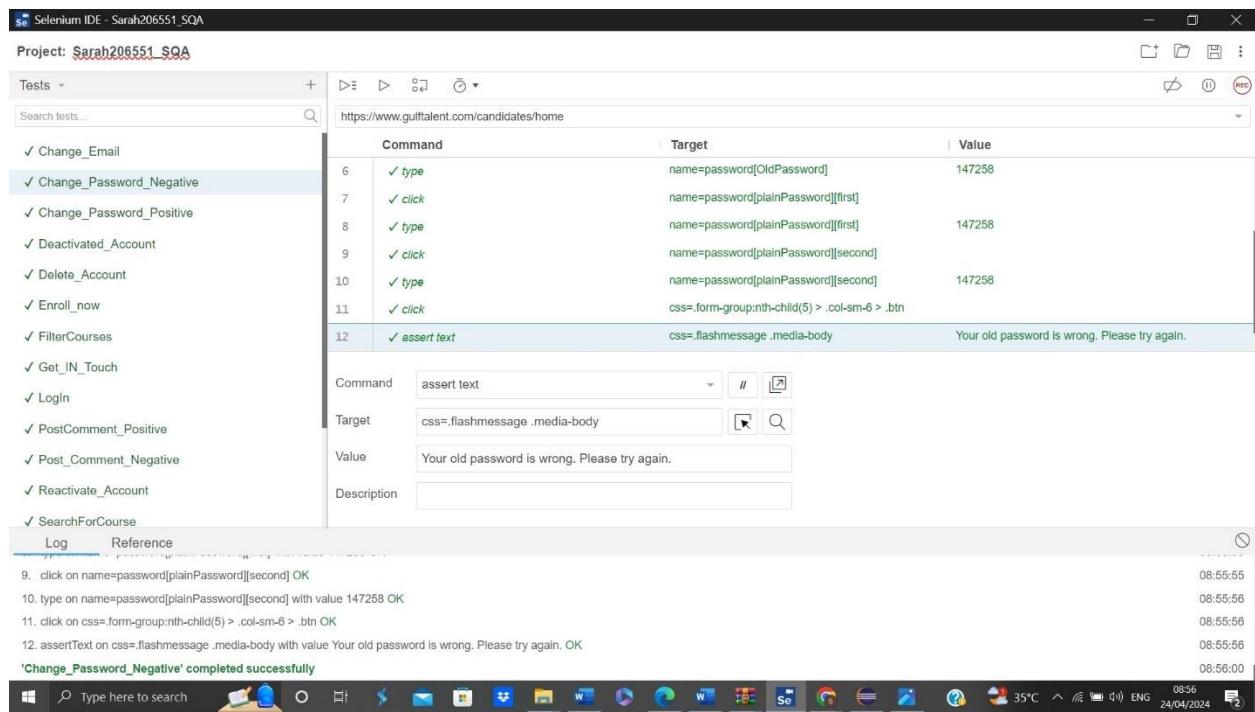
17. type on name=password[plainPassword][second] with value 123456789 OK 08:53:37

18. click on css=.form-group:nth-child(5) > .col-sm-6 > .btn OK 08:53:38

19. assertElementPresent on css=.alert-success OK 08:53:38

'Change_Password_Positive' completed successfully 08:53:47

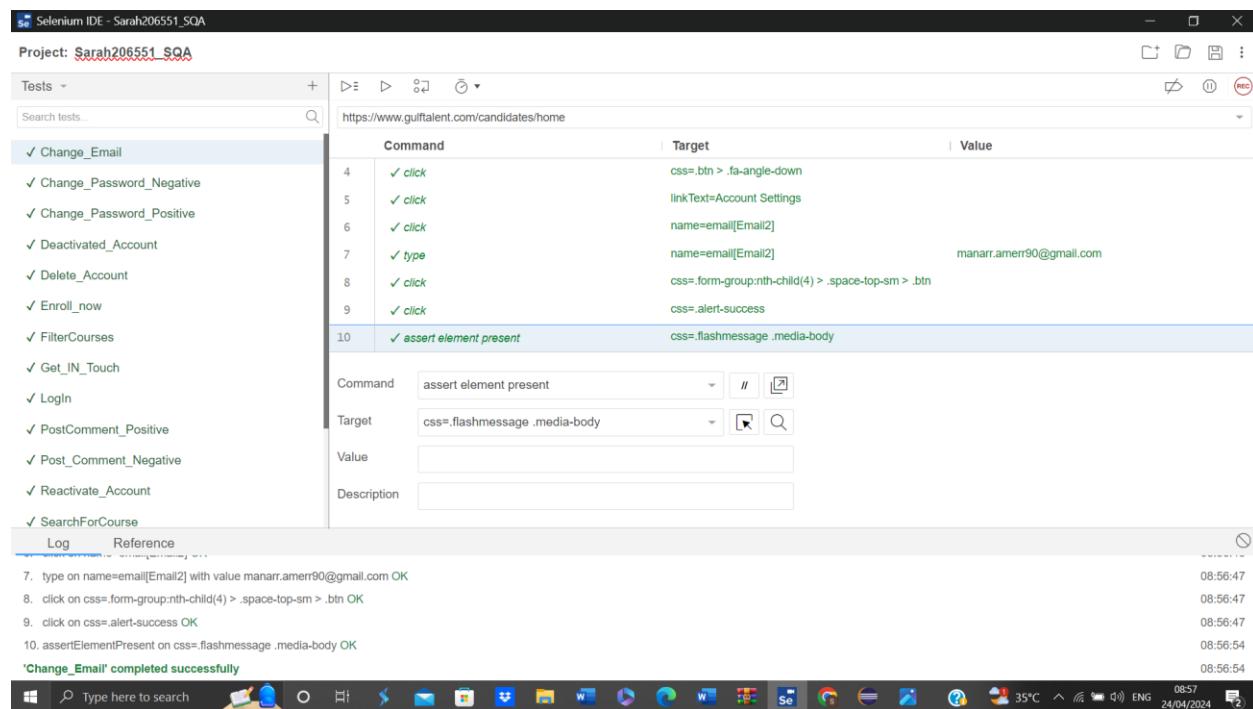
7 Change password negative (assert text).



The screenshot shows the Selenium IDE interface with the following details:

- Project:** Sarah206551_SQA
- Test Case:** ✓ Change_Password_Negative
- URL:** https://www.gultalent.com/candidates/home
- Log:**
 - click on name=password[plainPassword][second] OK
 - type on name=password[plainPassword][second] with value 147258 OK
 - click on css=.form-group:nth-child(5) > .col-sm-6 > .btn OK
 - assertText on css=.flashmessage .media-body with value Your old password is wrong. Please try again. OK
- Description:** 'Change_Password_Negative' completed successfully.

8 Change email (assert element present).

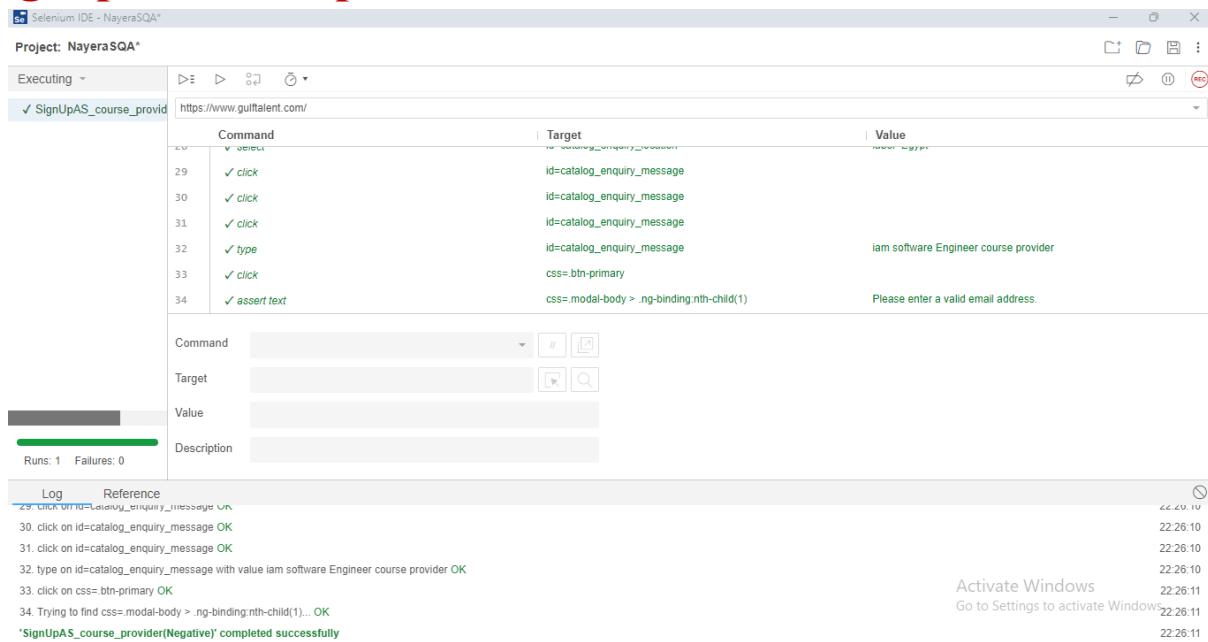


The screenshot shows the Selenium IDE interface with the following details:

- Project:** Sarah206551_SQA
- Test Case:** ✓ Change_Email
- URL:** https://www.gultalent.com/candidates/home
- Log:**
 - type on name=email[Email2] with value manarr.amerr90@gmail.com OK
 - click on css=.form-group:nth-child(4) > .space-top-sm > .btn OK
 - click on css=.alert-success OK
 - assertElementPresent on css=.flashmessage .media-body OK
- Description:** 'Change_Email' completed successfully.

Nayera

1. Signup as course provider



Selenium IDE - NayeraSQA*

Project: NayeraSQA*

Executing ✓ SignUpAS_course_provider https://www.gulftalent.com/

Command	Target	Value
29. ✓ click	id=catalog_enquiry_message	
30. ✓ click	id=catalog_enquiry_message	
31. ✓ click	id=catalog_enquiry_message	
32. ✓ type	id=catalog_enquiry_message	iam software Engineer course provider
33. ✓ click	css=btn-primary	
34. ✓ assert text	css=modal-body > .ng-binding:nth-child(1)	Please enter a valid email address.

Runs: 1 Failures: 0

Log Reference

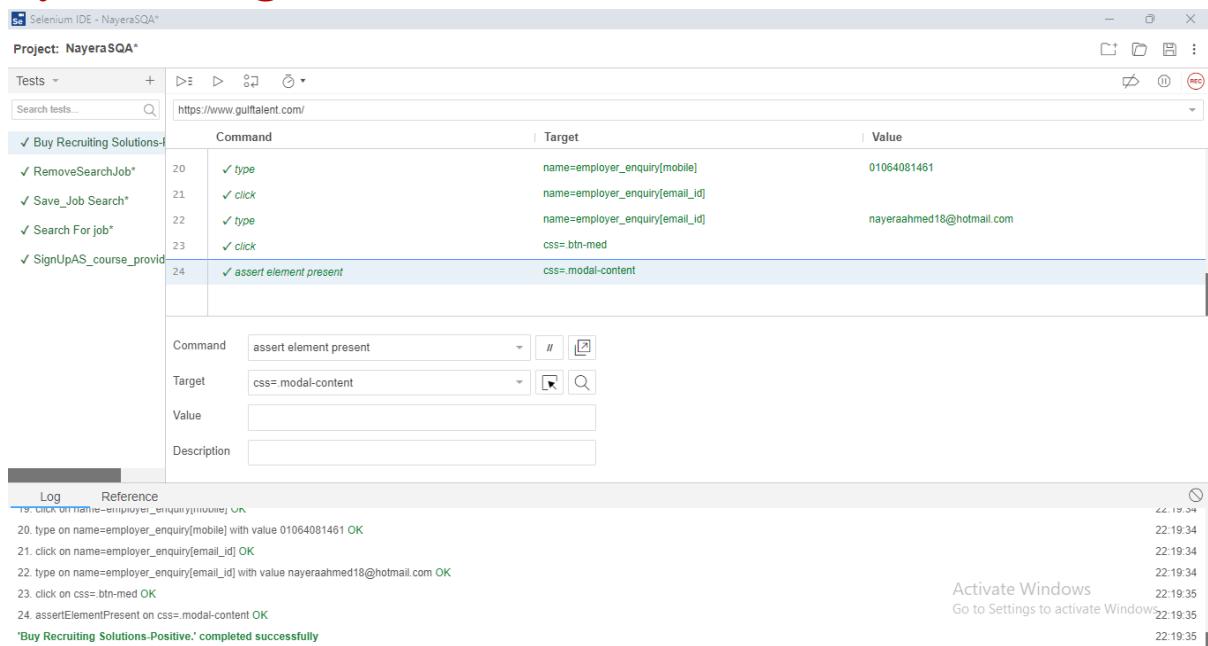
```

29. click on id=catalog_enquiry_message OK
30. click on id=catalog_enquiry_message OK
31. click on id=catalog_enquiry_message OK
32. type on id=catalog_enquiry_message with value iam software Engineer course provider OK
33. click on css=btn-primary OK
34. Trying to find css=modal-body > .ng-binding nth-child(1)... OK
'SignUpAS_course_provider(Negative)' completed successfully

```

Activate Windows
Go to Settings to activate Windows
22:26:11

2. Buy recruiting solutions.



Selenium IDE - NayeraSQA*

Project: NayeraSQA*

Tests + https://www.gulftalent.com/

✓ Buy Recruiting Solutions-[]

Command	Target	Value
20. ✓ type	name=employer_enquiry[mobile]	01064081461
21. ✓ click	name=employer_enquiry[email_id]	
22. ✓ type	name=employer_enquiry[email_id]	nayerahmed18@hotmail.com
23. ✓ click	css=btn-med	
24. ✓ assert element present	css=modal-content	

assert element present

css= modal-content

Value

Description

Log Reference

```

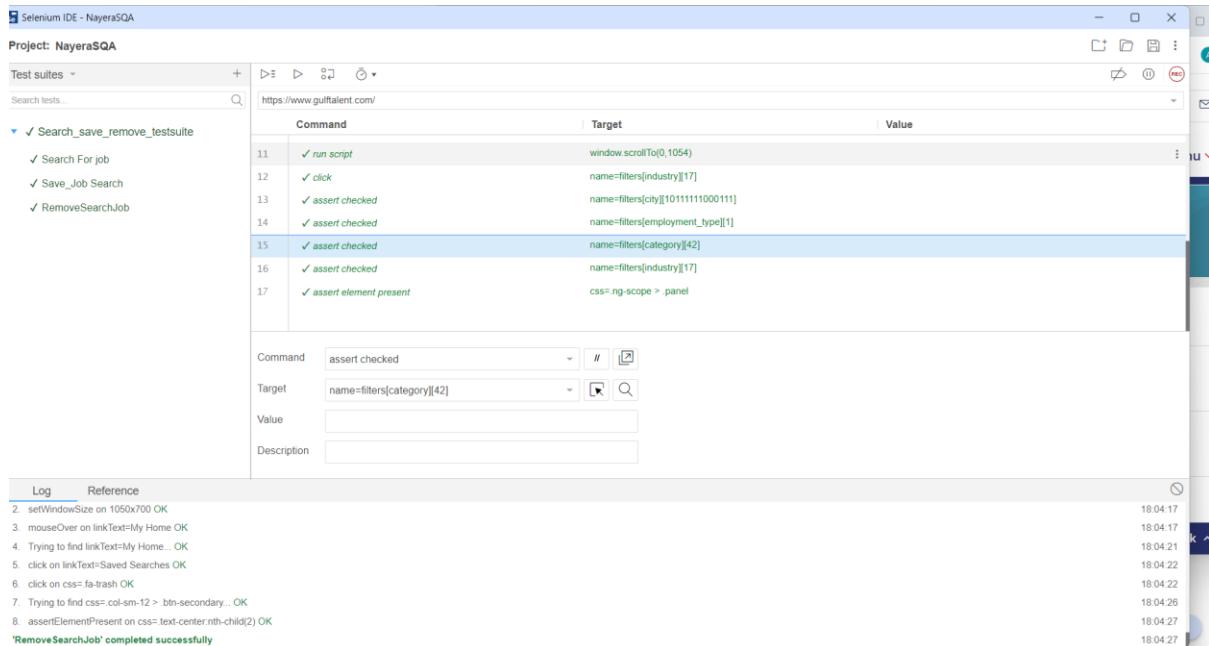
19. click on name=employer_enquiry[mobile] OK
20. type on name=employer_enquiry[mobile] with value 01064081461 OK
21. click on name=employer_enquiry[email_id] OK
22. type on name=employer_enquiry[email_id] with value nayerahmed18@hotmail.com OK
23. click on css=btn-med OK
24. assertElementPresent on css=modal-content OK
'Buy Recruiting Solutions-Positive.' completed successfully

```

Activate Windows
Go to Settings to activate Windows
22:19:35

3. Job suite

3.1 Search for job



Selenium IDE - NayeraSQA

Project: NayeraSQA

Test suites + ✓ Search_save_remove_testsuite

Search tests... ✓ Search For job ✓ Save_Job Search ✓ RemoveSearchJob

https://www.gulftalent.com/

Command	Target	Value
11 ✓ run script	window.scrollTo(0,1054)	
12 ✓ click	name=filters[industry][17]	
13 ✓ assert checked	name=filters[city][1011111000111]	
14 ✓ assert checked	name=filters[employment_type][1]	
15 ✓ assert checked	name=filters[category][42]	
16 ✓ assert checked	name=filters[industry][17]	
17 ✓ assert element present	css=ng-scope > panel	

Command: assert checked // ✓

Target: name=filters[category][42] ✓

Description:

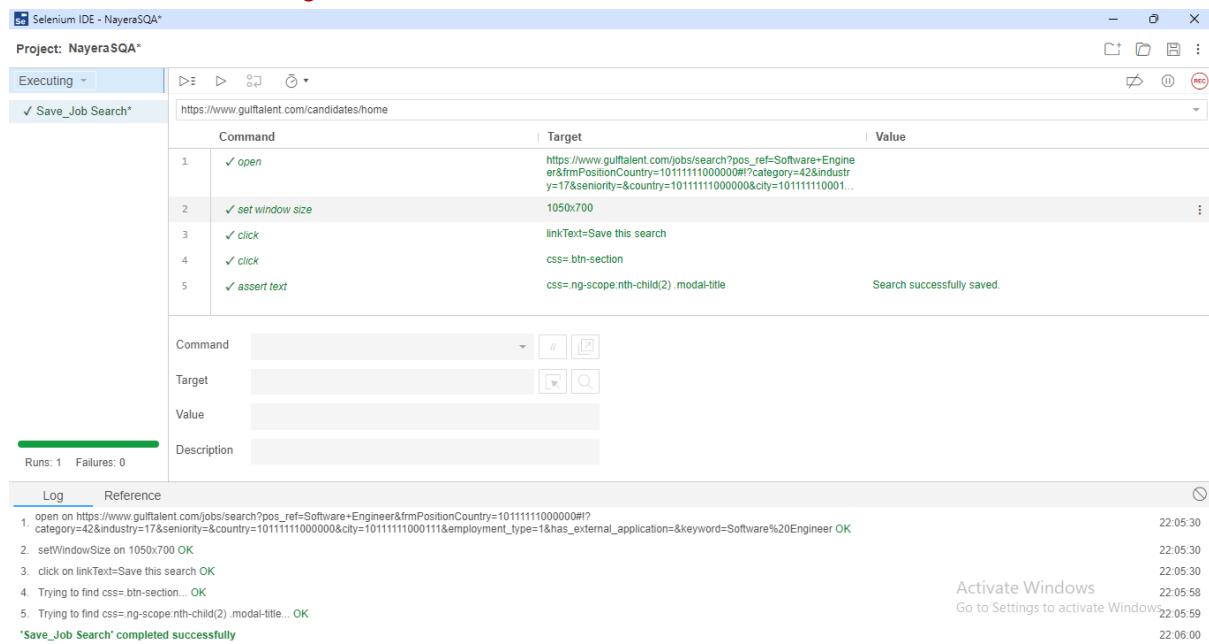
Log Reference

```

2. setWindowSize on 1050x700 OK
3. mouseOver on linkText=My Home... OK
4. Trying to find linkText=My Home... OK
5. click on linkText=Saved Searches OK
6. click on css=fa-trash OK
7. Trying to find css= col-sm-12 > .btn-secondary... OK
8. assertElementPresent on css=text-center:nth-child(2) OK
'RemoveSearchJob' completed successfully
  
```

18:04:17
18:04:17
18:04:21
18:04:22
18:04:22
18:04:26
18:04:27
18:04:27

3.2 Save search job



Selenium IDE - NayeraSQA*

Project: NayeraSQA*

Executing ✓ Save_Job Search*

https://www.gulftalent.com/candidates/home

Command	Target	Value
1 ✓ open	https://www.gulftalent.com/jobs/search?pos_ref=Software+Engineer&frmPositionCountry=101111100000#?category=42&industry=17&seniority=&country=101111100000&city=10111110001...	
2 ✓ set window size	1050x700	
3 ✓ click	linkText=Save this search	
4 ✓ click	css=.btn-section	
5 ✓ assert text	css= ng-scope:nth-child(2) .modal-title	Search successfully saved.

Command: ✓

Target: ✓

Description: ✓

Runs: 1 Failures: 0

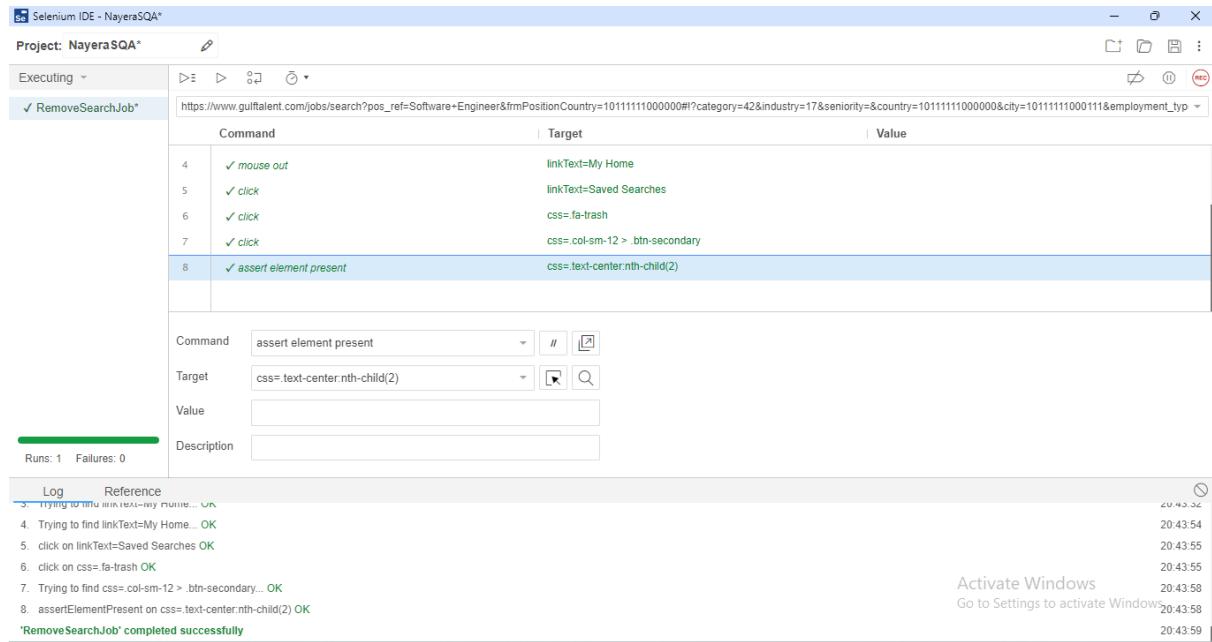
Log Reference

```

1. open on https://www.gulftalent.com/jobs/search?pos_ref=Software+Engineer&frmPositionCountry=101111100000#?category=42&industry=17&seniority=&country=101111100000&city=1011111000111&employment_type=1&has_external_application=&keyword=Software%20Engineer OK
2. setWindowSize on 1050x700 OK
3. click on linkText=Save this search OK
4. Trying to find css=.btn-section... OK
5. Trying to find css= ng-scope:nth-child(2) .modal-title... OK
'Save_Job Search' completed successfully
  
```

22:05:30
22:05:30
22:05:30
22:05:58
22:05:59
Activate Windows
Go to Settings to activate Windows
22:06:00

3.2 Remove searched job



The screenshot shows the Selenium IDE interface with the following details:

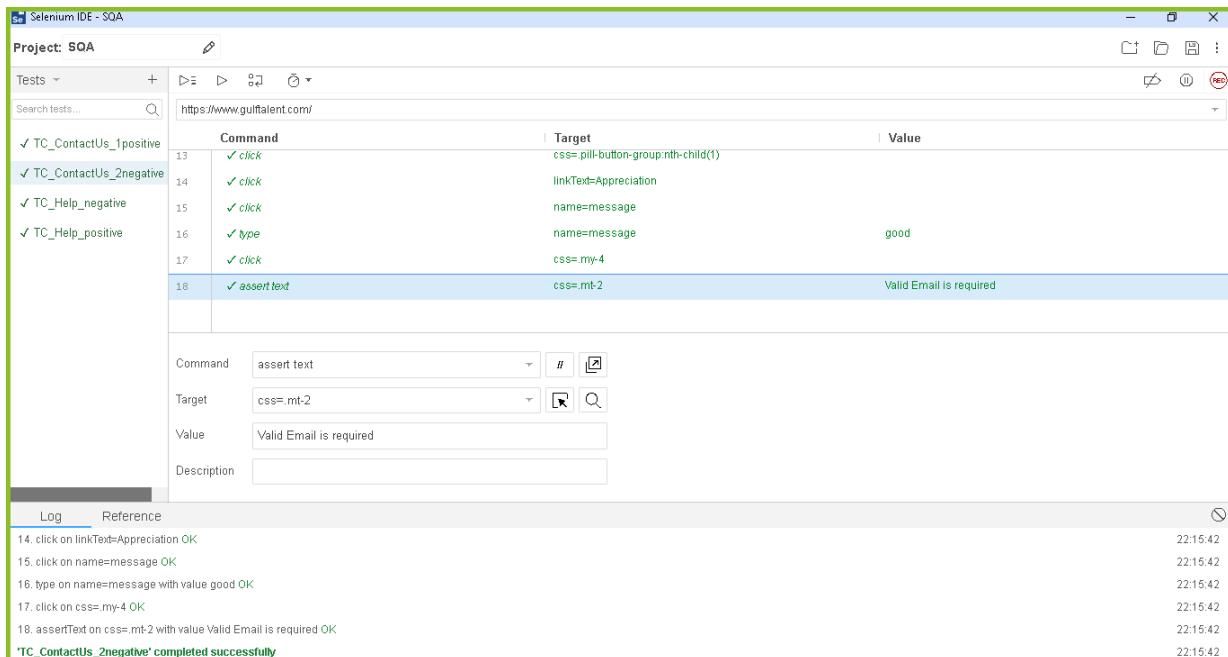
- Project:** NayeraSQA*
- Executing:** ✓ RemoveSearchJob*
- URL:** https://www.gulftalent.com/jobs/search?pos_ref=Software+Engineer&frmPositionCountry=10111111000000#l?category=42&industry=17&seniority=&country=10111111000000&city=10111111000111&employment_type=
- Script Content:**

Command	Target	Value
4 ✓ mouse out	linkText=My Home	
5 ✓ click	linkText=Saved Searches	
6 ✓ click	css=.fa-trash	
7 ✓ click	css=.col-sm-12 > .btn-secondary	
8 ✓ assert element present	css=.text-center:nth-child(2)	
- Run Status:** Runs: 1 Failures: 0
- Log:**
 - 3. Trying to find linkText=My Home... OK
 - 4. Trying to find linkText=Saved Searches... OK
 - 5. click on linkText=Saved Searches OK
 - 6. click on css=.fa-trash OK
 - 7. Trying to find css=.col-sm-12 > .btn-secondary... OK
 - 8. assertElementPresent on css=.text-center:nth-child(2) OK

'RemoveSearchJob' completed successfully
- Reference:**
 - 20:43:52
 - 20:43:54
 - 20:43:55
 - 20:43:55
 - 20:43:58
 - 20:43:58
 - Activate Windows
 - Go to Settings to activate Windows
 - 20:43:59

Kareem

1. Contact us negative.



Selenium IDE - SQA

Project: SQA

Tests: TC_ContactUs_1positive, TC_ContactUs_2negative, TC_Help_negative, TC_Help_positive

URL: https://www.guitalent.com/

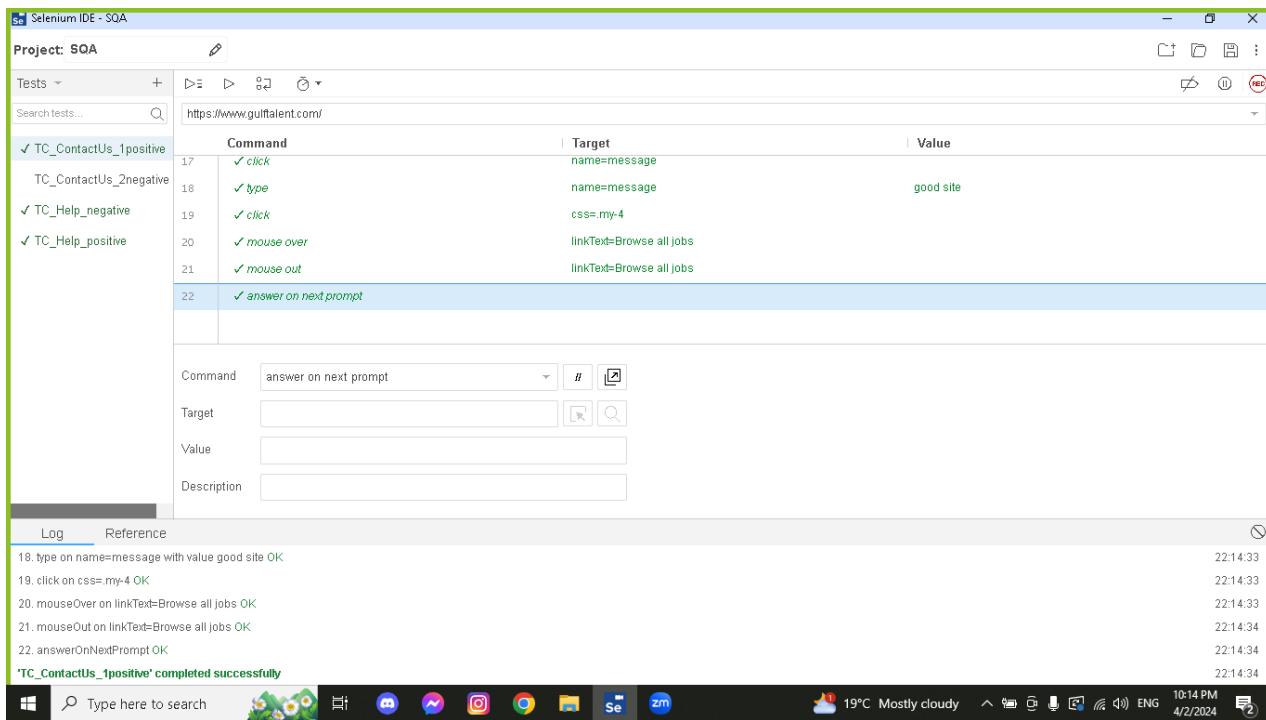
Command	Target	Value
✓ click	css=.pill-button-group:nth-child(1)	
✓ click	linkText=Appreciation	
✓ click	name=message	
✓ type	name=message	good
✓ click	css=.my-4	
✓ assert text	css=.mt-2	Valid Email is required

Log:

- 14. click on linkText=Appreciation OK 22:15:42
- 15. click on name=message OK 22:15:42
- 16. type on name=message with value good OK 22:15:42
- 17. click on css=.my-4 OK 22:15:42
- 18. assertText on css=.mt-2 with value Valid Email is required OK 22:15:42

'TC_ContactUs_2negative' completed successfully 22:15:42

2. Contact us positive.



Selenium IDE - SQA

Project: SQA

Tests: TC_ContactUs_1positive, TC_ContactUs_2negative, TC_Help_negative, TC_Help_positive

URL: https://www.guitalent.com/

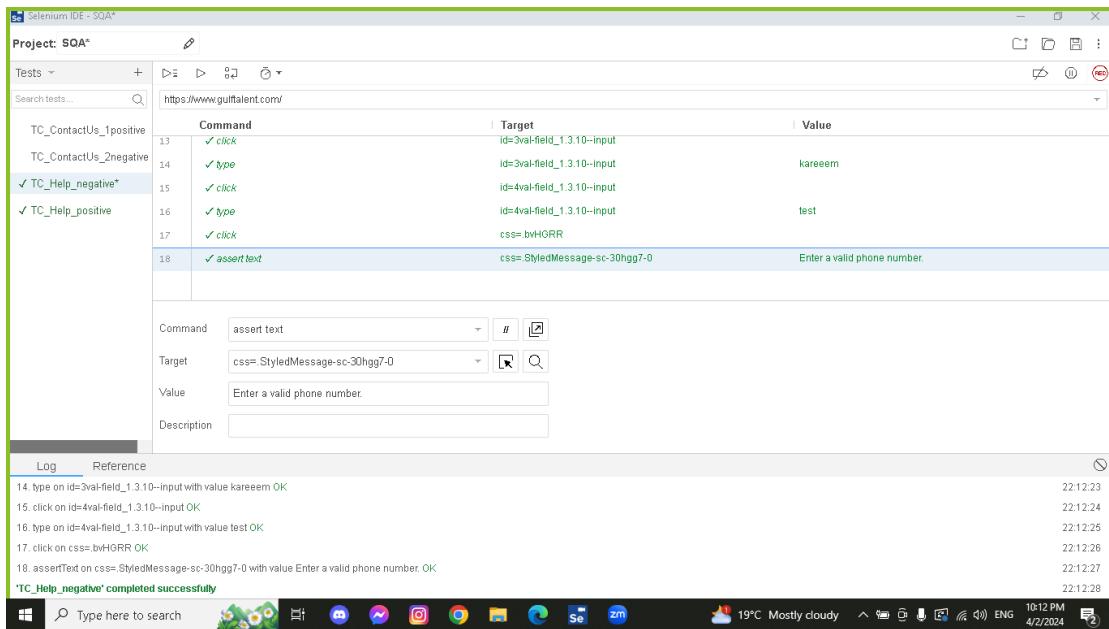
Command	Target	Value
✓ click	name=message	
✓ type	name=message	good site
✓ click	css=.my-4	
✓ mouse over	linkText=Browse all jobs	
✓ mouse out	linkText=Browse all jobs	
✓ answer on next prompt		

Log:

- 18. type on name=message with value good site OK 22:14:33
- 19. click on css=.my-4 OK 22:14:33
- 20. mouseOver on linkText=Browse all jobs OK 22:14:33
- 21. mouseOut on linkText=Browse all jobs OK 22:14:34
- 22. answerOnNextPrompt OK 22:14:34

'TC_ContactUs_1positive' completed successfully 22:14:34

3. Help negative.



Selenium IDE - SOA*

Project: SOA*

Tests: TC_ContactUs_1_positive, TC_ContactUs_2_negative, ✓ TC_Help_negative*, ✓ TC_Help_positive

Test Case: TC_Help_negative*

Command	Target	Value
✓ click	id=3val-field_1.3.10--input	
✓ type	id=3val-field_1.3.10--input	kareem
✓ click	id=4val-field_1.3.10--input	
✓ type	id=4val-field_1.3.10--input	test
✓ click	css=.bvHGR	
✓ assertText	css=.StyledMessage-sc-30hgg7-0	Enter a valid phone number.

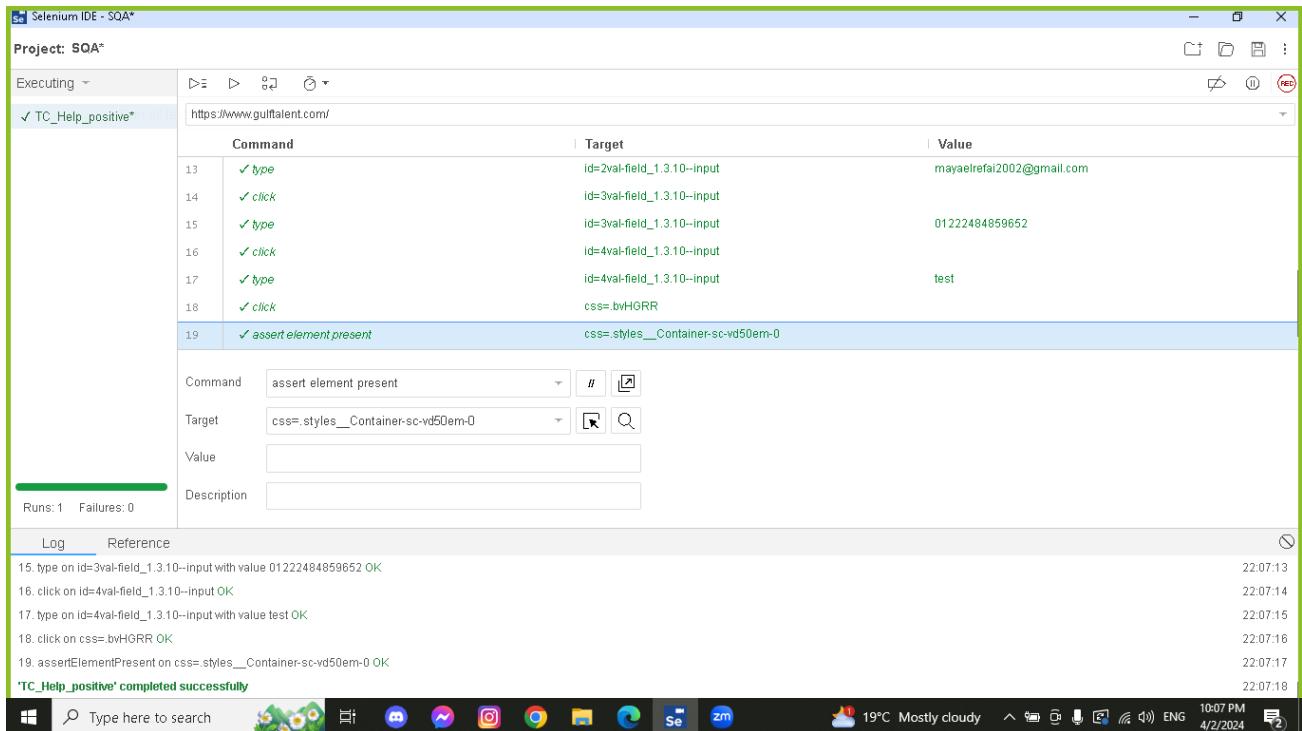
Log:

- 14. type on id=3val-field_1.3.10--input with value kareem OK
- 15. click on id=4val-field_1.3.10--input OK
- 16. type on id=4val-field_1.3.10--input with value test OK
- 17. click on css=.bvHGR OK
- 18. assertText on css=.StyledMessage-sc-30hgg7-0 with value Enter a valid phone number. OK

'TC_Help_negative*' completed successfully

Windows taskbar: Type here to search, File Explorer, Task View, Chat, Mail, Instagram, Chrome, Edge, Se, Zm, 19°C Mostly cloudy, 10:12 PM, 4/2/2024

4. Help positive.



Selenium IDE - SOA*

Project: SOA*

Executing: ✓ TC_Help_positive*

Test Case: TC_Help_positive*

Command	Target	Value
✓ type	id=2val-field_1.3.10--input	mayaerefai2002@gmail.com
✓ click	id=3val-field_1.3.10--input	
✓ type	id=3val-field_1.3.10--input	01222484859652
✓ click	id=4val-field_1.3.10--input	
✓ type	id=4val-field_1.3.10--input	test
✓ click	css=.bvHGR	
✓ assertElementPresent	css=.styles__Container-sc-vd50em-0	

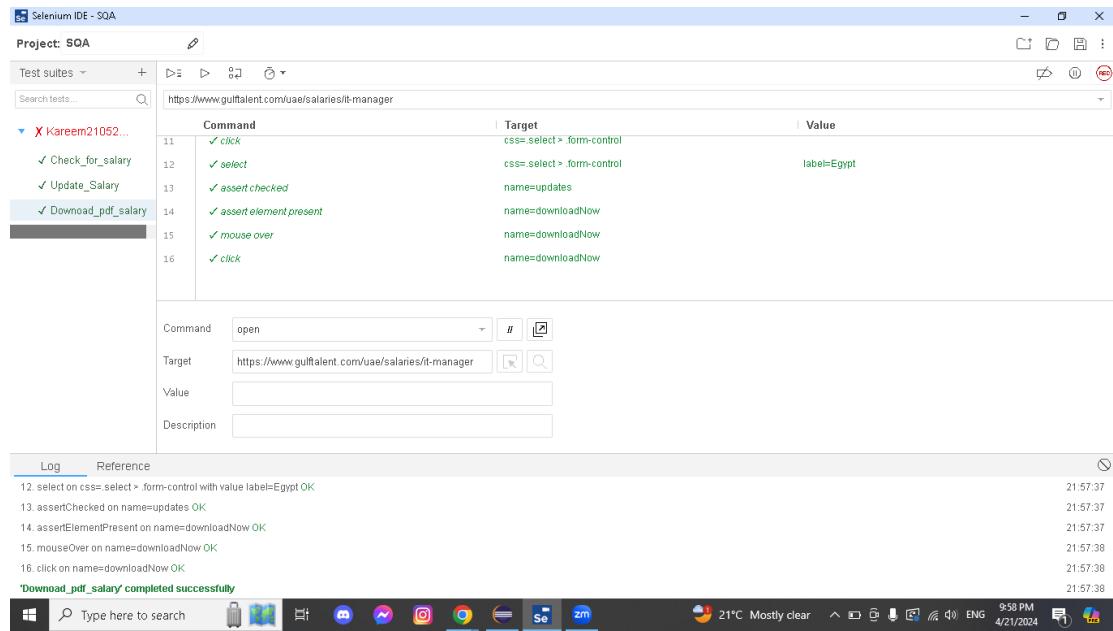
Log:

- 15. type on id=3val-field_1.3.10--input with value 01222484859652 OK
- 16. click on id=4val-field_1.3.10--input OK
- 17. type on id=4val-field_1.3.10--input with value test OK
- 18. click on css=.bvHGR OK
- 19. assertElementPresent on css=.styles__Container-sc-vd50em-0 OK

'TC_Help_positive*' completed successfully

Windows taskbar: Type here to search, File Explorer, Task View, Chat, Mail, Instagram, Chrome, Edge, Se, Zm, 19°C Mostly cloudy, 10:07 PM, 4/2/2024

5. Salary suite.



The screenshot shows the Selenium IDE interface with the following details:

- Project:** SQA
- Test suites:** X Kareem21052...
- Test Case:** Download_pdf_salary
- URL:** https://www.gultalent.com/uae/salaries/it-manager
- Script Content:**

Command	Target	Value
11 ✓ click	css=select > form-control	
12 ✓ select	css=select > .form-control	label=Egypt
13 ✓ assert checked	name=updates	
14 ✓ assertElementPresent on name=downloadNow	name=downloadNow	
15 ✓ mouse over	name=downloadNow	
16 ✓ click	name=downloadNow	
- Log:**

```
12. select on css= select > form-control with value label=Egypt OK
21:57:37
13. assertChecked on name=updates OK
21:57:37
14. assertElementPresent on name=downloadNowOK
21:57:37
15. mouseOver on name=downloadNow OK
21:57:38
16. click on name=downloadNow OK
21:57:38
'Download_pdf_salary' completed successfully
21:57:38
```
- System Tray:** Shows various icons including a video camera icon, a search bar, and system status indicators.

1.2 Selenium WebDriver

Maya

1. CV search database.

The screenshot shows a Java IDE (likely Eclipse) with an open project named "Project1". Inside the project, there is a package named "com" containing a class "Search_cv_database.java". The code within this class is written in Java and utilizes the Selenium WebDriver API to interact with a web browser. Specifically, it attempts to log into a website, search for CVs, and handle various UI elements like dropdowns and pop-up messages using explicit waits and exception handling. A modal window for reCAPTCHA is visible in the foreground, prompting the user to check a box to prove they are not a robot. The IDE's status bar at the bottom indicates the code has been terminated successfully.

```
26
27 //Launch the Sauce Demo Website
28 driver.get("https://www.gulftalent.com/candidates/home");
29
30
31 // Find 'For Employers' element with XPath and click
32 driver.findElement(By.xpath("//[@id='ng-app']//body/"));
33 // Find 'Try free cv search' element with XPath and click
34 driver.findElement(By.xpath("//[@id='ng-app']//body/"));
35
36 // Find search text field with XPath and enter two keyword
37 driver.findElement(By.xpath("//[@id='gt-input-type-lis")));
38 // Find Search cv button and click on it.
39 driver.findElement(By.xpath("//[@id='main-block']//body/"));
40
41 Thread.sleep(5000);
42
43 //Check if products are displayed and print proper message
44 if(driver.findElement(By.xpath("//[@id='ng-app']//body/"));
45 System.out.println(" pop-msg appeared Successfully");
46 }else{
47 System.out.println(" pop-msg appear Failed!");
48 }
49
50
51
52 // Close and quit the driver
53 driver.close();
54 driver.quit();
55 }
56 }
57 <
```

Problems in Javadoc Declaration Console ×
terminated: Search_cv_database [Java Application] C:\Program Files\Java\jdk-22\bin
Please see https://chromedriver.chromium.org/security-considerations
ChromeDriver was started successfully...
Apr 04, 2024 3:28:17 PM org.openqa.selenium.devtools.CdpVersion
WARNING: Unable to find CDP implementation matching 121
Apr 04, 2024 3:28:17 PM org.openqa.selenium.devtools.CdpVersion
WARNING: Unable to find version of CDP to use for ... You may need
pop-msg appeared Successfully

Information Missing or Invalid

Please tick the checkbox to indicate that you are not a robot.

Ok

?

Boolean String

Show Easy Boolean Options

Show Advanced Options

I'm not a robot

rsCAPTCHA
Privacy - Terms

Search CVs

2. Graduate guide

The screenshot shows a Java project named 'Project1' with a 'src' folder containing 'SQA' and several Java files: 'Graduate_guide.java', 'Search_cv_database.java', 'Update_cv.java', and 'Referenced Libraries'. A browser window is open, showing the GulfTalent logo at the top. Below it, a green bar says 'Thank you. Your download of the full PDF report will begin shortly.' The main content area says 'You downloaded:' followed by a 'Career Days' banner. At the bottom of the browser window, there's a status bar with various icons and a terminal-like output window showing Java command-line arguments and Selenium-related warnings.

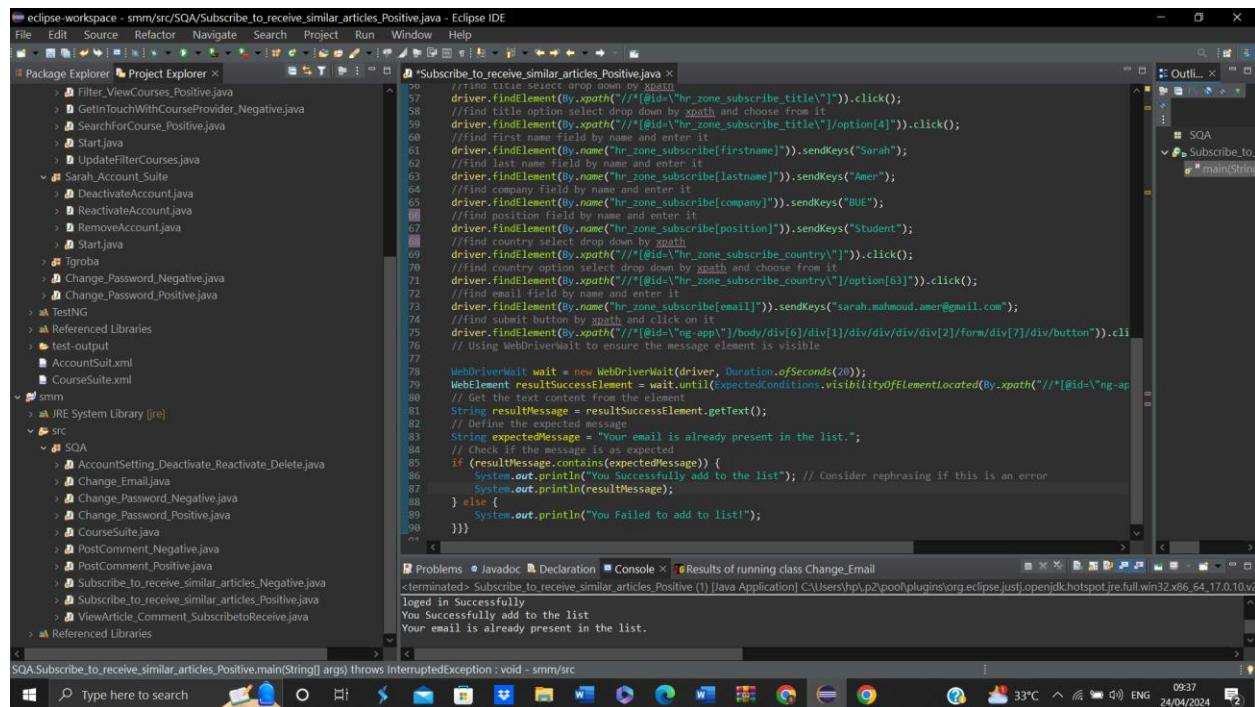
```
// To check if driver.find() works
34 // If(driver.findElement(By.id("submit")) != null)
35     System.out.println("Element found");
36 else{
37     System.out.println("Element not found");
38 }
39
40 Thread.sleep(1000);
41 //Close and quit
42 driver.quit();
43 // Click on element
44 driver.findElement(By.id("submit"));
45 // Click on element
46 driver.findElement(By.id("submit"));
47 // Click in Google search
48 driver.findElement(By.name("q"));
49
50 Thread.sleep(1000);
51
52 // Check if pdf file is available
53 if(driver.findElement(By.id("submit")) != null)
54     System.out.println("Element found");
55 else{
56     System.out.println("Element not found");
57 }
58
59
60 // Close and quit
61 driver.close();
62 driver.quit();
```

3. Update cv

```
logged in successfully
Exception in thread "main" org.openqa.selenium.ElementClickInterceptedException: element click intercepted: Element <div smooth-  
(Session info: chrome=123.0.6312.105)
Build info: version: '4.8.1', revision: '8ebccac989'
System info: os.name: 'Windows 10', os.arch: 'amd64', os.version: '10.0', java.version: '22'
Driver info: org.openqa.selenium.chrome.ChromeDriver
Command: [4f6d15768a04548e32095d6e3703cdf4, clickElement {id=f.659B5A885D6BD072C38A857B08B81A9D.d.801DF34626B18AF0085AE88B21E2CC
Capabilities {acceptInsecureCerts: false, browserName: chrome, browserVersion: 123.0.6312.105, chrome: {chromedriverVersion: 123
Element: [[ChromeDriver: chrome on WINDOWS (4f6d15768a04548e32095d6e3703cdf4)] -> xpath: //*[@id="work_experience"]/div[1]/div]
```

Sarah

1. Subscribe to receive similar articles Positive (getText() command).



```

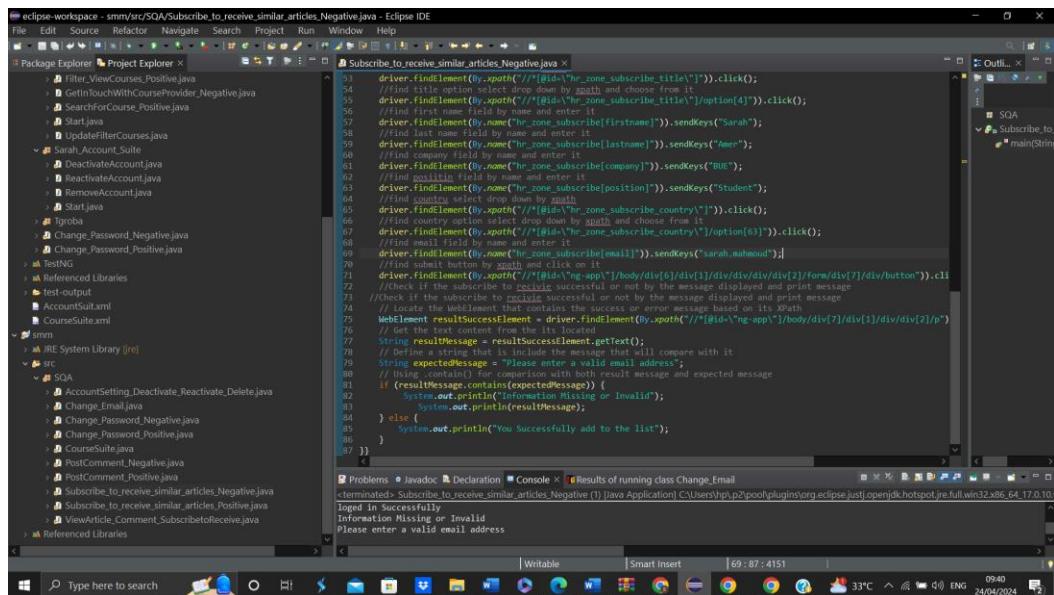
eclipse-workspace - smin/src/SOA/Subscribe_to_receive_similar_articles.Positive.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer Project Explorer ×
  Filter_ViewCourses_Positive.java
  GetInTouchWithCourseProvider_Negative.java
  SearchForCourse_Positive.java
  Start.java
  UpdateFilterCourses.java
  Sarah_Account_Suite
    DeactivateAccount.java
    ReactivateAccount.java
    RemoveAccount.java
    Start.java
    Tgropa
      Change_Password_Negative.java
      Change_Password_Positive.java
  TestNG
  Referenced Libraries
    test-output
    AccountSuite.xml
    CourseSuite.xml
  smm
    IRE System Library [jre]
  src
    SQA
      AccountSetting_Deactivate_Reactivate_Delete.java
      Change_Email.java
      Change_Password_Negative.java
      Change_Password_Positive.java
      CourseSuite.java
      PostComment_Negative.java
      PostComment_Positive.java
      Subscribe_to_receive_similar_articles_Negative.java
      Subscribe_to_receive_similar_articles_Positive.java
      ViewArticle_Comment_SubscribetoReceive.java
  Referenced Libraries
  SQA.Subscribe_to_receive_similar_articles_Positive.main(String[] args) throws InterruptedException : void - smin/src

*Subscribe_to_receive_similar_articles_Positive.java ×
  1  //init title select drop down by xpath
  2  driver.findElement(By.xpath("//[@id='hr_zone_subscribe_title']")).click();
  3  //Find title option select drop down by xpath and choose from it
  4  driver.findElement(By.xpath("//[@id='hr_zone_subscribe_title']/option[4]")).click();
  5  //Find first name field by name and enter it
  6  driver.findElement(By.name("hr_zone_subscribe[firstname]")).sendKeys("Sarah");
  7  //Find last name field by name and enter it
  8  driver.findElement(By.name("hr_zone_subscribe[lastname]")).sendKeys("Amer");
  9  //Find company field by name and enter it
 10  driver.findElement(By.name("hr_zone_subscribe[company]")).sendKeys("BUE");
 11  //Find position field by name and enter it
 12  driver.findElement(By.name("hr_zone_subscribe[position]")).sendKeys("student");
 13  //Find country select drop down by xpath
 14  driver.findElement(By.xpath("//[@id='hr_zone_subscribe_country']")).click();
 15  //Find country option select drop down by xpath and choose from it
 16  driver.findElement(By.xpath("//[@id='hr_zone_subscribe_country']/option[63]")).click();
 17  //Find email name field by name and enter it
 18  driver.findElement(By.name("hr_zone_subscribe[email]")).sendKeys("sarah.mahmoud.amer@gmail.com");
 19  //Find submit button by name and click on it
 20  driver.findElement(By.xpath("//[@id='ng-app']/body/div[6]/div[1]/div/div/div[2]/form/div[7]/div/button")).click();
 21  // Using WebDriverWait to ensure the message element is visible
 22  WebDriverWait wait = new WebDriverWait(driver, Duration.ofSeconds(20));
 23  WebElement resultSuccessElement = wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath("//[@id='ng-app")));
 24  // Get the text content from the element
 25  String resultMessage = resultSuccessElement.getText();
 26  // Define the expected message
 27  String expectedResultMessage = "Your email is already present in the list";
 28  // Check if the message is as expected
 29  if (resultMessage.contains(expectedMessage)) {
 30      System.out.println("You Successfully add to the list"); // Consider rephrasing if this is an error
 31  } else {
 32      System.out.println(resultMessage);
 33  }
 34 }

  Problems Javadoc Declaration Console × Results of running class Change_Email
<terminated> Subscribe_to_receive_similar_articles_Positive (1) [Java Application] C:\Users\hp\p2\pool\plugins\org.eclipse.jst\openjdk.hotspot.jre.full.win32\x86_64_17.0.10.v2
logged In Successfully
You Successfully add to the list
Your email is already present in the list.

  
```

2. Subscribe to receive similar articles negative (getText() command).



```

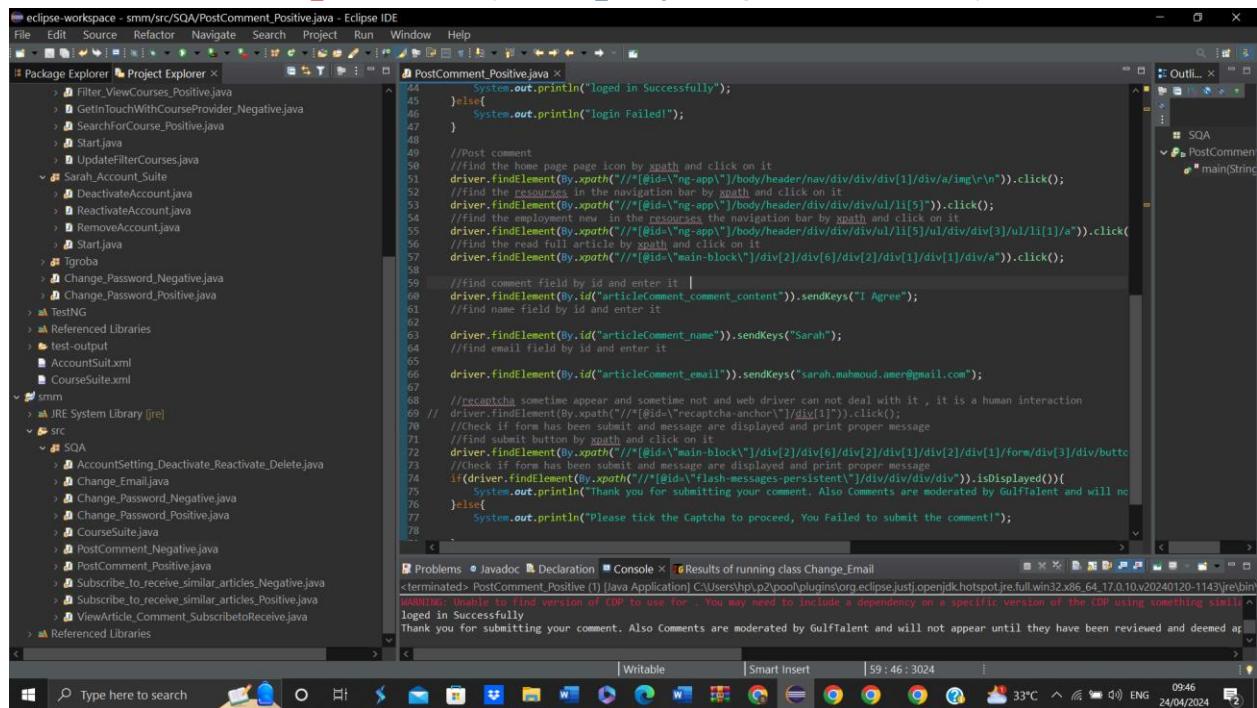
eclipse-workspace - smin/src/SOA/Subscribe_to_receive_similar_articles.Negative.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer Project Explorer ×
  Filter_ViewCourses_Positive.java
  GetInTouchWithCourseProvider_Negative.java
  SearchForCourse_Positive.java
  Start.java
  UpdateFilterCourses.java
  Sarah_Account_Suite
    DeactivateAccount.java
    ReactivateAccount.java
    RemoveAccount.java
    Start.java
    Tgropa
      Change_Password_Negative.java
      Change_Password_Positive.java
  TestNG
  Referenced Libraries
    test-output
    AccountSuite.xml
    CourseSuite.xml
  smm
    IRE System Library [jre]
  src
    SQA
      AccountSetting_Deactivate_Reactivate_Delete.java
      Change_Email.java
      Change_Password_Negative.java
      Change_Password_Positive.java
      CourseSuite.java
      PostComment_Negative.java
      PostComment_Positive.java
      Subscribe_to_receive_similar_articles_Negative.java
      Subscribe_to_receive_similar_articles_Positive.java
      ViewArticle_Comment_SubscribetoReceive.java
  Referenced Libraries
  SQA.Subscribe_to_receive_similar_articles_Negative.main(String[] args) throws InterruptedException : void - smin/src

*Subscribe_to_receive_similar_articles_Negative.java ×
  1  driver.findElement(By.xpath("//[@id='hr_zone_subscribe_title']")).click();
  2  //Find title option select drop down by xpath and choose from it
  3  driver.findElement(By.xpath("//[@id='hr_zone_subscribe_title']/option[4]")).click();
  4  //Find first name field by name and enter it
  5  driver.findElement(By.name("hr_zone_subscribe[firstname]")).sendKeys("Sarah");
  6  //Find last name field by name and enter it
  7  driver.findElement(By.name("hr_zone_subscribe[lastname]")).sendKeys("Amer");
  8  //Find company field by name and enter it
  9  driver.findElement(By.name("hr_zone_subscribe[company]")).sendKeys("BUE");
 10  //Find position field by name and enter it
 11  driver.findElement(By.name("hr_zone_subscribe[position]")).sendKeys("Student");
 12  //Find country select drop down by xpath
 13  driver.findElement(By.xpath("//[@id='hr_zone_subscribe_country']")).click();
 14  //Find country option select drop down by xpath and choose from it
 15  driver.findElement(By.xpath("//[@id='hr_zone_subscribe_country']/option[63]")).click();
 16  //Find email name field by name and enter it
 17  driver.findElement(By.name("hr_zone_subscribe[email]")).sendKeys("sarah.mahmoud.amer@gmail.com");
 18  //Find submit button by name and click on it
 19  driver.findElement(By.xpath("//[@id='ng-app']/body/div[6]/div[1]/div/div/div[2]/form/div[7]/div/button")).click();
 20  //Check if the subscribe to receive successful or not by the message displayed and print message
 21  WebElement resultSuccessElement = driver.findElement(By.xpath("//[@id='ng-app']/body/div[6]/div[1]/div/div/div[2]/p"));
 22  //Get the text content from it located
 23  String resultMessage = resultSuccessElement.getText();
 24  //Define a variable to include the message that will compare with it
 25  String expectedResultMessage = "Please enter a valid email address";
 26  //Using contains method comparison with both result message and expected message
 27  if (resultMessage.contains(expectedMessage)) {
 28      System.out.println("Information Missing or Invalid");
 29  } else {
 30      System.out.println("You Successfully add to the list");
 31  }
 32 }

  Problems Javadoc Declaration Console × Results of running class Change_Email
<terminated> Subscribe_to_receive_similar_articles_Negative (1) [Java Application] C:\Users\hp\p2\pool\plugins\org.eclipse.jst\openjdk\hotspot\jre\full\win32\x86_64_17.0.10.v2
logged In Successfully
Information Missing or Invalid
Please enter a valid email address

  
```

3. Post comment positive (isDisplayed() command).

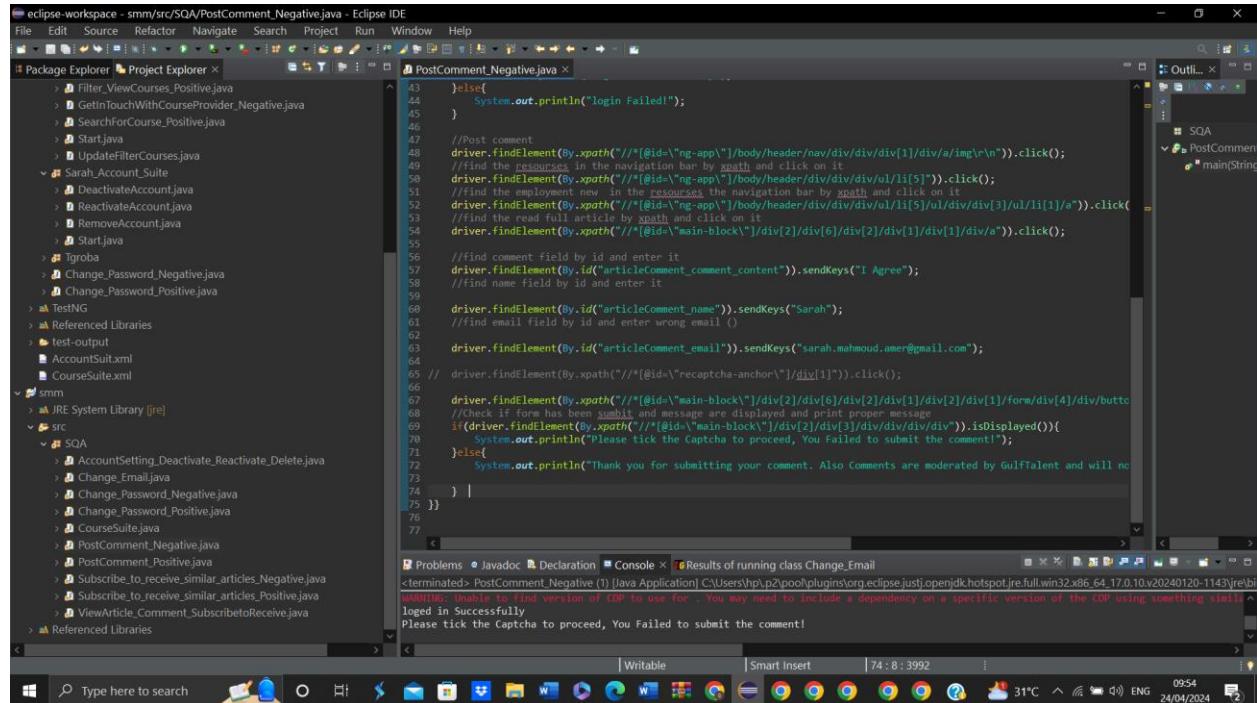


```

eclipse-workspace - smm/src/SQA/PostComment_Positive.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
# Package Explorer Project Explorer x
> Filter_ViewCourses_Positive.java
> GetInTouchWithCourseProvider_Negative.java
> SearchForCourse_Positive.java
> Start.java
> UpdateFilterCourses.java
> Sarah_Account_Suite
> DeactivateAccount.java
> ReactivateAccount.java
> RemoveAccount.java
> Start.java
> Tgropa
> Change_Password_Negative.java
> Change_Password_Positive.java
> TestNG
> Referenced Libraries
> test-output
> AccountSuitexml
> CourseSuite.xml
> smm
> JRE System Library [jre]
> src
> SQA
> AccountSetting_Deactivate_Reactivate_Delete.java
> Change_Email.java
> Change_Password_Negative.java
> Change_Password_Positive.java
> CourseSuite.java
> PostComment_Negative.java
> PostComment_Positive.java
> Subscribe_to_receive_similar_articles_Negative.java
> Subscribe_to_receive_similar_articles_Positive.java
> ViewArticle_Comment_Subscribetoreceive.java
> Referenced Libraries
PostComment_Positive.java x
44     System.out.println("logged in Successfully");
45 } else{
46     System.out.println("login Failed!");
47 }
48
49 //Post comment
50 //find the home page icon by xpath and click on it
51 driver.findElement(By.xpath("//[@id='ng-app']/body/header/nav/div/div[1]/div/a/img")).click();
52 //find the resources in the navigation bar by xpath and click on it
53 driver.findElement(By.xpath("//[@id='ng-app']/body/header/div/div[1]/ul/li[5]")).click();
54 //Find the employment news in the resources the navigation bar by xpath and click on it
55 driver.findElement(By.xpath("//[@id='ng-app']/body/header/div/div[1]/ul/div[3]/ul/li[1]/a")).click();
56 //Find the read full article by xpath and click on it
57 driver.findElement(By.xpath("//[@id='main-block']/div[2]/div[6]/div[2]/div[1]/div[1]/div/a")).click();
58
59 //find comment field by id and enter it
60 driver.findElement(By.id("articlecomment_comment_content")).sendKeys("I Agree");
61 //find name field by id and enter it
62 driver.findElement(By.id("articlecomment_name")).sendKeys("Sarah");
63 //find email field by id and enter it
64 driver.findElement(By.id("articlecomment_email")).sendKeys("sarah.mahmoud.amer@gmail.com");
65
66 //recaptcha sometimes appear and sometime not and web driver can not deal with it , it is a human interaction
67 // driver.findElement(By.xpath("//[@id='recaptcha-anchor']/div[1]")).click();
68 //Check if form has been submit and message are displayed and print proper message
69 //submit button by xpath and click on it
70 driver.findElement(By.xpath("//[@id='main-block']/div[2]/div[6]/div[2]/div[1]/form/div[3]/div/button")).click();
71 //Check if form has been submit and message are displayed and print proper message
72 if(driver.findElement(By.xpath("//[@id='flash-messages-persistent']/div/div/div/div")).isDisplayed()){
73     System.out.println("thank you for submitting your comment. Also Comments are moderated by GulfTalent and will no longer be visible until they have been reviewed and deemed appropriate");
74 } else{
75     System.out.println("Please tick the Captcha to proceed, You Failed to submit the comment!");
76 }
77
78
    
```

Problems Javadoc Declaration Console Results of running class Change_Email
<terminated> PostComment_Positive () [Java Application] C:\Users\hp.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64-17.0.10.v20240120-1143\re\bri
WARNING: Unable to find version of CDP to use for . You may need to include a dependency on a specific version of the CDP using something similar to
logged in Successfully
Thank you for submitting your comment. Also Comments are moderated by GulfTalent and will not appear until they have been reviewed and deemed appropriate

4. Post comment negative (isDisplayed() command).

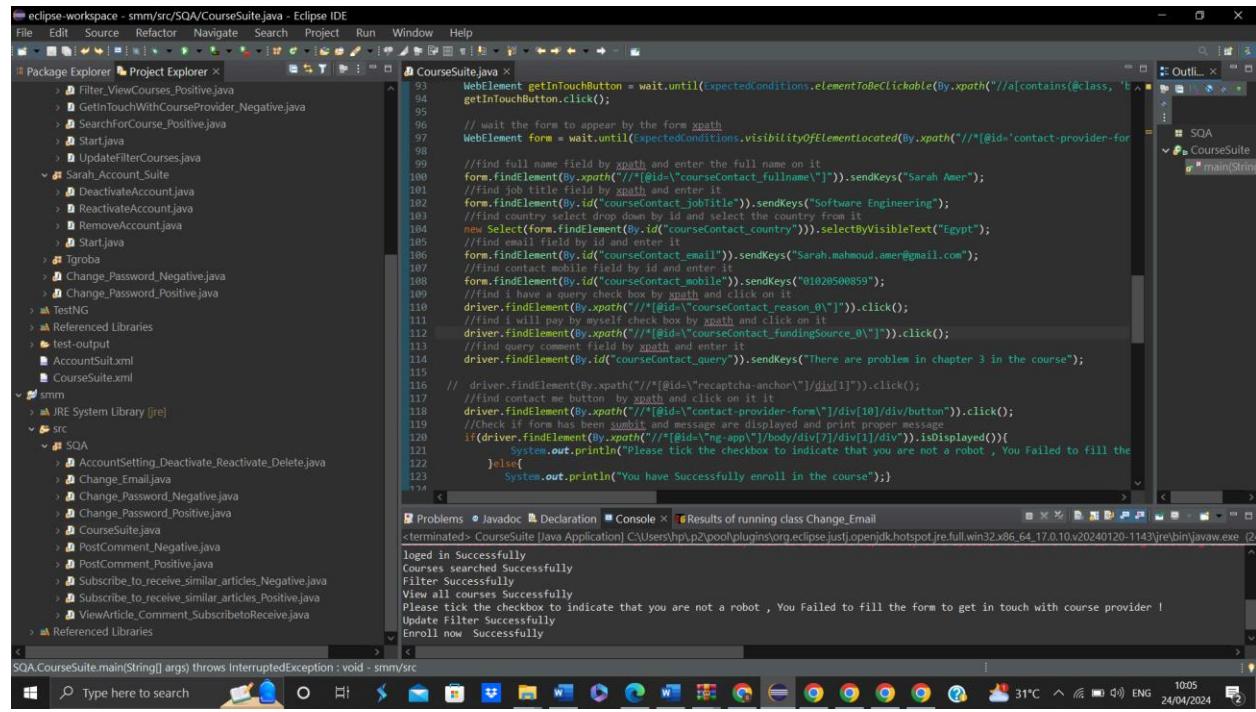


```

eclipse-workspace - smm/src/SQA/PostComment_Negative.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
# Package Explorer Project Explorer x
> Filter_ViewCourses_Positive.java
> GetInTouchWithCourseProvider_Negative.java
> SearchForCourse_Positive.java
> Start.java
> UpdateFilterCourses.java
> Sarah_Account_Suite
> DeactivateAccount.java
> ReactivateAccount.java
> RemoveAccount.java
> Start.java
> Tgropa
> Change_Password_Negative.java
> Change_Password_Positive.java
> TestNG
> Referenced Libraries
> test-output
> AccountSuitexml
> CourseSuite.xml
> smm
> JRE System Library [jre]
> src
> SQA
> AccountSetting_Deactivate_Reactivate_Delete.java
> Change_Email.java
> Change_Password_Negative.java
> Change_Password_Positive.java
> CourseSuite.java
> PostComment_Negative.java
> PostComment_Positive.java
> Subscribe_to_receive_similar_articles_Negative.java
> Subscribe_to_receive_similar_articles_Positive.java
> ViewArticle_Comment_Subscribetoreceive.java
> Referenced Libraries
PostComment_Negative.java x
43     else{
44         System.out.println("login Failed!");
45     }
46
47 //Post comment
48 driver.findElement(By.xpath("//[@id='ng-app']/body/header/nav/div/div[1]/div/a/img")).click();
49 //find the resources in the navigation bar by xpath and click on it
50 driver.findElement(By.xpath("//[@id='ng-app']/body/header/div/div[1]/ul/li[5]")).click();
51 //Find the employment news in the resources the navigation bar by xpath and click on it
52 driver.findElement(By.xpath("//[@id='ng-app']/body/header/div/div[1]/ul/div[3]/ul/li[1]/a")).click();
53 //Find the read full article by xpath and click on it
54 driver.findElement(By.xpath("//[@id='main-block']/div[2]/div[6]/div[2]/div[1]/div[1]/div/a")).click();
55
56 //find comment field by id and enter it
57 driver.findElement(By.id("articlecomment_comment_content")).sendKeys("I Agree");
58 //find name field by id and enter it
59 driver.findElement(By.id("articlecomment_name")).sendKeys("Sarah");
60 //find email field by id and enter wrong email ()
61 driver.findElement(By.id("articlecomment_email")).sendKeys("sarah.mahmoud.amer@gmail.com");
62
63 // driver.findElement(By.xpath("//[@id='recaptcha-anchor']/div[1]")).click();
64
65 driver.findElement(By.xpath("//[@id='main-block']/div[2]/div[6]/div[2]/div[1]/div[1]/form/div[4]/div/button")).click();
66 //Check if form has been submitted and message are displayed and print proper message
67 if(driver.findElement(By.xpath("//[@id='main-block']/div[2]/div[3]/div/div/div/div")).isDisplayed()){
68     System.out.println("Please tick the Captcha to proceed, You Failed to submit the comment!");
69 } else{
70     System.out.println("Thank you for submitting your comment. Also Comments are moderated by GulfTalent and will no longer be visible until they have been reviewed and deemed appropriate");
71 }
72
73
    
```

Problems Javadoc Declaration Console Results of running class Change_Email
<terminated> PostComment_Negative () [Java Application] C:\Users\hp.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64-17.0.10.v20240120-1143\re\bri
WARNING: Unable to find version of CDP to use for . You may need to include a dependency on a specific version of the CDP using something similar to
logged in Successfully
Please tick the Captcha to proceed, You Failed to submit the comment!

5. Course suite (Search, Filter, Get in touch [N], update , enroll now [P]) (getText() , isDisplayed() commands).



CourseSuite.java

```

93     WebElement getInTouchButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath("//a[contains(@class, 'E')]/text()")));
94     getInTouchButton.click();
95
96     // wait the form to appear by the form xpath
97     WebElement contactProviderForm = wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath("//[@id='contact-provider-form']")));
98
99     //Find full name field by xpath and enter the full name on it
100    form.findElement(By.xpath("//[@id='course-contact_fullname']")).sendKeys("Sarah Amer");
101    //Find job title field by xpath and enter it
102    form.findElement(By.id("courseContact_jobtitle")).sendKeys("Software Engineering");
103    //Find country select drop down by id and select the country from it
104    new Select(form.findElement(By.id("courseContact_country"))).selectByVisibleText("Egypt");
105    //Find email field by id and enter it
106    form.findElement(By.id("courseContact_email")).sendKeys("Sarah.mahmoud.amer@gmail.com");
107    //Find contact mobile field by id and enter it
108    form.findElement(By.id("courseContact_mobile")).sendKeys("01020500859";
109    //Find i have a query check box by xpath and click on it
110    driver.findElement(By.xpath("//[@id='courseContact_reason_0']")).click();
111    //Find i will pay my monthly check box by xpath and click on it
112    driver.findElement(By.xpath("//[@id='courseContact_fundingsource_0']")).click();
113    //Find query comment field by xpath and enter it
114    driver.findElement(By.id("courseContact_query")).sendKeys("There are problem in chapter 3 in the course");
115
116    // driver.findElement(By.xpath("//[@id='recaptcha-anchor']/div[1]")).click();
117    //Find contact me button by xpath and click on it
118    driver.findElement(By.xpath("//[@id='contact-provider-form']/div[10]/div/button")).click();
119    //Check if form has been submitted and message are displayed and print proper message
120    if(driver.findElement(By.xpath("//[@id='ng-app']/body/div[7]/div[1]/div")).isDisplayed()){
121        System.out.println("Please tick the checkbox to indicate that you are not a robot , You Failed to fill the
122    } else{
123        System.out.println("You have Successfully enroll in the course");
124    }
125
126    // driver.findElement(By.xpath("//[@id='recaptcha-anchor']/div[1]")).click();
127
128    //Find contact me button by xpath and click on it
129    driver.findElement(By.xpath("//[@id='contact-provider-form']/div[10]/div/button")).click();
130    //Check if form has been submitted and message are displayed and print proper message
131    if(driver.findElement(By.xpath("//[@id='ng-app']/body/div[7]/div[1]/div")).isDisplayed()){
132        System.out.println("Please tick the checkbox to indicate that you are not a robot , You Failed to fill the
133    } else{
134        System.out.println("You have Successfully enroll in the course");
135    }
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```

7. Article suite (View, Comment, Subscribe) (getText(), isDisplayed() commands).

The screenshot shows the Eclipse IDE interface with the following details:

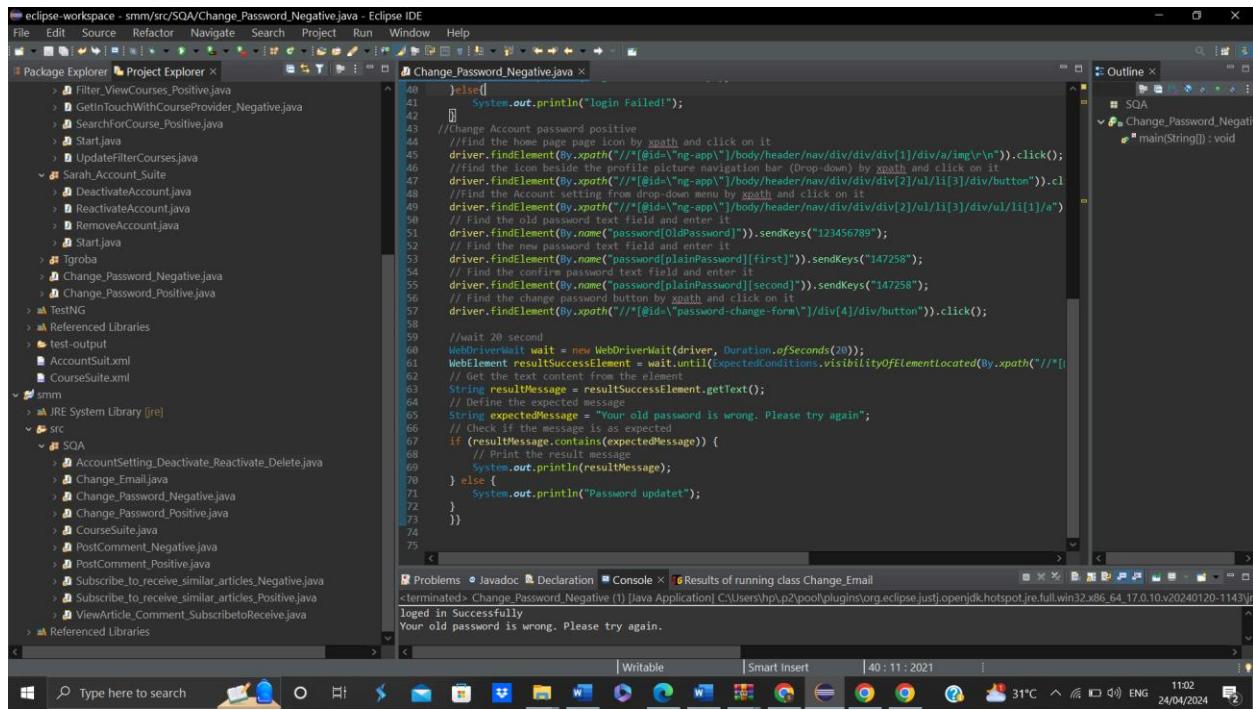
- Project Explorer:** Shows several Java files under the package `smm/src/SQA`, including `ViewArticle_Comment_SubscribetoReceive.java`.
- Code Editor:** The active editor displays the Java code for `ViewArticle_Comment_SubscribetoReceive.java`. The code uses Selenium WebDriver to interact with a web page, specifically targeting elements with IDs like `#main-block` and `#id`. It handles various user inputs such as email, password, and country selection, and performs actions like clicking submit buttons and selecting dropdowns.
- Outline View:** Shows the class structure with methods like `main(String[])` and `void`.
- Problems View:** Shows a single error message: `Method 'sendKeys' in type 'org.openqa.selenium.WebElement' is not visible`.
- Console View:** Displays the output of the test execution.
- Bottom Status Bar:** Shows the current time as 11:26 and the date as 24/04/2024.

8. Change password positive.

The screenshot shows the Eclipse IDE interface with the following details:

- Title Bar:** eclipse-workspace - ssm/src/SQA/Change_Password_Positive.java - Eclipse IDE
- Menu Bar:** File, Edit, Source, Refactor, Navigate, Search, Project, Run, Window, Help
- Left Sidebar (Package Explorer):** Shows project structure with packages like SQA, Change_Password_Positive, and AccountSuite.
- Central Area:** Code editor displaying Java code for `Change_Password_Positive.java`. The code uses Selenium WebDriver to perform various actions on a web page, such as entering a password, clicking buttons, and checking for success messages.
- Right Sidebar (Outline):** Shows the outline of the current Java class.
- Bottom Status Bar:** Displays the status "logged in Successfully".

9. Change password negative.



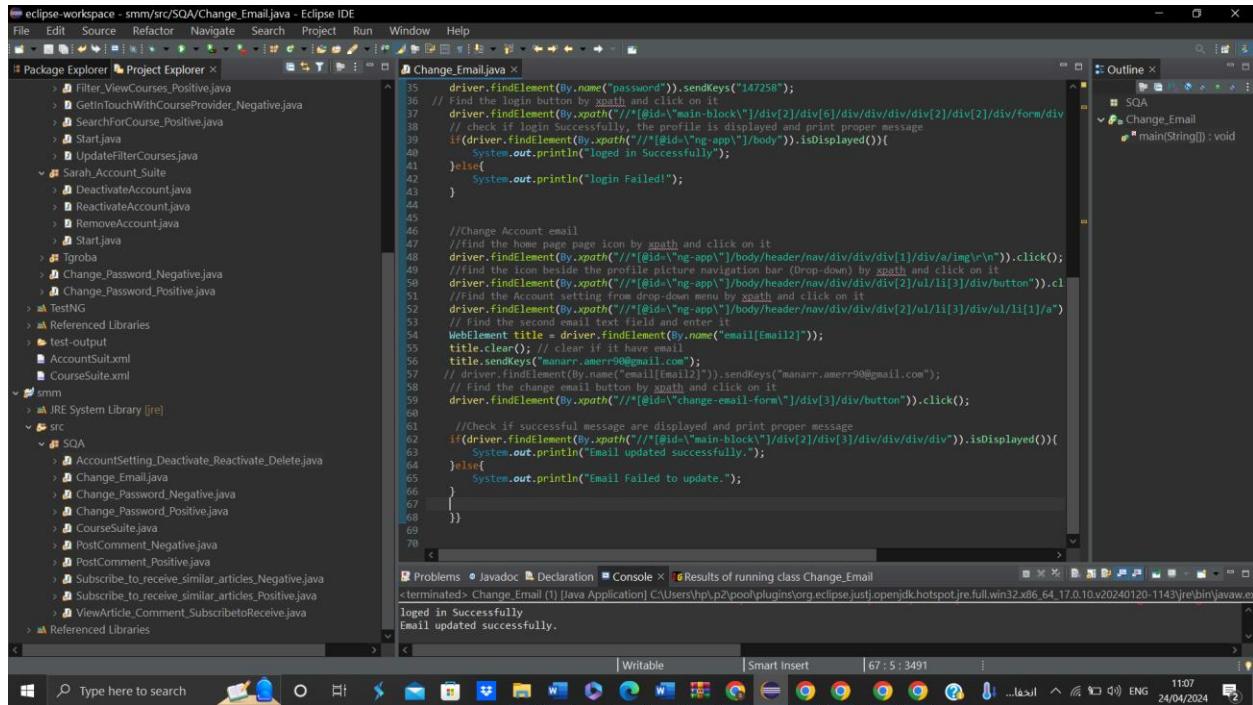
The screenshot shows the Eclipse IDE interface with the following details:

- File Explorer:** Shows various Java files under the package SQA, including Change_Password_Negative.java, Filter_ViewCourses_Positive.java, GetInTouchWithCourseProvider_Negative.java, SearchForCourse_Positive.java, Start.java, UpdateFilterCoursesJava, Sarah_Account_Suite, DeactivateAccount.java, ReactivateAccount.java, RemoveAccount.java, StartJava, Tgobra, Change_Password_Negative.java, Change_Password_Positive.java, TestNG, test-output, AccountSuit.xml, CourseSuite.xml, and smm.
- Code Editor:** Displays the content of Change_Password_Negative.java. The code attempts to change a password but fails because the old password is incorrect. It prints "Your old password is wrong. Please try again".
- Console:** Shows the output of the run command: "logged in Successfully Your old password is wrong. Please try again."
- System Tray:** Shows system icons including a battery icon at 31°C, a network icon, and a date/time indicator of 24/04/2024 11:02.

```

eclipse-workspace - smm/src/SQA/Change_Password_Negative.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer Project Explorer
  + Filter_ViewCourses_Positive.java
  + GetInTouchWithCourseProvider_Negative.java
  + SearchForCourse_Positive.java
  + Start.java
  + UpdateFilterCoursesJava
  + Sarah_Account_Suite
  + DeactivateAccount.java
  + ReactivateAccount.java
  + RemoveAccount.java
  + StartJava
  + Tgobra
  + Change_Password_Negative.java
  + Change_Password_Positive.java
  + TestNG
  + test-output
  + AccountSuit.xml
  + CourseSuite.xml
  + smm
    + JRE System Library [jre]
  + src
    + SQA
      + AccountSetting_Deactivate_Reactivate_Delete.java
      + Change_Email.java
      + Change_Password_Negative.java
      + Change_Password_Positive.java
      + CourseSuite.java
      + PostComment_Negative.java
      + PostComment_Positive.java
      + Subscribe_to_receive_similar_articles_Negative.java
      + Subscribe_to_receive_similar_articles_Positive.java
      + ViewArticle_Comment_SubscriptoReceive.java
  + Referenced Libraries
Change_Password_Negative.java
  + package SQA;
  + import org.openqa.selenium.By;
  + import org.openqa.selenium.WebDriver;
  + import org.openqa.selenium.WebElement;
  + import org.openqa.selenium.support.ui.ExpectedConditions;
  + import org.openqa.selenium.support.ui.WebDriverWait;
  + import java.util.concurrent.TimeUnit;
  + public class Change_Password_Negative {
  +     WebDriver driver;
  +     String url = "http://127.0.0.1:5000";
  +     String oldPassword = "123456789";
  +     String newPassword = "147258";
  +     String confirmPassword = "147258";
  +     String expectedMessage = "Your old password is wrong. Please try again";
  +     public void main(String[] args) {
  +         System.out.println("Starting Test");
  +         System.out.println("Opening Browser");
  +         driver = new WebDriver();
  +         driver.get(url);
  +         System.out.println("Logged in Successfully");
  +         System.out.println("Clicking on Profile Picture");
  +         WebElement profileIcon = driver.findElement(By.xpath("//img[@alt='Profile Picture']"));
  +         profileIcon.click();
  +         System.out.println("Clicking on Account Setting");
  +         WebElement accountSettingIcon = driver.findElement(By.xpath("//img[@alt='Account Setting']"));
  +         accountSettingIcon.click();
  +         System.out.println("Clicking on Change Password");
  +         WebElement changePasswordIcon = driver.findElement(By.xpath("//img[@alt='Change Password']"));
  +         changePasswordIcon.click();
  +         System.out.println("Enter Old Password");
  +         WebElement oldPasswordField = driver.findElement(By.name("old_password"));
  +         oldPasswordField.sendKeys(oldPassword);
  +         System.out.println("Enter New Password");
  +         WebElement newPasswordField = driver.findElement(By.name("plainPassword"));
  +         newPasswordField.sendKeys(newPassword);
  +         System.out.println("Enter Confirm Password");
  +         WebElement confirmPasswordField = driver.findElement(By.name("plainPassword"));
  +         confirmPasswordField.sendKeys(confirmPassword);
  +         System.out.println("Clicking on Change Password Button");
  +         WebElement changeButton = driver.findElement(By.xpath("//button[@type='submit']"));
  +         changeButton.click();
  +         System.out.println("Waiting 20 seconds");
  +         WebDriverWait wait = new WebDriverWait(driver, Duration.ofSeconds(20));
  +         WebElement resultSuccessElement = wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath("//p[@class='text-success']")));
  +         System.out.println(resultSuccessElement.getText());
  +         if (resultSuccessElement.getText().contains(expectedMessage)) {
  +             System.out.println("Result Message: " + resultSuccessElement.getText());
  +         } else {
  +             System.out.println("Password updated");
  +         }
  +     }
  + }
  
```

10. Change email.



The screenshot shows the Eclipse IDE interface with the following details:

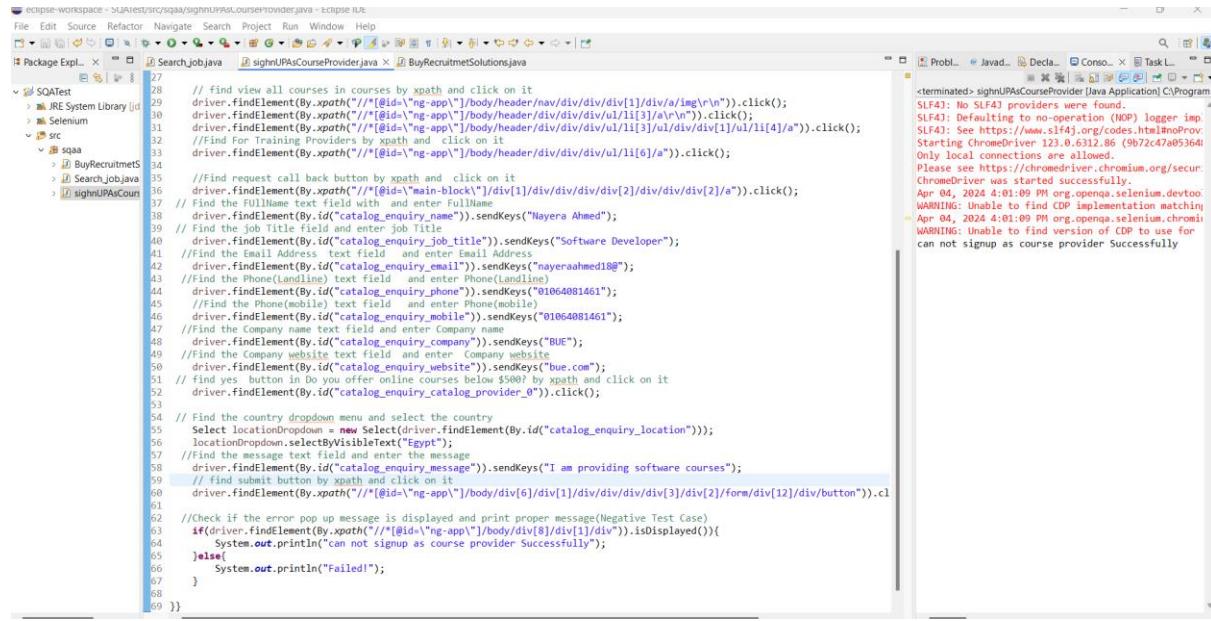
- File Explorer:** Shows various Java files under the package SQA, including Change_Email.java, Filter_ViewCourses_Positive.java, GetInTouchWithCourseProvider_Negative.java, SearchForCourse_Positive.java, Start.java, UpdateFilterCoursesJava, Sarah_Account_Suite, DeactivateAccount.java, ReactivateAccount.java, RemoveAccount.java, StartJava, Tgobra, Change_Password_Negative.java, Change_Password_Positive.java, TestNG, test-output, AccountSuit.xml, CourseSuite.xml, and smm.
- Code Editor:** Displays the content of Change_Email.java. The code attempts to change the email but fails because the current email is invalid. It prints "Email updated successfully".
- Console:** Shows the output of the run command: "logged in Successfully Email updated successfully."
- System Tray:** Shows system icons including a battery icon at 31°C, a network icon, and a date/time indicator of 24/04/2024 11:07.

```

eclipse-workspace - smm/src/SQA/Change_Email.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer Project Explorer
  + Filter_ViewCourses_Positive.java
  + GetInTouchWithCourseProvider_Negative.java
  + SearchForCourse_Positive.java
  + Start.java
  + UpdateFilterCoursesJava
  + Sarah_Account_Suite
  + DeactivateAccount.java
  + ReactivateAccount.java
  + RemoveAccount.java
  + StartJava
  + Tgobra
  + Change_Password_Negative.java
  + Change_Password_Positive.java
  + TestNG
  + test-output
  + AccountSuit.xml
  + CourseSuite.xml
  + smm
    + JRE System Library [jre]
  + src
    + SQA
      + AccountSetting_Deactivate_Reactivate_Delete.java
      + Change_Email.java
      + Change_Password_Negative.java
      + Change_Password_Positive.java
      + CourseSuite.java
      + PostComment_Negative.java
      + PostComment_Positive.java
      + Subscribe_to_receive_similar_articles_Negative.java
      + Subscribe_to_receive_similar_articles_Positive.java
      + ViewArticle_Comment_SubscriptoReceive.java
  + Referenced Libraries
Change_Email.java
  + package SQA;
  + import org.openqa.selenium.By;
  + import org.openqa.selenium.WebDriver;
  + import org.openqa.selenium.WebElement;
  + import org.openqa.selenium.support.ui.ExpectedConditions;
  + import org.openqa.selenium.support.ui.WebDriverWait;
  + import java.util.concurrent.TimeUnit;
  + public class Change_Email {
  +     WebDriver driver;
  +     String url = "http://127.0.0.1:5000";
  +     String currentEmail = "manarr.amerr90@gmail.com";
  +     String newEmail = "manarr.amerr90@gmail.com";
  +     String expectedMessage = "Email updated successfully";
  +     public void main(String[] args) {
  +         System.out.println("Starting Test");
  +         System.out.println("Opening Browser");
  +         driver = new WebDriver();
  +         driver.get(url);
  +         System.out.println("Logged in Successfully");
  +         System.out.println("Clicking on Profile Picture");
  +         WebElement profileIcon = driver.findElement(By.xpath("//img[@alt='Profile Picture']"));
  +         profileIcon.click();
  +         System.out.println("Clicking on Account Setting");
  +         WebElement accountSettingIcon = driver.findElement(By.xpath("//img[@alt='Account Setting']"));
  +         accountSettingIcon.click();
  +         System.out.println("Clicking on Change Email");
  +         WebElement changeEmailIcon = driver.findElement(By.xpath("//img[@alt='Change Email']"));
  +         changeEmailIcon.click();
  +         System.out.println("Enter Current Email");
  +         WebElement currentEmailField = driver.findElement(By.name("email[email1]"));
  +         currentEmailField.sendKeys(currentEmail);
  +         System.out.println("Enter New Email");
  +         WebElement newEmailField = driver.findElement(By.name("email[email2]"));
  +         newEmailField.sendKeys(newEmail);
  +         System.out.println("Clicking on Change Email Button");
  +         WebElement changeEmailButton = driver.findElement(By.xpath("//button[@type='submit']"));
  +         changeEmailButton.click();
  +         System.out.println("Waiting 20 seconds");
  +         WebDriverWait wait = new WebDriverWait(driver, Duration.ofSeconds(20));
  +         WebElement resultSuccessElement = wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath("//p[@class='text-success']")));
  +         System.out.println(resultSuccessElement.getText());
  +         if (resultSuccessElement.getText().contains(expectedMessage)) {
  +             System.out.println("Result Message: " + resultSuccessElement.getText());
  +         } else {
  +             System.out.println("Email Failed to update");
  +         }
  +     }
  + }
  
```

Nayera

1. Signup as course provider Negative.

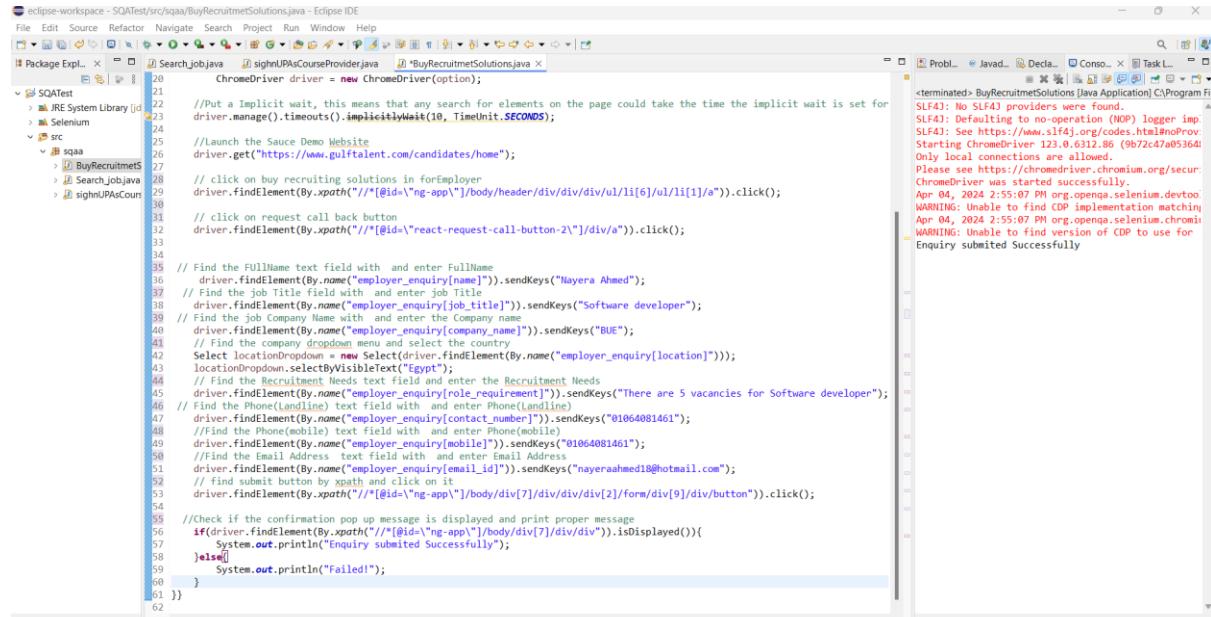


```

eclipse-workspace - SQATest/src/sqa/signUpAsCourseProvider.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Expl... Search.jobJava signUpAsCourseProvider.java BuyRecruitmetSolutions.java
SQATest JRE System Library [id]
Selenium
src sqa
BuyRecruitmetS
Search.jobJava
signUpAsCourseProvider
27
28 // find view all courses in courses by xpath and click on it
29 driver.findElement(By.xpath("//[@id='ng-app']/body/div/header/nav/div/div[1]/div/a/img\[v\]")).click();
30 driver.findElement(By.xpath("//[@id='ng-app']/body/header/div/div[1/l1[3]/a\[v\]]").click());
31 driver.findElement(By.xpath("//[@id='ng-app']/body/header/div/div[1/l1[3]/ul/div[1/l1[4]/a"])).click();
32 //Find For Training Providers by xpath and click on it
33 driver.findElement(By.xpath("//[@id='ng-app']/body/div/div[1/l1[6]/a")).click();
34
35 //Find request call back button by xpath and click on it
36 driver.findElement(By.xpath("//[@id='main-block']/div[1]/div/div[2]/div/div[2]/a")).click();
37 // Find the Fullname text field and enter FullName
38 driver.findElement(By.id("catalog_enquiry_name")).sendKeys("Nayera Ahmed");
39 // Find the job Title field and enter job Title
40 driver.findElement(By.id("catalog_enquiry_job_title")).sendKeys("Software Developer");
41 //Find the Email Address text field and enter Email Address
42 driver.findElement(By.id("catalog_enquiry_email")).sendKeys("nayeraahmed18@");
43 //Find the Phone(Landline) text field and enter Phone(Landline)
44 driver.findElement(By.id("catalog_enquiry_phone")).sendKeys("01064081461");
45 //Find the Phone(mobile) text field and enter Phone(mobile)
46 driver.findElement(By.id("catalog_enquiry_mobile")).sendKeys("01064081461");
47 //Find the Company name text field and enter Company name
48 driver.findElement(By.id("catalog_enquiry_company")).sendKeys("BUE");
49 //Find the Company website text field and enter Company website
50 driver.findElement(By.id("catalog_enquiry_website")).sendKeys("bue.com");
51 //Find yes button in Do you offer online courses below $500? by xpath and click on it
52 driver.findElement(By.id("catalog_enquiry_catalog_provider_0")).click();
53
54 // Find the country dropdown menu and select the country
55 Select locationDropdown = new Select(driver.findElement(By.id("catalog_enquiry_location")));
56 locationDropdown.selectByVisibleText("Egypt");
57 //Find the message text field and enter the message
58 driver.findElement(By.id("catalog_enquiry_message")).sendKeys("I am providing software courses");
59 // find submit button by xpath and click on it
60 driver.findElement(By.xpath("//[@id='ng-app']/body/div[6]/div[1]/div/div[3]/div[2]/form/div[12]/div/button")).click();
61
62 //Check if the error pop up message is displayed and print proper message(Negative Test Case)
63 if(driver.findElement(By.xpath("//[@id='ng-app']/body/div[8]/div[11]/div")).isDisplayed()){
64     System.out.println("can not signup as course provider Successfully");
65 }else{
66     System.out.println("Failed!");
67 }
68
69 }

```

2. Buy recruiting solutions positive



```

eclipse-workspace - SQATest/src/sqa/BuyRecruitmetSolutions.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Expl... Search.jobJava signUpAsCourseProvider.java BuyRecruitmetSolutions.java
SQATest JRE System Library [id]
Selenium
src sqa
BuyRecruitmetS
Search.jobJava
signUpAsCourseProvider
20
21 //Put a Implicit wait, this means that any search for elements on the page could take the time the implicit wait is set for
22 driver.manage().timeouts().implicitlyWait(10, TimeUnit.SECONDS);
23
24 //Launch the Sauce Demo Website
25 driver.get("https://www.guitalented.com/candidates/home");
26
27 // click on buy recruiting solutions in foremployer
28 driver.findElement(By.xpath("//[@id='ng-app']/body/header/div/div[ul[6]/li[1]/a")).click();
29
30 // click on request call back button
31 driver.findElement(By.xpath("//[@id='react-request-call-button-2'])).click();
32
33
34
35 // Find the FULLNAME text field with and enter FullName
36 driver.findElement(By.name("employer_enquiry[name]")).sendKeys("Nayera Ahmed");
37 // Find the job Title field with and enter job Title
38 driver.findElement(By.name("employer_enquiry[job_title]")).sendKeys("Software developer");
39 // Find the job Company Name with and enter the Company name
40 driver.findElement(By.name("employer_enquiry[company_name]")).sendKeys("BUE");
41 // Find the company dropdown menu and select the country
42 Select locationDropdown = new Select(driver.findElement(By.name("employer_enquiry[location]")));
43 locationDropdown.selectByVisibleText("Egypt");
44 // Find the Recruitment Needs text field and enter the Recruitment Needs
45 driver.findElement(By.name("employer_enquiry[role_requirement]")).sendKeys("There are 5 vacancies for Software developer");
46 // Find the Phone(Landline) text field and enter the Phone(Landline)
47 driver.findElement(By.name("employer_enquiry[contact_number]")).sendKeys("01064081461");
48 //Find the Phone(mobile) text field with and enter Phone(mobile)
49 driver.findElement(By.name("employer_enquiry[mobile]")).sendKeys("01064081461");
50 //Find the Email Address text field with and enter Email Address
51 driver.findElement(By.name("employer_enquiry[email_id]")).sendKeys("nayeraahmed18@hotmail.com");
52 // find submit button by xpath and click on it
53 driver.findElement(By.xpath("//[@id='ng-app']/body/div[7]/div/div[2]/form/div[9]/div/button")).click();
54
55 //Check if the confirmation pop up message is displayed and print proper message
56 if(driver.findElement(By.xpath("//[@id='ng-app']/body/div[7]/div/div")).isDisplayed()){
57     System.out.println("Enquiry submitted Successfully");
58 }else{
59     System.out.println("Failed!");
60 }
61
62

```

3. Job suite (Search , save this job , remove search)

Kareem

1. Contact me positive.

The screenshot shows the Eclipse IDE interface with the following details:

- Project Explorer:** Shows the project structure with packages SQA and src, containing files like CheckSalary.java, Contact_US_negative.java, Contact_US_positive.java, Help_negative.java, Help_positive.java, and main.java.
- Code Editor:** Displays the Java code for Contact_US_negative.java. The code imports various Selenium and Java libraries, sets up a ChromeDriver instance, and performs navigation to a contact page, clicking on a 'Contact Us' button.
- Task List:** Shows a search bar with 'Find' and 'All' buttons.
- Outline:** Shows the class structure with a main method.
- Bottom Bar:** Includes tabs for Problems, Javadoc, Declaration, Console, and Writable, along with a status bar showing the current time (20:44:767) and date (4/5/2024).

2. Contact me negative.

The screenshot shows the Eclipse IDE interface with the following details:

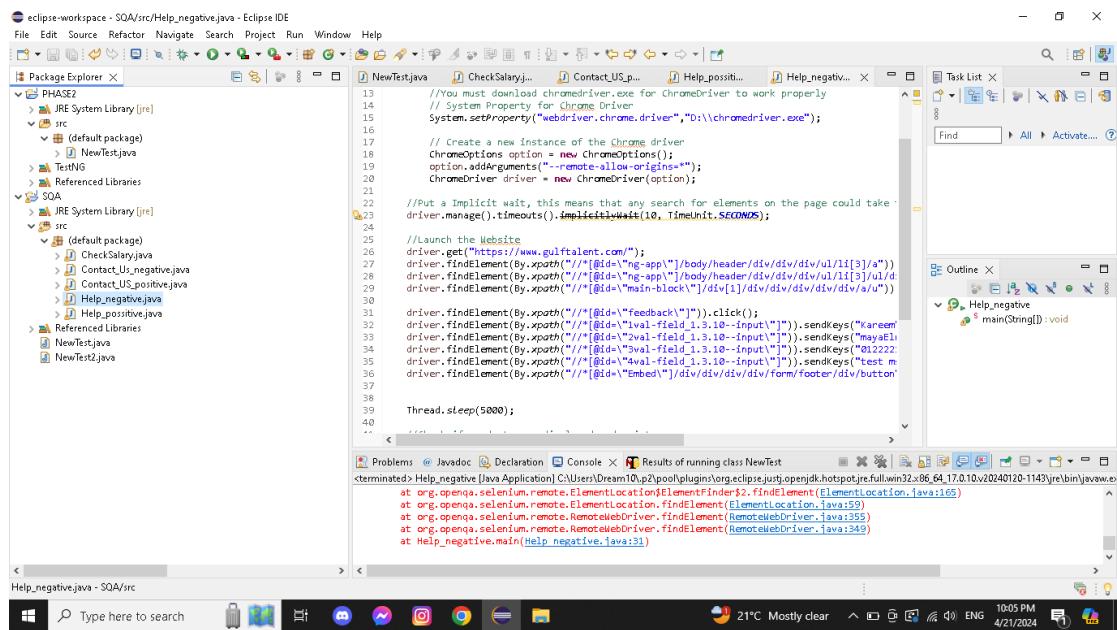
- Project Explorer:** Shows the project structure with packages `JRE System Library [jre]` and `src`. The `src` package contains files: `CheckSalary.java`, `Contact_US_negative.java`, `Contact_US_positive.java`, `Help_negative.java`, `Help_positive.java`, and `Referenced Libraries`.
- Code Editor:** Displays the `Contact_US_positive.java` file. The code uses Selenium WebDriver to interact with a contact form on `guifalent.com`. It includes imports for `java.util.concurrent.TimeUnit`, `org.openqa.selenium.WebDriver`, `org.openqa.selenium.chrome.ChromeDriver`, `org.openqa.selenium.chrome.ChromeOptions`, and `org.openqa.selenium.support.ui.Select`. The `main` method sets up the Chrome driver with options for headless mode and no-sandbox, then navigates to the website and finds an element by XPath.
- Task List:** Shows a single entry: `Find`.
- Outline:** Shows the class `Contact_US_positive` and its `main(String[] args)` method.
- Bottom Status Bar:** Shows the status bar with `Writable`, `Smart Insert`, `6:18:178`, and system icons.

3. Help positive.

The screenshot shows the Eclipse IDE interface with the following details:

- Project Explorer**: Shows the project structure under **PHASE2**, including packages like **JRE System Library [jre]**, **src**, and **TestNG**.
- Editor Area**: Displays the Java code for **NewTest.java**. The code uses Selenium WebDriver to interact with a web application at <https://www.gulfalent.com/>. It includes imports for `java.util.concurrent.TimeUnit`, `java.util.List`, and `org.openqa.selenium.*`. The main method sets up a ChromeDriver instance, manages a implicit wait of 10 seconds, and performs several interactions with input fields.
- Problems View**: Shows errors related to the Selenium imports and the `main` method.
- Console View**: Shows the output of the application run, indicating it terminated successfully.
- Task List**: Shows a single task entry.
- Outline View**: Shows the outline of the **Help_positive** class.

4. Help negative.



```

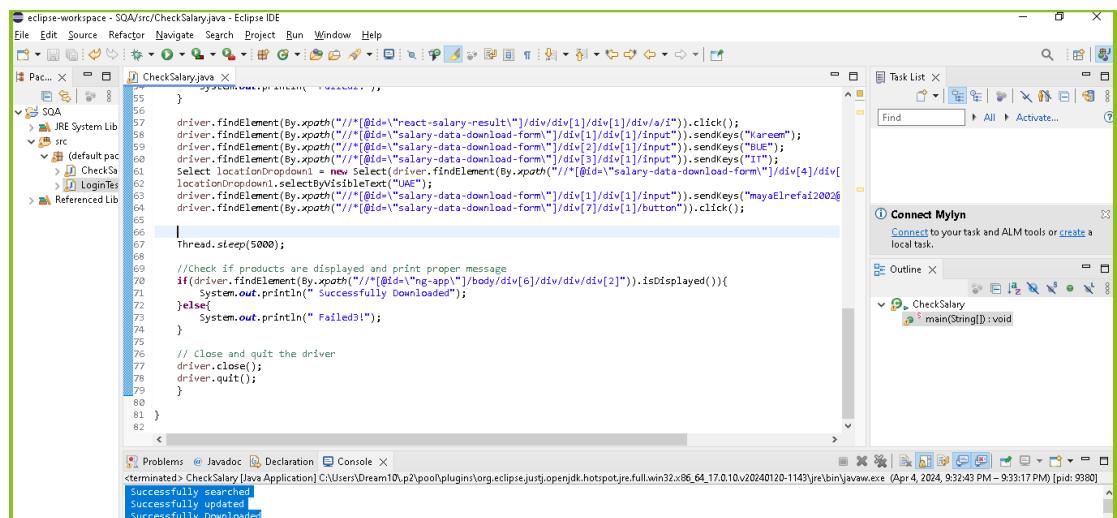
eclipse-workspace - SOA/src/Help_negative.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer X NewTestjava CheckSalary.java Contact_US_posit... Help_posit... Help_nega...
JRE System Library [jre]
src (default package)
> TeINg
> Referenced Libraries
SOA JRE System Library [jre]
src (default package)
> CheckSalary.java
> Contact_US_negative.java
> Contact_US_positive.java
> Help_negative.java
> Help_positive.java
> Referenced Libraries
NewTest.java
NewTest2.java

13 //You must download chromedriver.exe for ChromeDriver to work properly
14 // System Property for Chrome Driver
15 System.setProperty("webdriver.chrome.driver","D:\\chromedriver.exe");
16
17 // Create a new instance of the Chrome driver
18 ChromeOptions option = new ChromeOptions();
19 option.addArguments("--remote-allow-origins=*");
20 ChromeDriver driver = new ChromeDriver(option);
21
22 //Put a Implicit wait, this means that any search for elements on the page could take
23 //driver.manage().timeouts().implicitlyWait(10, TimeUnit.SECONDS);
24
25 //Launch the Website
26 driver.get("https://www.gulftalent.com/");
27 driver.findElement(By.xpath("//[id='ng-app']/body/header/div/div/ul/li[3]/a"));
28 driver.findElement(By.xpath("//[id='ng-app']/body/header/div/div/ul/li[3]/ul/li[1]/a"));
29 driver.findElement(By.xpath("//[id='main-block']/div[1]/div/div/a/u"));
30
31 driver.findElement(By.xpath("//[id='feedback']")).click();
32 driver.findElement(By.xpath("//[id='1val-field_1_3_10--input']")).sendKeys("Kareem");
33 driver.findElement(By.xpath("//[id='2val-field_1_3_10--input']")).sendKeys("mayaEl");
34 driver.findElement(By.xpath("//[id='3val-field_1_3_10--input']")).sendKeys("012222");
35 driver.findElement(By.xpath("//[id='4val-field_1_3_10--input']")).sendKeys("test m");
36 driver.findElement(By.xpath("//[id='Embed']")).click();
37
38 Thread.sleep(5000);
39
40

```

Problems Javadoc Declaration Console Results of running class NewTest
<terminated> Help_negative [Java Application] C:\Users\Dream10\p2\pool\plugins\org.eclipse.jdt.openjdk.hotspot.jre.full.win32.x86_64.17.0.10.v20240120-1143\re\bim\www
at org.openqa.selenium.remote.ElementLocation\$ElementFinder\$2.findElement(ElementLocation.java:165)
at org.openqa.selenium.remote.ElementLocation.findElement(ElementLocation.java:59)
at org.openqa.selenium.remote.RemoteWebElement.findElement(RemoteWebElement.java:355)
at org.openqa.selenium.remote.RemoteWebDriver.findElement(RemoteWebDriver.java:349)
at Help_negative.main(Help_negative.java:31)

5. Salary suite.



```

eclipse-workspace - SOA/src/CheckSalary.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Pac... X CheckSalary.java
JRE System Lib src (default package)
> CheckSalary.java
> LoginTes Referenced Lib
CheckSalary.java
1
2
3
4
5
6
7
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63
64
65
66
67
68
69
70
71
72
73
74
75
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77
78
79
80
81
82

55 }
56
57 driver.findElement(By.xpath("//[id='react-salary-result']/div/div[1]/div/a[3]")).click();
58 driver.findElement(By.xpath("//[id='salary-data-download-form']/div[1]/div[1]/input")).sendKeys("Kareem");
59 driver.findElement(By.xpath("//[id='salary-data-download-form']/div[2]/div[1]/input")).sendKeys("BLUE");
60 driver.findElement(By.xpath("//[id='salary-data-download-form']/div[3]/div[1]/input")).sendKeys("IT");
61 Select locationDropdown = Select.from(driver.findElement(By.xpath("//[id='salary-data-download-form']/div[4]/div[1]")));
62 locationDropdown.selectByVisibleText("UAE");
63 driver.findElement(By.xpath("//[id='salary-data-download-form']/div[1]/div[1]/input")).sendKeys("mayaElrefai2002");
64 driver.findElement(By.xpath("//[id='salary-data-download-form']/div[7]/div[1]/button")).click();
65
66
67 Thread.sleep(5000);
68
69 //Check if products are displayed and print proper message
70 if(driver.findElement(By.xpath("//[id='ng-app']/body/div[6]/div/div[2]")).isDisplayed()){
71     System.out.println(" Successfully Downloaded");
72 }else{
73     System.out.println(" Failed!");
74 }
75
76 // Close and quit the driver
77 driver.close();
78 driver.quit();
79
80
81
82


```

Problems Javadoc Declaration Console
<terminated> CheckSalary [Java Application] C:\Users\Dream10\p2\pool\plugins\org.eclipse.jdt.openjdk.hotspot.jre.full.win32.x86_64.17.0.10.v20240120-1143\re\bim\www
successfully searched
Successfully updated
successfully Downloaded

1.3 TestNG

Maya

1. CV database search

- **HTML Report**

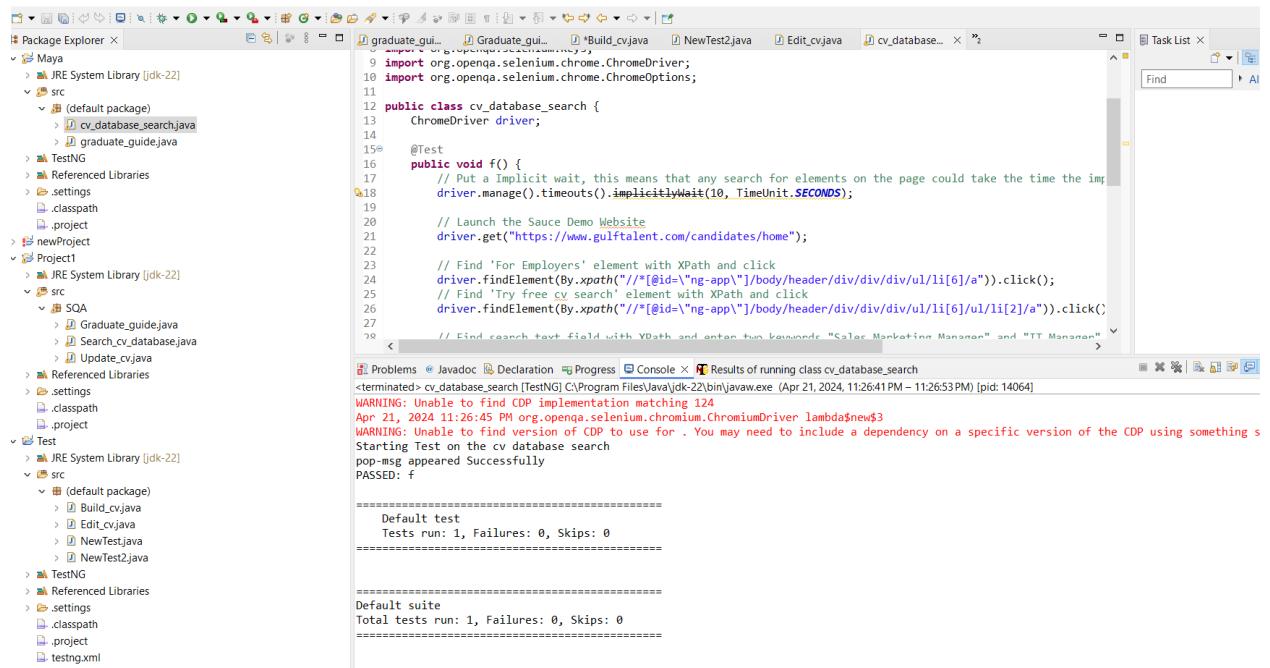
Test	# Passed	# Skipped	# Failed	Time (ms)	Included Groups	Excluded Groups
Default suite						
Default test	1	0	0	8,411		
Default suite						
Default test — passed						
Maya_test.cv_database_search	1	0	0	5455		

Default test

Maya_test.cv_database_search#

[back to summary](#)

- **Console**



The screenshot shows the Eclipse IDE interface with the following components visible:

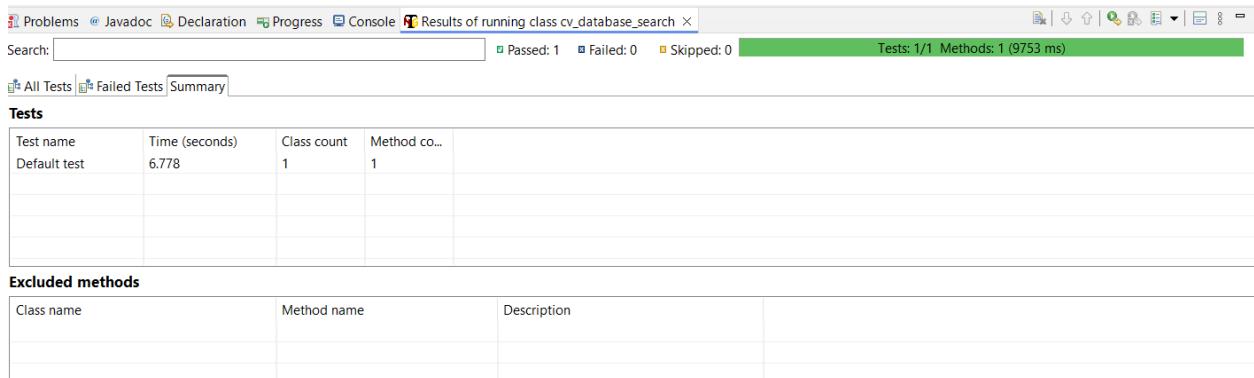
- Package Explorer:** Shows the project structure with packages like Maya, SOA, and Test.
- Java Editor:** Displays the source code for the `cv_database_search` class.
- Console View:** Shows the output of the TestNG execution.

```

import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.chrome.ChromeOptions;
public class cv_database_search {
    WebDriver driver;
    @Test
    public void f() {
        // Put a Implicit wait, this means that any search for elements on the page could take the time the implicit wait
        driver.manage().timeouts().implicitlyWait(10, TimeUnit.SECONDS);
        // Launch the Sauce Demo Website
        driver.get("https://www.gulftalent.com/candidates/home");
        // Find 'For Employers' element with XPath and click
        driver.findElement(By.xpath("//*[@id='ng-app']/body/header/div/div/ul/li[6]/a")).click();
        // Find 'Try free cv search' element with XPath and click
        driver.findElement(By.xpath("//*[@id='ng-app']/body/header/div/div/ul/li[6]/ul/li[2]/a")).click();
        // Find search text field with XPath and enter two keywords "Sales Marketing Manager" and "IT Manager"
    }
}

Starting Test on the cv database search
pop-msg appeared Successfully
PASSED: f
=====
Default test
Tests run: 1, Failures: 0, Skips: 0
=====
Default suite
Total tests run: 1, Failures: 0, Skips: 0
=====
```

• Summary result



The screenshot shows a JUnit test results window. At the top, there are tabs for 'Problems', 'Javadoc', 'Declaration', 'Progress', 'Console', and 'Results of running class cv_database_search'. The 'Results' tab is selected. Below the tabs, there is a search bar and a status bar indicating 'Passed: 1 Failed: 0 Skipped: 0 Tests: 1/1 Methods: 1 (9753 ms)'. Under the tabs, there are two sections: 'All Tests' (selected), 'Failed Tests' (empty), and 'Summary' (empty). The 'Tests' section contains a table with one row:

Test name	Time (seconds)	Class count	Method co...
Default test	6.778	1	1

The 'Excluded methods' section is empty.

2. Graduate guide

• Report

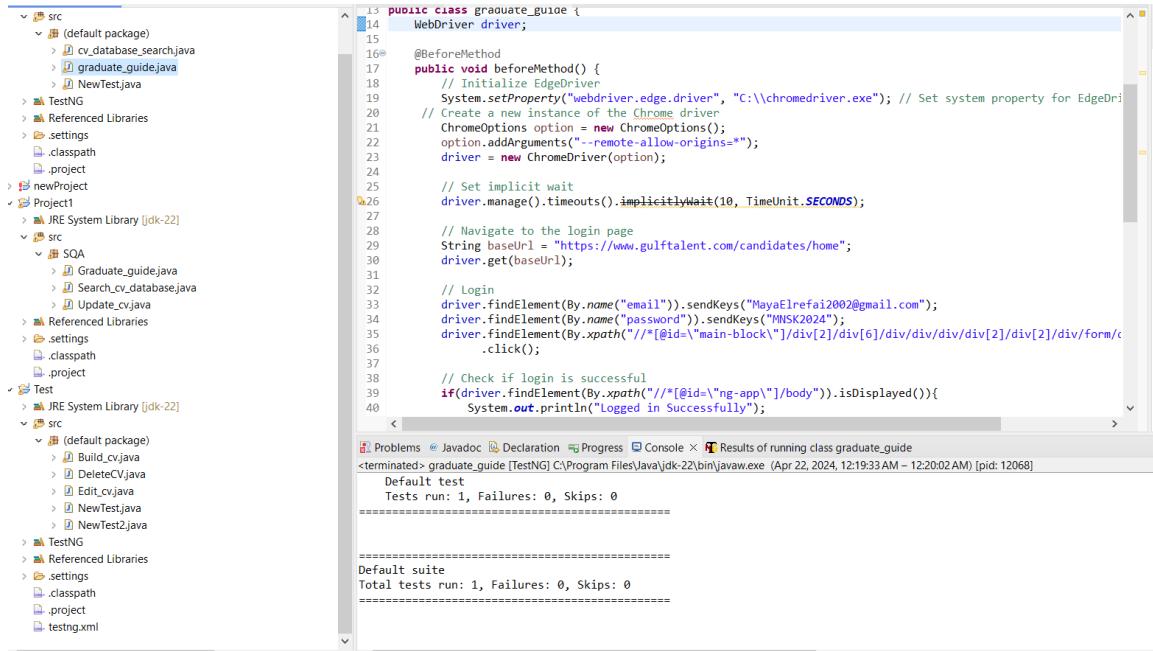
Test	# Passed	# Skipped	# Failed	Time (ms)	Included Groups	Excluded Groups
Default suite						
Default test	1	0	0	29,894		
Default suite						
Default test — passed						
Maya_test.graduate_guide	f			1713785494934	25605	

Default test

[Maya_test.graduate_guide#f](#)

[back to summary](#)

● Console



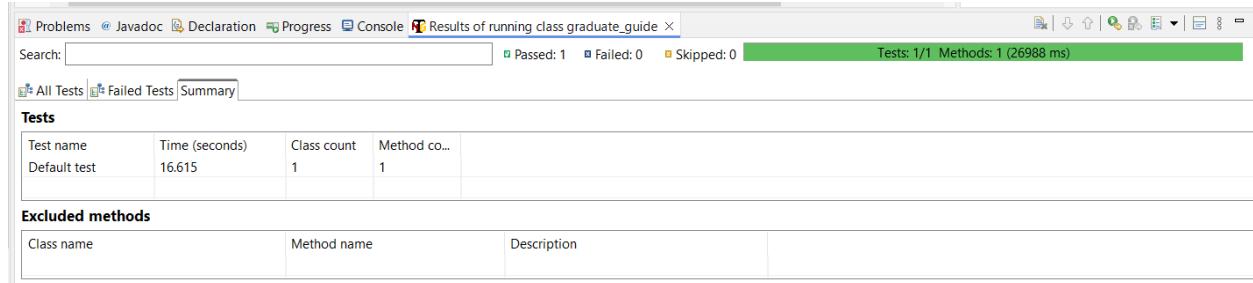
```

13 public class graduate_guide {
14     WebDriver driver;
15
16     @BeforeMethod
17     public void beforeMethod() {
18         // Initialize EdgeDriver
19         System.setProperty("webdriver.edge.driver", "C:\\chromedriver.exe"); // Set system property for EdgeDriver
20         // Create a new instance of the Chrome driver
21         ChromeOptions option = new ChromeOptions();
22         option.addArguments("--remote-allow-origins=*");
23         driver = new ChromeDriver(option);
24
25         // Set implicit wait
26         driver.manage().timeouts().implicitlyWait(10, TimeUnit.SECONDS);
27
28         // Navigate to the login page
29         String baseUrl = "https://www.gulftalent.com/candidates/home";
30         driver.get(baseUrl);
31
32         // Login
33         driver.findElement(By.name("email")).sendKeys("MayaElrefai2002@gmail.com");
34         driver.findElement(By.name("password")).sendKeys("MNSK2024");
35         driver.findElement(By.xpath("//[@id='main-block']/div[2]/div[6]/div/div/div[2]/div[2]/div/form/div/div[2]/button")).click();
36
37         // Check if login is successful
38         if(driver.findElement(By.xpath("//*[@id='ng-app']/body")).isDisplayed()){
39             System.out.println("Logged in Successfully");
40         }

```

=====
Default test
Tests run: 1, Failures: 0, Skips: 0
=====
Default suite
Total tests run: 1, Failures: 0, Skips: 0
=====

● Summary result



Test name	Time (seconds)	Class count	Method count
Default test	16.615	1	1

Excluded methods

Class name	Method name	Description

3. Account profile suite

- Report

Test	# Passed	# Skipped	# Failed	Time (ms)	Included Groups	Excluded Groups
Suite						
Test	0	0	3	28,905		

Class	Method	Start	Time (ms)
Suite			
Test — failed			
suite.Build_cv	f	1713786971218	24395
suite.Delete_cv	f	1713786995620	2
suite.Edit_cv	f	1713786966748	15

Test

- Console

```
WARNING: Unable to find CDP implementation matching 124
Apr 22, 2024 1:56:08 PM org.openqa.selenium.chromium.ChromiumDrive
WARNING: Unable to find version of CDP to use for . You may need t
logged in Successfully
```

```
=====
Suite
Total tests run: 3, Failures: 3, Skips: 0
=====
```

Sarah

1. Subscribe to receive similar articles Positive(assertTrue())

- Report

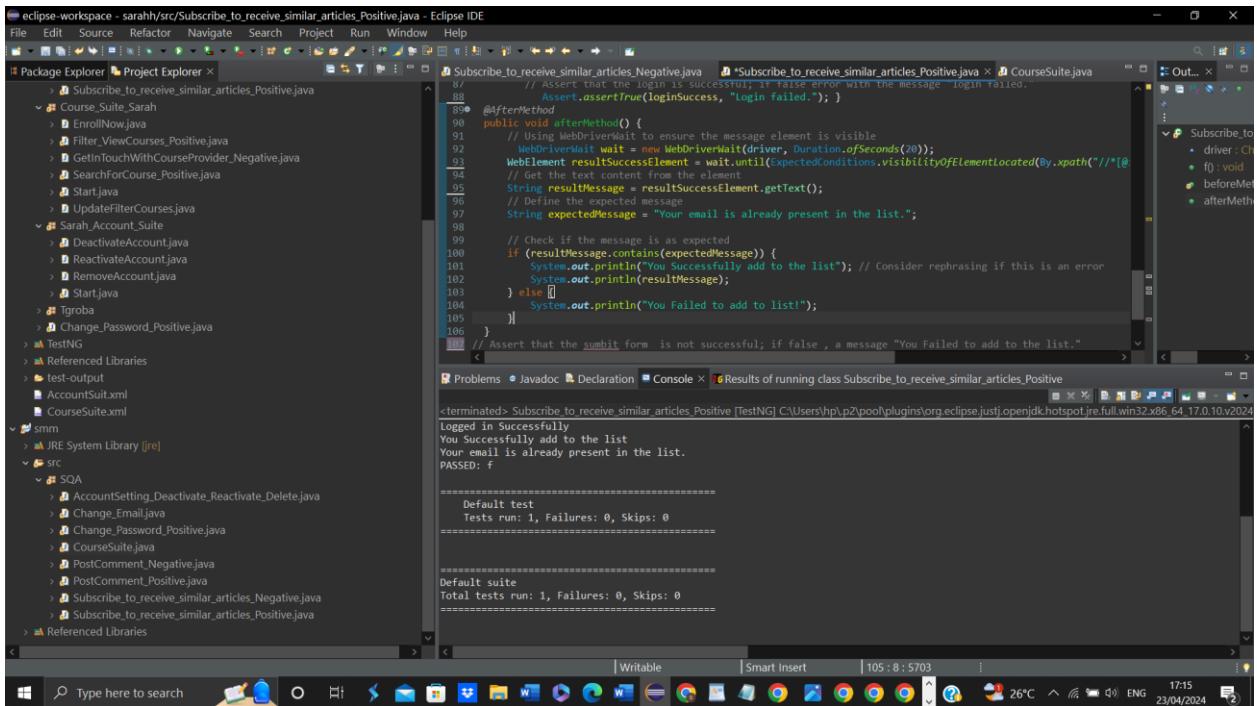
Test	# Passed	# Skipped	# Failed	Time (ms)	Included Groups	Excluded Groups
Default suite						
Default test	1	0	0	33,046		
Default suite						
Default test — passed						
Subscribe_to_receive_similar_articles_Positive#	1			1713883174111	27507	

Default test

Subscribe_to_receive_similar_articles_Positive#

[back to summary](#)

- Console



The screenshot shows the Eclipse IDE interface with the following details:

- Project Explorer:** Shows the project structure with files like `Subscribe_to_receive_similar_articles_Positive.java`, `Course_Suite_Sarah`, and `AccountSetting_Deactivate_Reactivate_Delete.java`.
- Code Editor:** Displays the Java code for the `Subscribe_to_receive_similar_articles_Positive` class, specifically the `afterMethod` method which uses `assertTrue` to check if an expected message is present.
- Console:** Shows the execution results of the test:

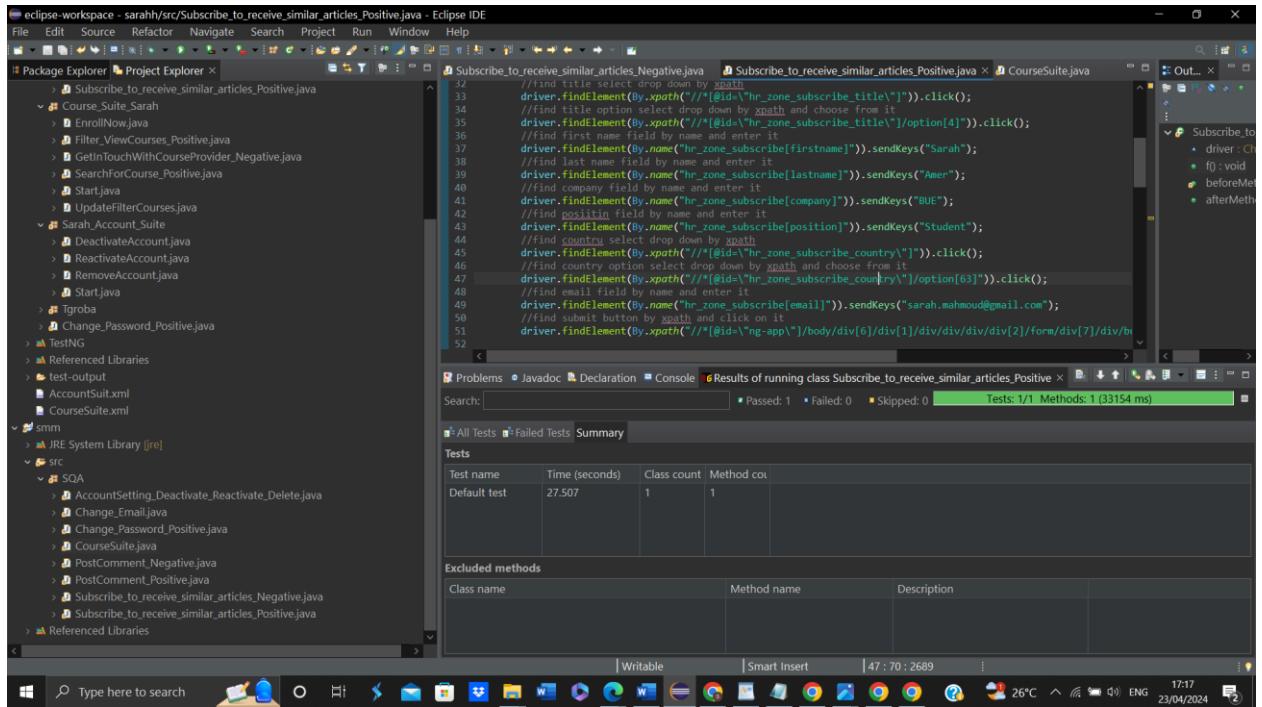

```

<terminated> Subscribe to receive similar articles_Positive [TestNG] C:\Users\hp\p2\pool\plugins\org.eclipse.jdt.openjdk.hotspot.jre.win32.x86_64.17.0.10.v2024
Logged In Successfully
You Successfully add to the list
Your email is already present in the list.
PASSED: f

=====
Default test
Tests run: 1, Failures: 0, Skips: 0
=====

=====
Default suite
Total tests run: 1, Failures: 0, Skips: 0
=====
```
- OS Taskbar:** At the bottom, the Windows taskbar shows various application icons and system status.

- ## Summary result



The screenshot shows the Eclipse IDE interface. On the left, the Package Explorer and Project Explorer show various Java files under the package 'sarahh/src'. The right side displays the code for 'Subscribe_to_receive_similar_articles_Negative.java' and 'Subscribe_to_receive_similar_articles_Positive.java'. Below the code editor is a 'Results of running class Subscribe_to_receive_similar_articles_Positive' view showing a single test passed. At the bottom, a summary table provides details about the test run.

Test	# Passed	# Skipped	# Failed	Time (ms)	Included Groups	Excluded Groups
Default suite						
Default test	1	0	0	30,152		

Class	Method	Start	Time (ms)
Default suite			
Default test — passed			
Subscribe_to_receive_similar_articles_Negative		1713881043012	24367

2. Subscribe to receive similar articles Negative (AssertTrue()).

- ### Report

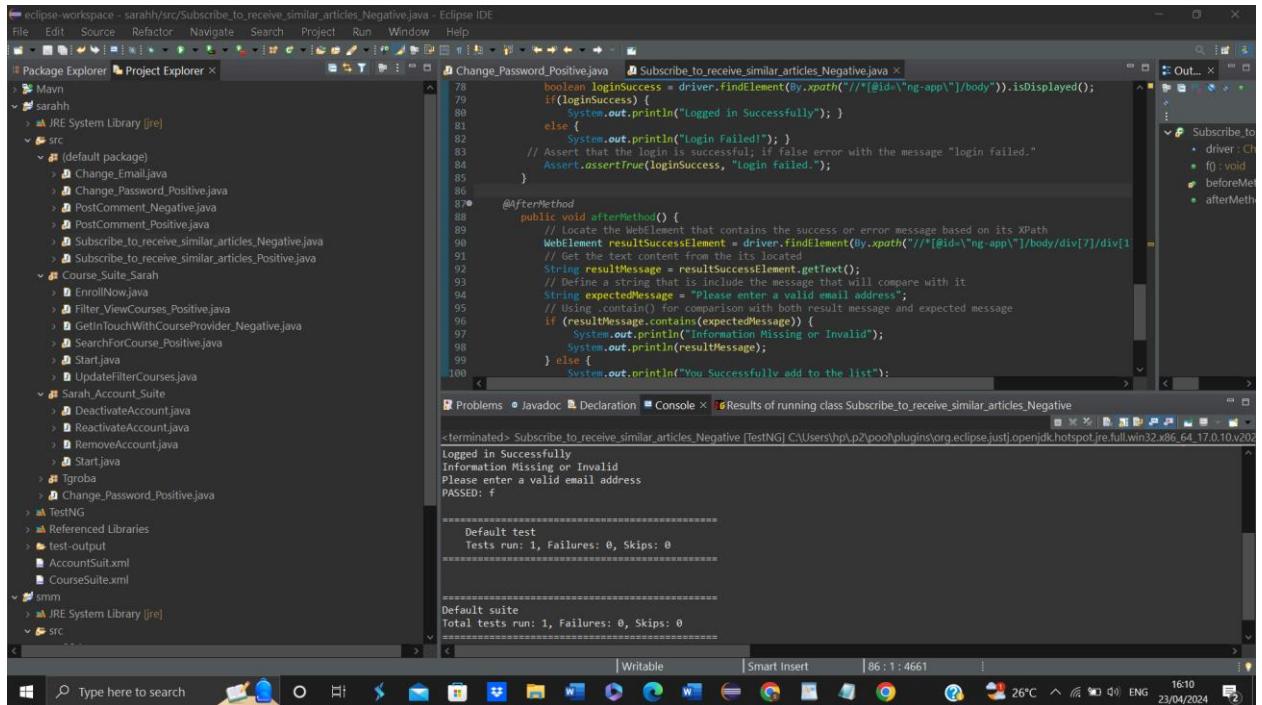
Test	# Passed	# Skipped	# Failed	Time (ms)	Included Groups	Excluded Groups
Default suite						
Default test	1	0	0	30,152		
Default suite						
Default test — passed						
Subscribe_to_receive_similar_articles_Negative						

Default test

Subscribe_to_receive_similar_articles_Negative#

[back to summary](#)

• Console



```

eclipse-workspace - sarah/src/Subscribe_to_receive_similar_articles_Negative.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer Project Explorer
src (default package)
  Change_Password_Positive.java
  PostComment_Negative.java
  PostComment_Positive.java
  Subscribe_to_receive_similar_articles_Negative.java
  Subscribe_to_receive_similar_articles_Positive.java
Course_Suite_Sarah
  EnrollNow.java
  Filter_ViewCourses_Positive.java
  GetInTouchWithCourseProvider_Negative.java
  SearchForCourse_Positive.java
  Start.java
  UpdateFilterCourses.java
Sarah_Account_Suite
  DeactivateAccount.java
  ReactivateAccount.java
  RemoveAccount.java
  Start.java
  Tgoba
  Change_Password_Positive.java
TESTING
  Referenced Libraries
  test-output
    AccountSuite.xml
    CourseSuite.xml
smm
  IRE System Library [jre]
  src
Type here to search 16:10 23/04/2024

```

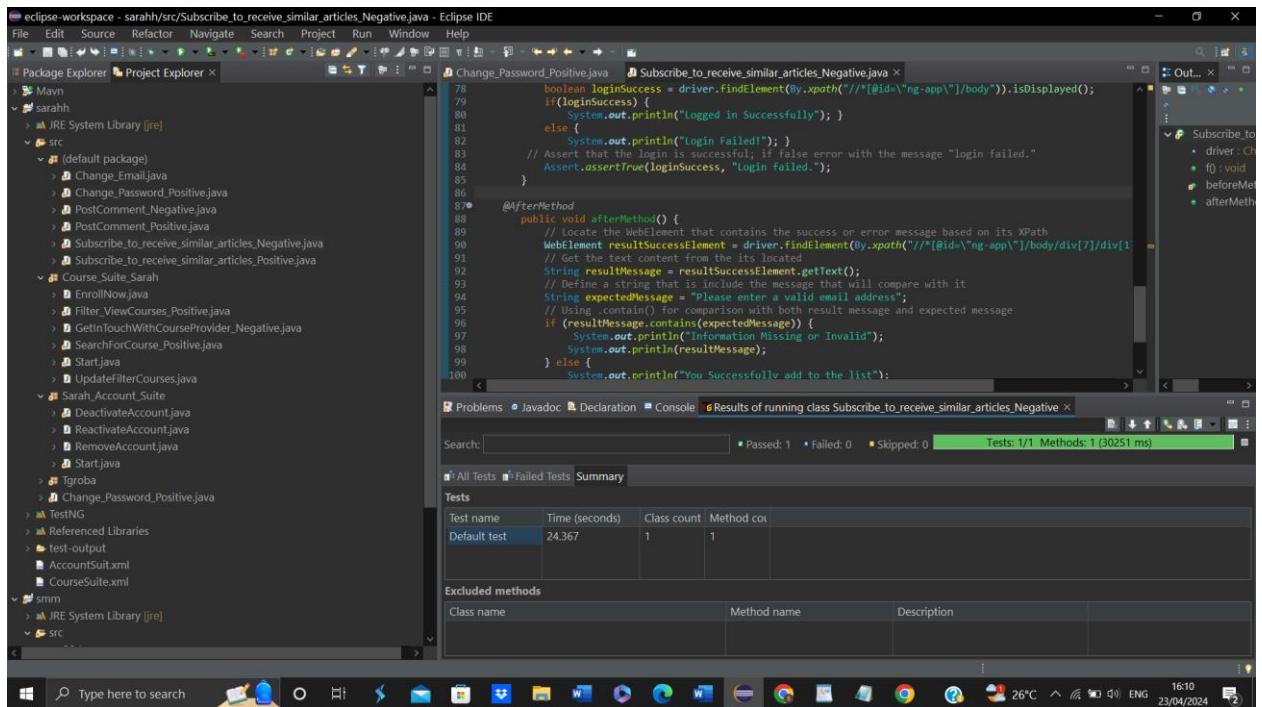
```

78 boolean loginSuccess = driver.findElement(By.xpath("//[@id='ng-app']/body")).isDisplayed();
79 if(loginSuccess) {
80     System.out.println("Logged in Successfully");
81 } else {
82     System.out.println("Login Failed!");
83 // Assert that the login is successful; if false error with the message "login failed."
84     Assert.assertTrue(loginSuccess, "Login failed.");
85 }
86
87 @AfterMethod
88 public void afterMethod() {
89     // Locate the WebElement that contains the success or error message based on its XPath
90     WebElement resultSuccessElement = driver.findElement(By.xpath("//[@id='ng-app']/body/div[7]/div[1]"));
91     // Get the text content from the its located
92     String resultMessage = resultSuccessElement.getText();
93     // Define a string that is include the message that will compare with it
94     String expectedMessage = "Please enter a valid email address";
95     // Using .contains() for comparison with both result message and expected message
96     if (resultMessage.contains(expectedMessage)) {
97         System.out.println("Information Missing or Invalid");
98     } else {
99         System.out.println(resultMessage);
100    }
101 }

<terminated> Subscribe_to_receive_similar_articles_Negative [TestNG] C:\Users\hp\p2\pool\plugins\org.eclipse.jdt.openjdk.hotspot.jre.full.win32.x86_64.17.0.10\2024-04-23T16:10:00Z
Logged in Successfully
Information Missing or Invalid
Please enter a valid email address
PASSED: 1
=====
Default test
Tests run: 1, Failures: 0, Skips: 0
=====
Default suite
Total tests run: 1, Failures: 0, Skips: 0

```

• Summary result



```

eclipse-workspace - sarah/src/Subscribe_to_receive_similar_articles_Negative.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer Project Explorer
src (default package)
  Change_Password_Positive.java
  PostComment_Negative.java
  PostComment_Positive.java
  Subscribe_to_receive_similar_articles_Negative.java
  Subscribe_to_receive_similar_articles_Positive.java
Course_Suite_Sarah
  EnrollNow.java
  Filter_ViewCourses_Positive.java
  GetInTouchWithCourseProvider_Negative.java
  SearchForCourse_Positive.java
  Start.java
  UpdateFilterCourses.java
Sarah_Account_Suite
  DeactivateAccount.java
  ReactivateAccount.java
  RemoveAccount.java
  Start.java
  Tgoba
  Change_Password_Positive.java
TESTING
  Referenced Libraries
  test-output
    AccountSuite.xml
    CourseSuite.xml
smm
  IRE System Library [jre]
  src
Type here to search 16:10 23/04/2024

```

Test name	Time (seconds)	Class count	Method count
Default test	24.367	1	1

Excluded methods		
Class name	Method name	Description

3. Post comment Positive (AssertTrue(), AssertEqual()).

- Report

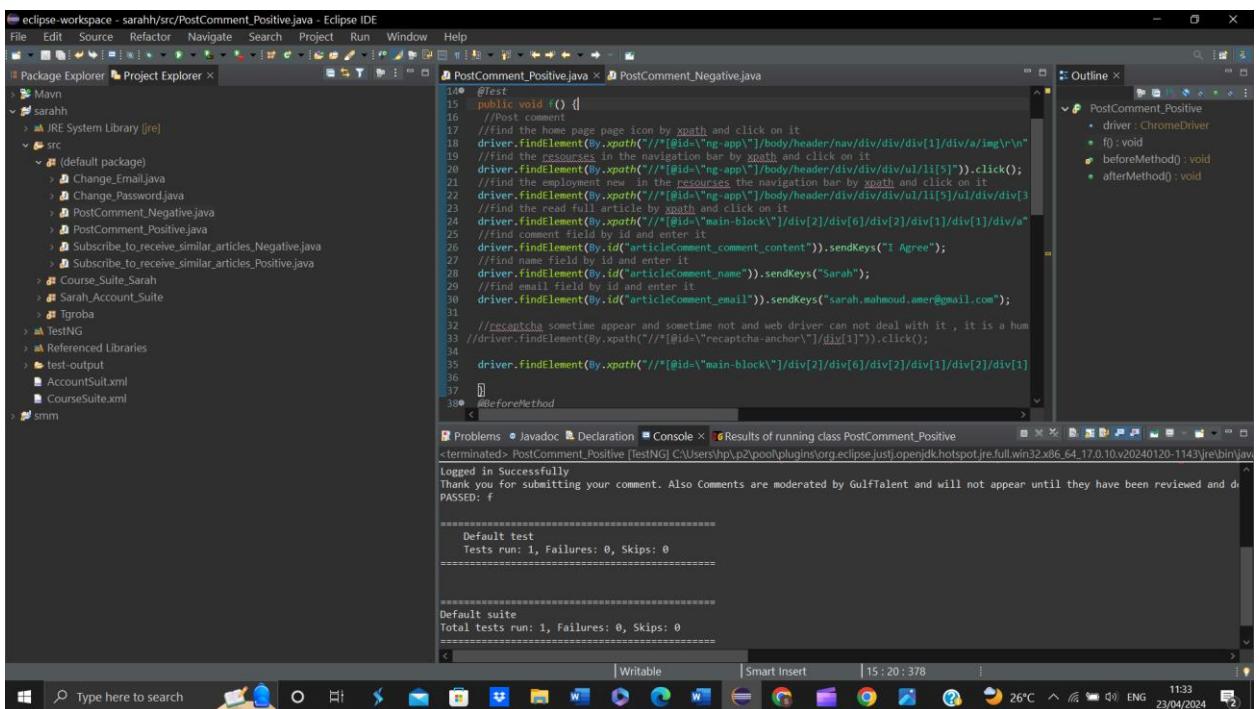
Test	# Passed	# Skipped	# Failed	Time (ms)	Included Groups	Excluded Groups
Default suite						
Default test	1	0	0	104,806		
Default suite						
Default test — passed						
PostComment_Positive	1	0	0	1713863872247	77426	

Default test

PostComment_Positive#f

[back to summary](#)

- Console



The screenshot shows the Eclipse IDE interface with the following details:

- Project Explorer:** Shows the project structure with packages like Mavn, sarahh, and src containing various Java files.
- Code Editor:** Displays the Java code for `PostComment_Positive.java`. The code implements a Selenium test for posting a comment. It includes imports for `org.openqa.selenium.By`, `org.openqa.selenium.WebDriver`, and `org.openqa.selenium.WebElement`. The test method `f()` performs the following steps:
 - Clicks on the home page icon.
 - Clicks on the "resources" link in the navigation bar.
 - Clicks on the "PostComment_Negative" link.
 - Locates and clicks on the first article in the list.
 - Enters "Sarah" into the name field.
 - Enters "Sarah.mahmoud.amer@gmail.com" into the email field.
 - Enters "I Agree" into the agree field.
 - Enters "Sarah" into the name field again.
 - Enters "Sarah.mahmoud.amer@gmail.com" into the email field again.
 - Clicks the "Post Comment" button.
- Console:** Shows the execution results of the test:

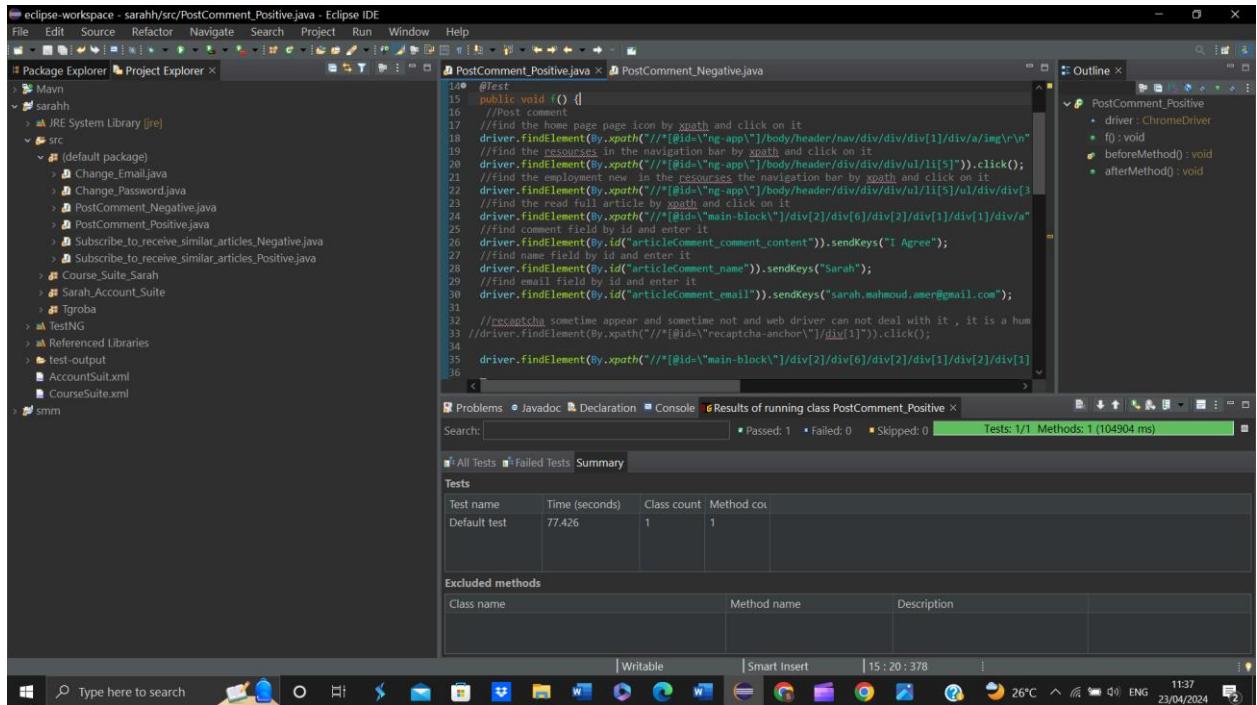

```

Logged in Successfully
Thank you for submitting your comment. Also Comments are moderated by GulfTalent and will not appear until they have been reviewed and dis
PASSED: f

=====
Default test
Tests run: 1, Failures: 0, Skips: 0
=====

Default suite
Total tests run: 1, Failures: 0, Skips: 0
=====
```
- Bottom Status Bar:** Shows system information including temperature (26°C), battery level (11:33), and date/time (23/04/2024).

• Summary result



```

14@Test
15 public void f() {
16     //find the home page icon by xpath and click on it
17     driver.findElement(By.xpath("//[@id='ng-app']/body/header/nav/div/div[1]/div/a/img"));
18     //find the resources in the navigation bar by xpath and click on it
19     driver.findElement(By.xpath("//[@id='ng-app']/body/header/div/div/u/l/li[5]"));
20     //find the employment news in the resources in the navigation bar by xpath and click on it
21     driver.findElement(By.xpath("//[@id='ng-app']/body/header/div/div/u/l/li[5]/ul/div[3]"));
22     //find the read full article by xpath and click on it
23     driver.findElement(By.xpath("//[@id='ng-app']/body/header/div/div/u/l/li[5]/ul/div[3]/div[2]"));
24     //fill name field by id and enter it
25     driver.findElement(By.id("articleComment_comment_content")).sendKeys("I Agree");
26     //find name field by id and enter it
27     driver.findElement(By.id("articleComment_name")).sendKeys("Sarah");
28     //Find email field by id and enter it
29     driver.findElement(By.id("articleComment_email")).sendKeys("sarah.mahmoud.amer@gmail.com");
30     //recaptcha sometimes appear and sometimes not and web driver can not deal with it , it is a hum
31     //driver.findElement(By.xpath("//[@id='ng-app']/body/header/div/div/u/l/li[5]/ul/div[3]/div[2]"));
32     //click()
33     driver.findElement(By.xpath("//[@id='ng-app']/body/header/div/div/u/l/li[5]/ul/div[3]/div[2]/div[2]/div[2]/div[1]/div[1]/div[1]"));
34 }
35
36

```

Results of running class PostComment_Positive ×

Test name	Time (seconds)	Class count	Method count
Default test	77.426	1	1

All Tests Failed Tests Summary

Excluded methods

Class name	Method name	Description

4. Post comment negative (AssertTrue()).

• Report

Test	# Passed	# Skipped	# Failed	Time (ms)	Included Groups	Excluded Groups
Default suite						
Default test	1	0	0	89,476		
Default suite						
Default test — passed						
PostComment_Negative				1713866042869		63104

Default test

PostComment_Negative#f

[back to summary](#)

- **Console**

The screenshot shows the Eclipse IDE interface with the following details:

- Project Explorer:** Displays the project structure with files like Change_Email.java, Change_Password.java, PostComment_Negative.java, PostComment_Positive.java, Subscribe_to_receive_similar_articles_Negative.java, and Subscribe_to_receive_similar_articles_Positive.java.
- Code Editor:** Shows the Java code for `PostComment_Negative.java`. The code uses Selenium WebDriver to interact with a web application, specifically targeting elements with IDs like `#main-block` and `#comment-content`. It includes a `@BeforeMethod` annotation for setup.
- Outline View:** Lists the classes and methods defined in the current project.
- Problems View:** Shows no errors or warnings.
- Console View:** Displays the output of the test run:
 - Log message: "Logged in Successfully".
 - User instruction: "Please tick the Captcha to proceed, You Failed to submit the comment!".
 - Status: "PASSED: f"
 - Test summary: "Default test Tests run: 1, Failures: 0, Skips: 0"
 - Suite summary: "Default suite Total tests run: 1, Failures: 0, Skips: 0"
- System Tray:** Shows the date (23/04/2024), time (12:00), battery level, and network status.

- **Summary result**

eclipse-workspace - sarah/src/PostComment_Negative.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer Project Explorer

JRE System Library [jre]

SRC

(default package)

- Change_Email.java
- Change_Password.java
- PostComment_Negative.java
- PostComment_Positive.java
- Subscribe_to_receive_similar_articles_Negative.java
- Subscribe_to_receive_similar_articles_Positive.java

Course_Suite_Sarah

Sarah_Account_Suite

Tgrob

TESTNG

Referenced Libraries

test-output

AccountSuit.xml

CourseSuite.xml

smin

PostComment_Negative.java

```
21 //Find the deployment new in the resources the navigation bar by xpath and click on it
22 driver.findElement(By.xpath("//[@id='ng-app']//body/header/div/div/div/u[1][5]/ul/div/d
23 //Find the read full article by xpath and click on it
24 driver.findElement(By.xpath("//[@id='main-block']//div[2]/div[6]/div[2]/div[1]/div[1]/di
25 //Find comment field by id and enter it
26 driver.findElement(By.id("articleComment_comment_content")).sendKeys("I Agree");
27 //Find name field by id and enter it
28 driver.findElement(By.id("articleComment_comment_name")).sendKeys("Sarah");
29 //Find email field by id and enter it
30 driver.findElement(By.id("articleComment_email")).sendKeys("sarah.mahmoud");
31
32 //recaptcha sometimes appear and sometimes not and web driver can not deal with it , it is a
33 //driver.findElement(By.xpath("//[@id='recaptcha-anchor']//div[1]")).click();
34 //find submit button and click on it
35 driver.findElement(By.xpath("//[@id='main-block']//div[2]/div[6]/div[2]/div[1]/div[2]/di
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```

5. Course suite (Search, Filter , Get in touch [N] , update , enroll now [P]) (AssertTrue(), AssertEqual())

- Report

Test	# Passed	# Skipped	# Failed	Time (ms)	Included Groups	Excluded Groups
Suite						
Test	5	0	0	55,043		
Class						
Suite						
Test — passed						
Course_Suite_Sarah.EnrollNow#				1713860289348	8393	
Course_Suite_Sarah.Filter_ViewCourses_Positive#	f			1713860271355	205	
Course_Suite_Sarah.GetInTouchWithCourseProvider_Negative#	f			1713860271634	12051	
Course_Suite_Sarah.SearchForCourse_Positive#	f			1713860242745	28605	
Course_Suite_Sarah.UpdateFilterCourses#	f			1713860289160	130	

Test

Course_Suite_Sarah.EnrollNow#f

[back to summary](#)

Course_Suite_Sarah.Filter_ViewCourses_Positive#f

[back to summary](#)

Course_Suite_Sarah.GetInTouchWithCourseProvider_Negative#f

[back to summary](#)

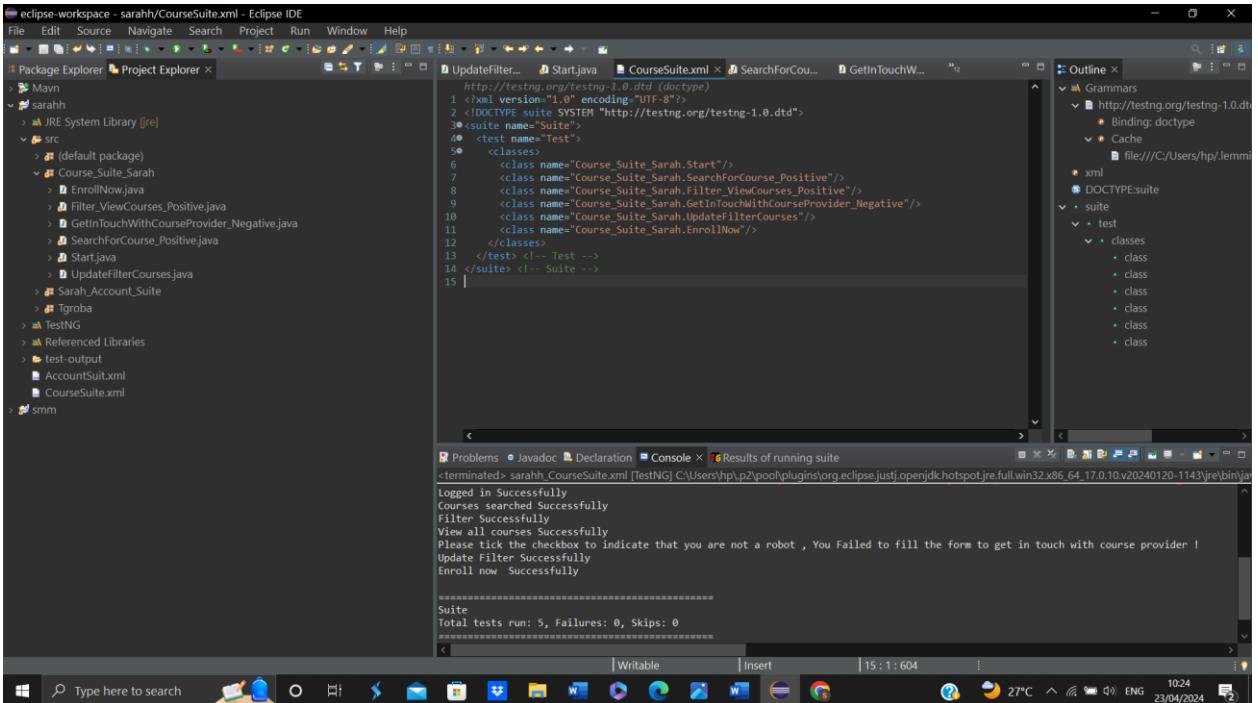
Course_Suite_Sarah.SearchForCourse_Positive#f

[back to summary](#)

Course_Suite_Sarah.UpdateFilterCourses#f

[back to summary](#)

- Console



The screenshot shows the Eclipse IDE interface with the following details:

- Project Explorer:** Shows the project structure with packages like Mavn, sarahh, src, and TestNG.
- Code Editor:** Displays the XML configuration file `CourseSuite.xml` for the test suite.
- Console View:** Shows the output of the test execution, including successful logins, course searches, filter updates, and enrollment.
- Outline View:** Shows the class hierarchy and source files.
- Bottom Status Bar:** Shows system information like temperature (27°C), battery level (ENG 1024), and date/time (23/04/2024).

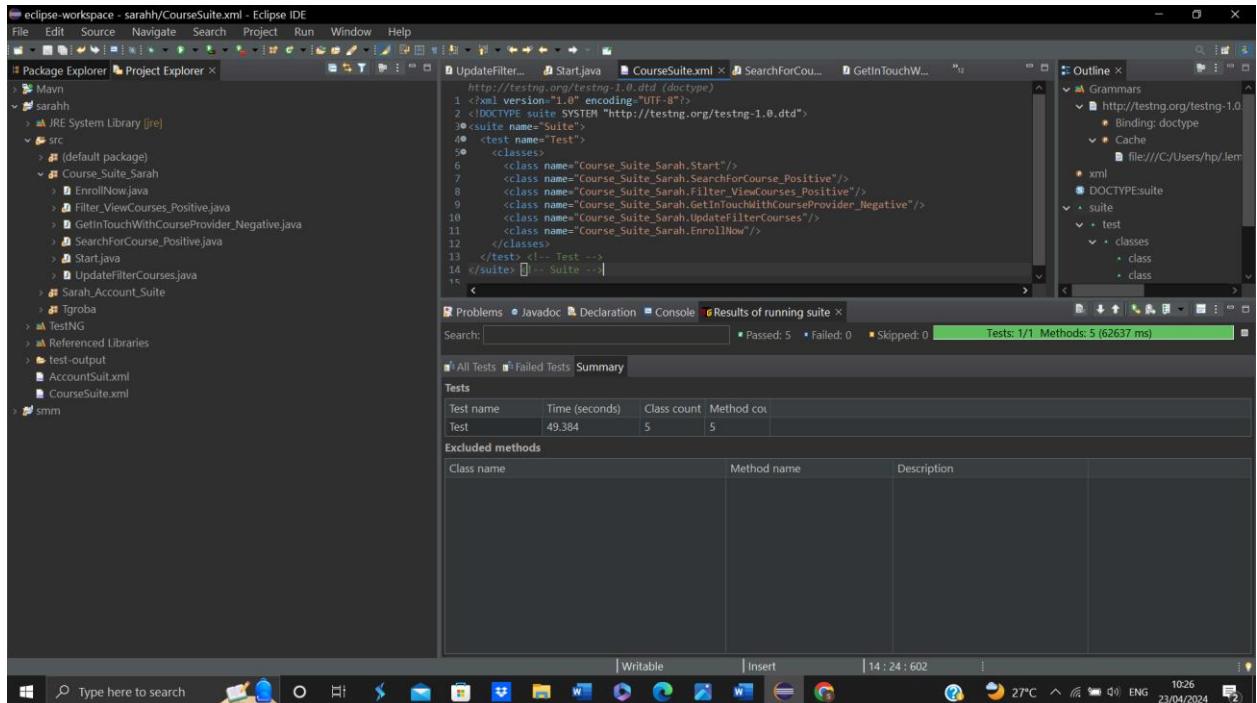
```

<!--> http://testing.org/testng-1.0.dtd (doctype)
1 <?xml version="1.0" encoding="UTF-8"?>
2 <!DOCTYPE suite SYSTEM "http://testing.org/testng-1.0.dtd">
3 <suite name="Suite">
4   <test name="Test">
5     <classes>
6       <class name="Course_Suite_Sarah.Start"/>
7       <class name="Course_Suite_Sarah.SearchForCourse_Positive"/>
8       <class name="Course_Suite_Sarah.Filter_ViewCourses_Positive"/>
9       <class name="Course_Suite_Sarah.GetInTouchWithCourseProvider_Negative"/>
10      <class name="Course_Suite_Sarah.UpdateFilterCourses"/>
11      <class name="Course_Suite_Sarah.EnrollNow"/>
12    </classes>
13   </test> <!-- Test -->
14 </suite> <!-- Suite -->
15 |

```

Results of running suite
<terminated> sarahh.CourseSuite.xml [TestNG] C:\Users\hp\p2\pool\plugins\org.eclipse.jdt.openjdk.hotspot.jre.full.win32.x86_64_17.0.10.v20240120-1143\jre\bin\java
Logged in Successfully
Courses searched Successfully
Filter Successfully
View all courses Successfully
Please tick the checkbox to indicate that you are not a robot , You Failed to fill the form to get in touch with course provider !
Update Filter Successfully
Enroll now Successfully
=====
Suite
Total tests run: 5, Failures: 0, Skips: 0
=====

- **Summary result**



```

<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE suite SYSTEM "http://testing.org/testng-1.0.dtd">
<suite name="Suite">
<test name="Test">
<classes>
<class name="Course_Suite_Sarah.Start"/>
<class name="Course_Suite_Sarah.SearchForCourse_Positive"/>
<class name="Course_Suite_Sarah.Filter_ViewCourses_Positive"/>
<class name="Course_Suite_Sarah.GetInTouchWithCourseProvider_Negative"/>
<class name="Course_Suite_Sarah.UpdateFilterCourses"/>
<class name="Course_Suite_Sarah.EnrollNow"/>
</classes>
</test>
</suite>

```

6. Account suite (Deactivate, Reactivate, Remove) (AssertTrue(), AssertEqual())

- **Report**

Test	# Passed	# Skipped	# Failed	Time (ms)	Included Groups	Excluded Groups
Suite						
Test	3	0	0	58,753		
Test						
Class	Method	Start	Time (ms)			
Suite						
Test — passed						
Sarah_Account_Suite.DeactivateAccount	f	1713850054449	13615			
Sarah_Account_Suite.ReactivateAccount	f	1713850068098	22016			
Sarah_Account_Suite.RemoveAccount	f	1713850090145	23016			

Test

Sarah_Account_Suite.DeactivateAccount#f

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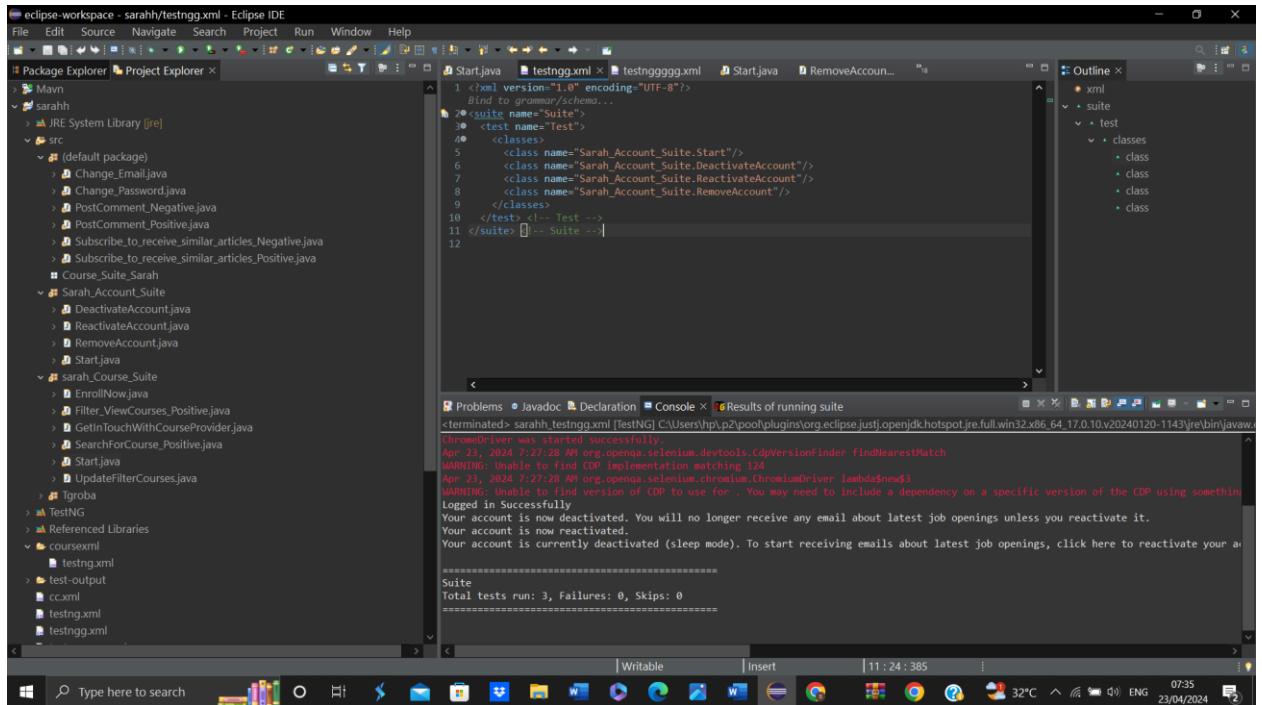
Sarah_Account_Suite.ReactivateAccount#f

[back to summary](#)

Sarah_Account_Suite.RemoveAccount#f

[back to summary](#)

• Console



The screenshot shows the Eclipse IDE interface with the following details:

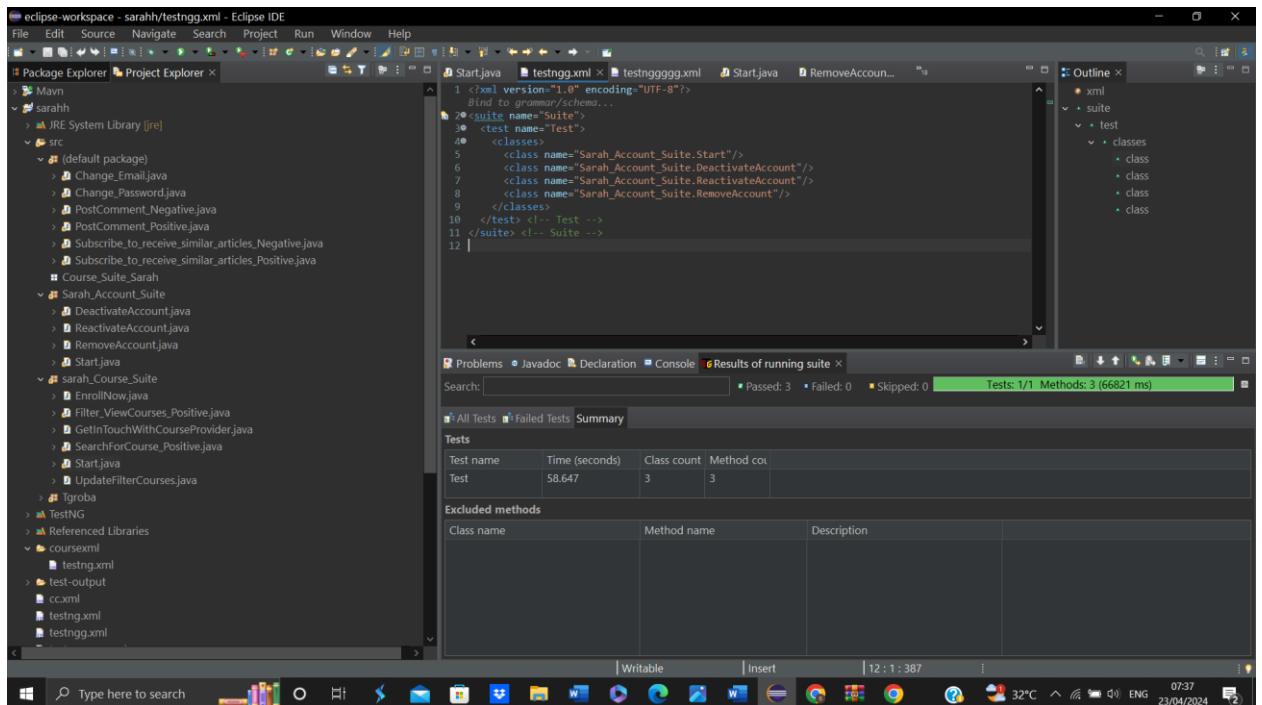
- Project Explorer:** Shows the project structure with packages like Mavn, sarahh, and src containing various Java files.
- Outline View:** Shows the XML structure of the testng.xml file.
- Console View:** Displays the results of running the suite. It shows the suite was terminated successfully, with 3 tests run, 0 failures, and 0 skips. The output also includes some Selenium and ChromeDriver logs.

```

<xml version="1.0" encoding="UTF-8?>
<!-- Bind to grammar/schema... -->
<suite name="Suite">
<!-- <test name="Test"> -->
<!-- <classes> -->
<!-- <class name="Sarah_Account_Suite.Start"/>
<!-- <class name="Sarah_Account_Suite.DeactivateAccount"/>
<!-- <class name="Sarah_Account_Suite.ReactivateAccount"/>
<!-- <class name="Sarah_Account_Suite.RemoveAccount"/>
</classes>
</test> <!-- Test -->
</suite> <!-- Suite -->

```

• Summary result



The screenshot shows the Eclipse IDE interface with the following details:

- Project Explorer:** Shows the project structure with packages like Mavn, sarahh, and src containing various Java files.
- Outline View:** Shows the XML structure of the testng.xml file.
- Console View:** Displays the results of running the suite. It shows the suite was terminated successfully, with 3 tests run, 0 failures, and 0 skips. The output also includes some Selenium and ChromeDriver logs.
- Summary View:** Provides a detailed summary of the test results, including the number of passed, failed, and skipped tests, and the total execution time.

Test name	Time (seconds)	Class count	Method count
Test	58.647	3	3

Excluded methods:

Class name	Method name	Description

7. Article suite (View, Comment, Subscribe) (AssertTrue()) .

• Report

Test	# Passed	# Skipped	# Failed	Time (ms)	Included Groups	Excluded Groups
Suite						
Test	3	0	0	69,965		
Class						
Suite						
Test — passed						
ViewArticle_Comment_SubscribetoReceive.SubscribeToReceiveSimilarArticle	f			1713976039031	1396	
ViewArticle_Comment_SubscribetoReceive.View_Article	f			1713975971042	30777	
ViewArticle_Comment_SubscribetoReceive.postcomment	f			1713976001848	37076	

Test

ViewArticle_Comment_SubscribetoReceive.SubscribeToReceiveSimilarArticle#f

[back to summary](#)

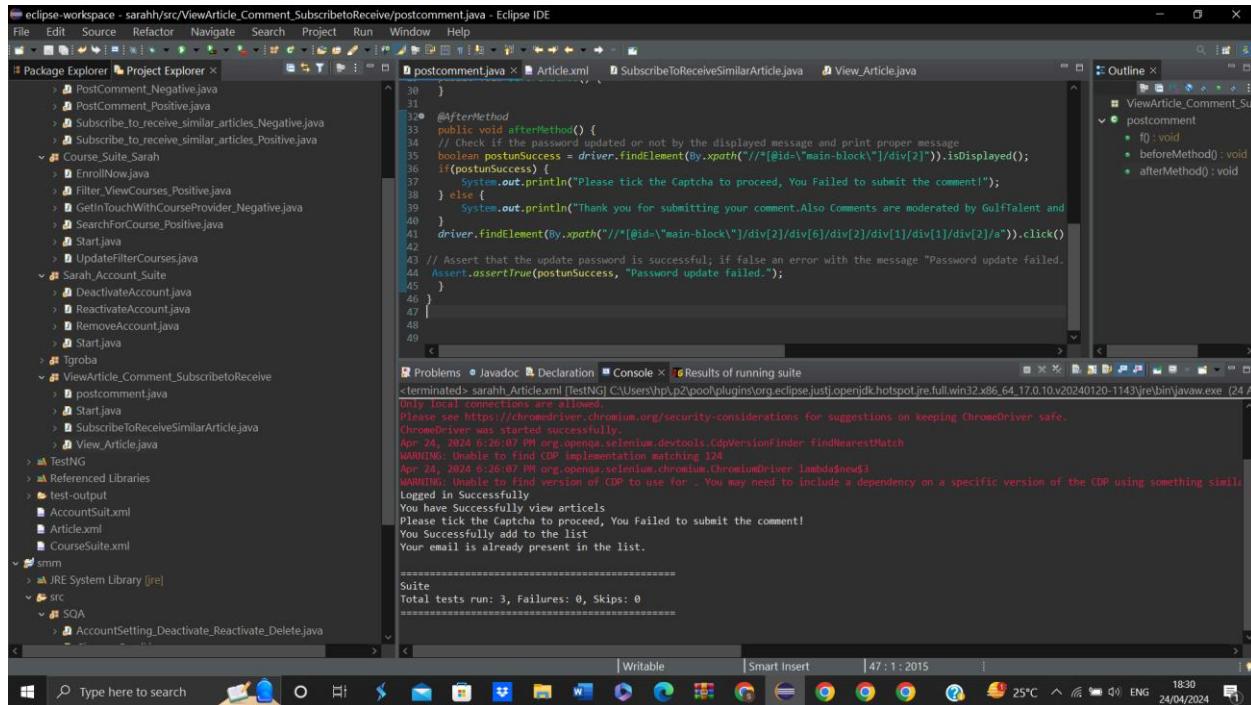
ViewArticle_Comment_SubscribetoReceive.View_Article#f

[back to summary](#)

ViewArticle_Comment_SubscribetoReceive.postcomment#f

[back to summary](#)

• Console



The screenshot shows the Eclipse IDE interface with the following details:

- Project Explorer:** Shows various Java files including PostComment_Negative.java, PostComment_Positive.java, Subscribe_to_receive_similar_articles_Negative.java, Subscribe_to_receive_similar_articles_Positive.java, Course_Suite_Sarah.java, EnrollNow.java, Filter_ViewCourses_Positive.java, GetInTouchWithCourseProvider_Negative.java, SearchForCourse_Positive.java, Start.java, UpdateFilterCourses.java, Sarah_Account_Suite.java, DeactivateAccount.java, ReactivateAccount.java, RemoveAccount.java, Start.java, Tgropa.java, ViewArticle_Comment_SubscribetoReceive.java, postcomment.java, Start.java, SubscribeToReceiveSimilarArticle.java, View_Article.java, TestNG.java, test-output, AccountSuite.xml, Article.xml, CourseSuite.xml, smm.java, JRE System Library [jre], SQA.java, and AccountSetting_Deactivate_Reactivate_Delete.java.
- Code Editor:** Displays the content of postcomment.java, which includes an afterMethod annotation and logic for handling comments and password updates.
- Console View:** Shows the output of the test run, including the command used (java -jar sarahh.Article.xml [TestNG]), browser information (ChromeDriver was started successfully), and the test results. The results show 3 total tests run, 0 failures, and 0 skips.

```

eclipse-workspace - sarahh/src/ViewArticle_Comment_SubscribetoReceive/postcomment.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer Project Explorer > PostComment_Negative.java
> PostComment_Positive.java
> Subscribe_to_receive_similar_articles_Negative.java
> Subscribe_to_receive_similar_articles_Positive.java
> Course_Suite_Sarah
> EnrollNow.java
> Filter_ViewCourses_Positive.java
> GetInTouchWithCourseProvider_Negative.java
> SearchForCourse_Positive.java
> Start.java
> UpdateFilterCourses.java
> Sarah_Account_Suite
> DeactivateAccount.java
> ReactivateAccount.java
> RemoveAccount.java
> Start.java
> Tgropa
> ViewArticle_Comment_SubscribetoReceive
> postcomment.java
> Start.java
> SubscribeToReceiveSimilarArticle.java
> View_Article.java
> TestNG
> Referenced Libraries
> test-output
> AccountSuite.xml
> Article.xml
> CourseSuite.xml
> smm
> JRE System Library [jre]
> SQA
> AccountSetting_Deactivate_Reactivate_Delete.java

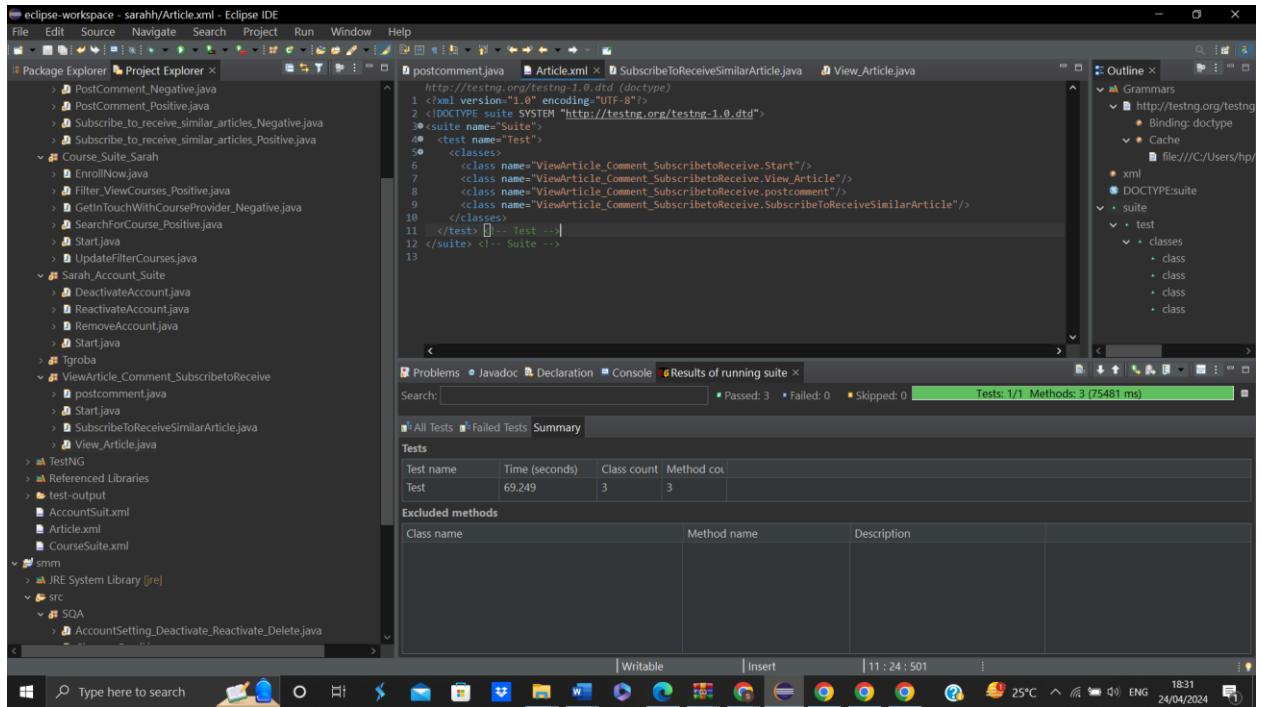
postcomment.java > Articlexml > SubscribeToReceiveSimilarArticle.java > View_Article.java

30 }
31 @AfterMethod
32 public void afterMethod() {
33     // Check if the password updated or not by the displayed message and print proper message
34     boolean postunSuccess = driver.findElement(By.xpath("//[@id='main-block']/div[2]")).isDisplayed();
35     if(postunSuccess) {
36         System.out.println("Please tick the Captcha to proceed, You Failed to submit the comment!");
37     } else {
38         System.out.println("Thank you for submitting your comment.Also Comments are moderated by GulfTalent and
39         driver.findElement(By.xpath("//[@id='main-block']/div[2]/div[6]/div[2]/div[1]/div[1]/div[2]/a")).click()
40     }
41     // Assert that the update password is successful; if false an error with the message "Password update failed.
42     Assert.assertTrue(postunSuccess, "Password update failed.");
43 }
44
45 }
46
47
48
49

Suite
Total tests run: 3, Failures: 0, Skips: 0
=====

```

• Summary result



```

<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE suite SYSTEM "http://testing.org/testng-1.0.dtd">
<suite name="Suite">
<test name="Test">
<classes>
<class name="ViewArticle_Comment_SubscribetoReceive.Start"/>
<class name="ViewArticle_Comment_SubscribetoReceive.View_Article"/>
<class name="ViewArticle_Comment_SubscribetoReceive.postcomment"/>
<class name="ViewArticle_Comment_SubscribetoReceive.SubscribeToReceiveSimilarArticle"/>
</classes>
</test>
</suite> <!-- Suite -->

```

8. Change password positive (AssertTrue()).

• Report

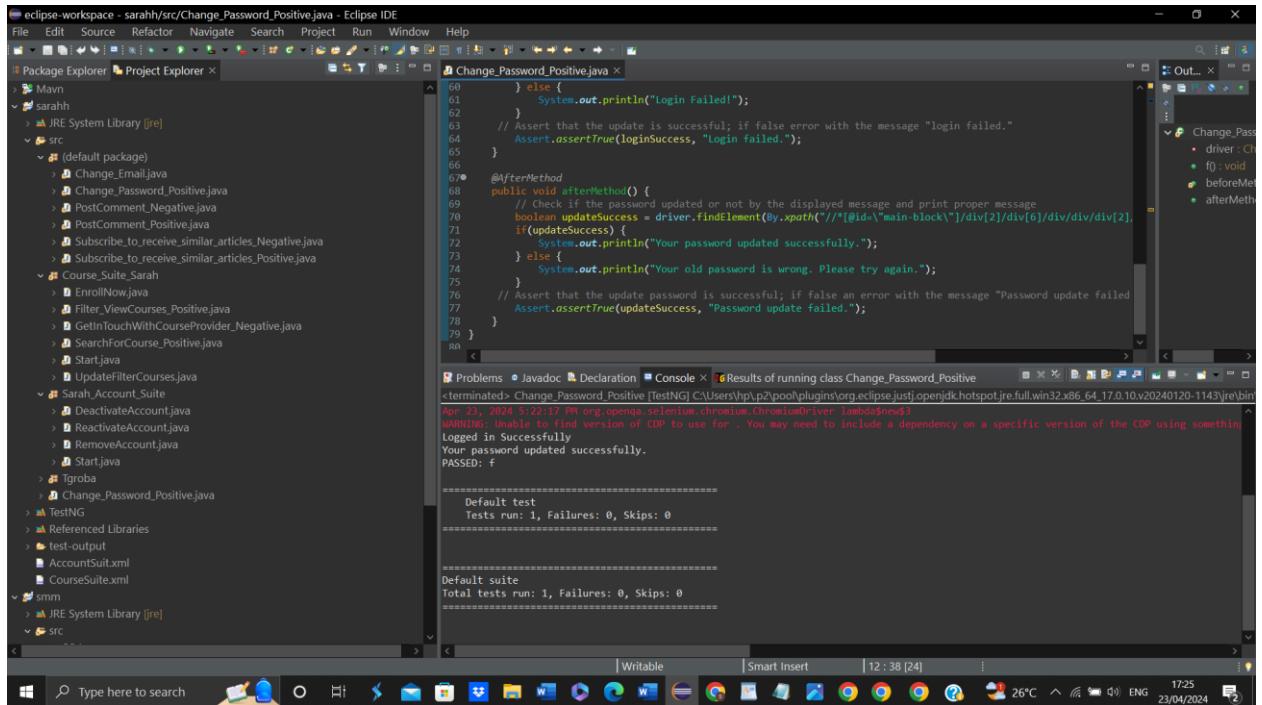
Test	# Passed	# Skipped	# Failed	Time (ms)	Included Groups	Excluded Groups
Default suite						
Default test	1	0	0	23,259		
Default suite						
Default test — passed						
Change_Password_Positive	1			1713885739798	18140	

Default test

Change_Password_Positive#

[back to summary](#)

• Console



eclipse-workspace - sarahh/src/Change_Password_Positive.java - Eclipse IDE

```

60         } else {
61             System.out.println("Login Failed!");
62         }
63     // Assert that the update is successful; if false error with the message "login failed."
64     Assert.assertTrue(loginSuccess, "Login failed.");
65 }
66
67 * @AfterMethod
68 public void afterMethod() {
69     // Check if the password updated or not by the displayed message and print proper message
70     boolean updateSuccess = driver.findElement(By.xpath("//[@id='main-block']/div[2]/div[6]/div/div[2]")).isDisplayed();
71     if(updateSuccess) {
72         System.out.println("Your password updated successfully.");
73     } else {
74         System.out.println("Your old password is wrong. Please try again.");
75     }
76     // Assert that the update password is successful; if false an error with the message "Password update failed"
77     Assert.assertTrue(updateSuccess, "Password update failed.");
78 }
79 }
80

```

Problems Javadoc Declaration Console Results of running class Change_Password_Positive

Apr 23, 2024, 5:22:17 PM org.openqa.selenium.chrome.ChromeDriver.setWebDriver(newDriver)

WARNING: Unable to find version of CDP to use for . You may need to include a dependency on a specific version of the CDP using something like: `implementation 'com.google.cloud:cdp:0.1.0'`

Logged in Successfully

Your password updated successfully.

PASSED: f

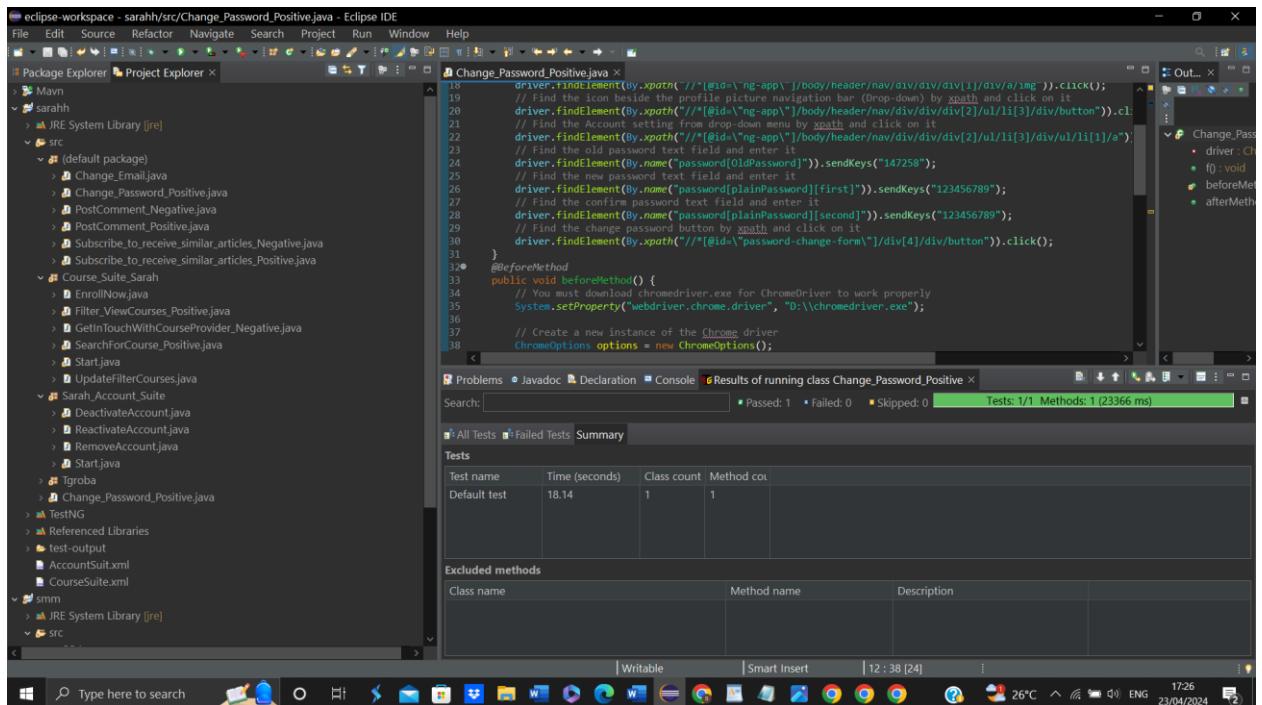
Default test

Tests run: 1, Failures: 0, Skips: 0

Default suite

Total tests run: 1, Failures: 0, Skips: 0

• Summary result



eclipse-workspace - sarahh/src/Change_Password_Positive.java - Eclipse IDE

```

17 * @Test
18 public void changePassword() {
19     // Find the icon beside the profile picture navigation bar (drop-down) by xpath and click on it
20     driver.findElement(By.xpath("//[@id='ng-app']//body/header/nav/div/div/div[1]/div/img")).click();
21     // Find the Account setting from drop-down menu by xpath and click on it
22     driver.findElement(By.xpath("//[@id='ng-app']//body/header/nav/div/div/div[2]/ul/li[3]/div/button")).click();
23     // Find the old password text field and enter it
24     driver.findElement(By.name("password[OldPassword]")).sendKeys("147258");
25     // Find the new password text field and enter it
26     driver.findElement(By.name("password[plainPassword][first]")).sendKeys("123456789");
27     // Find the confirm password text field and enter it
28     driver.findElement(By.name("password[plainPassword][second]")).sendKeys("123456789");
29     // Find the change password button by xpath and click on it
30     driver.findElement(By.xpath("//[@id='password-change-form']//div[4]/div/button")).click();
31 }
32 * @AfterMethod
33 public void beforeMethod() {
34     // You must download chromedriver.exe for ChromeDriver to work properly
35     System.setProperty("webdriver.chrome.driver", "D:\\chromedriver.exe");
36
37     // Create a new instance of the Chrome driver
38     ChromeOptions options = new ChromeOptions();

```

Problems Javadoc Declaration Console Results of running class Change_Password_Positive

Search: Passed: 1 Failed: 0 Skipped: 0 Tests: 1/1 Methods: 1 (2336 ms)

All Tests Failed Tests Summary			
Tests			
Test name	Time (seconds)	Class count	Method count
Default test	18.14	1	1

Excluded methods

Class name	Method name	Description

9. Change password negative (AssertTrue()).

• Report

Test	# Passed	# Skipped	# Failed	Time (ms)	Included Groups	Excluded Groups
Default suite						
Default test	1	0	0	22,419		
Default suite						
Class	Method	Start	Time (ms)			
Default suite						
Default test — passed						
Change_Password_Negative	1	1713886549095	15015			

Default test

Change_Password_Negative#f

[back to summary](#)

- Console

The screenshot shows the Eclipse IDE interface with the following details:

- Project Explorer:** Displays the project structure with packages like sarah, src, and AccountSuite.
- Code Editor:** Shows two Java files: Change_Password_Positive.java and Change_Password_Negative.java. The code includes assertions for login success/failure and password update success/failure.
- Console:** Displays the output of the test execution:

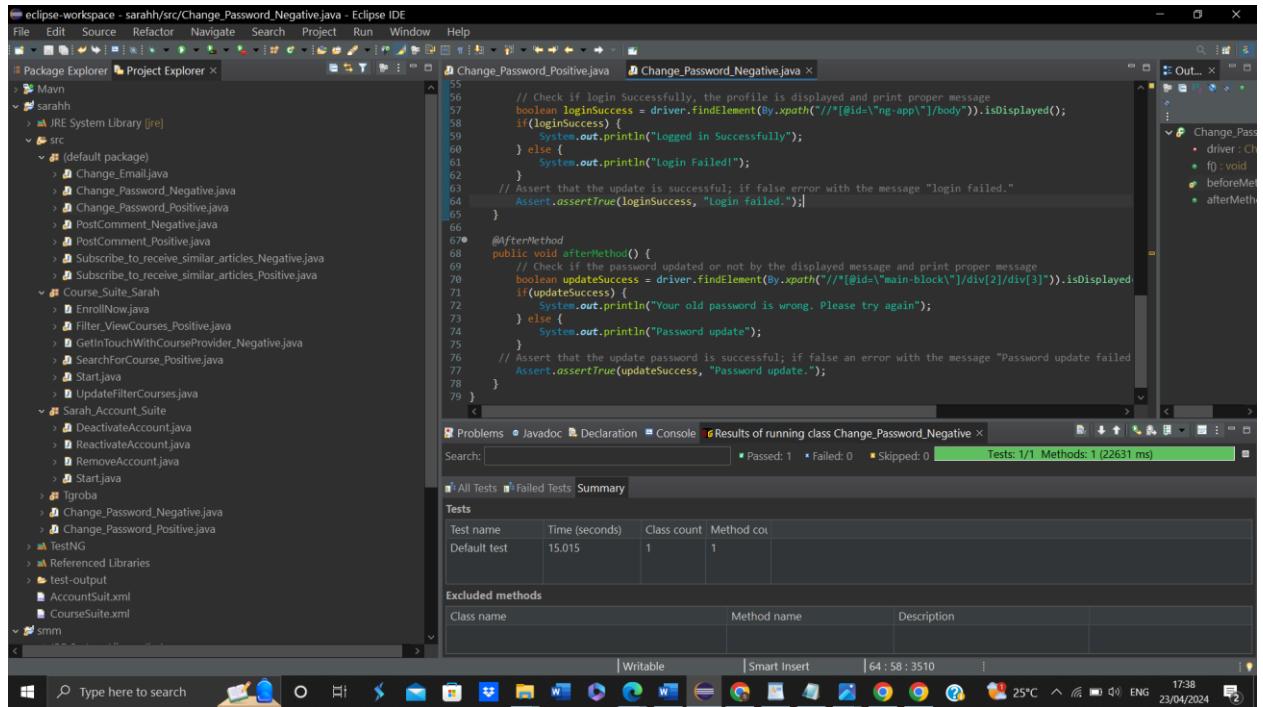
```
Logged in Successfully
Your old password is wrong. Please try again
PASSED: f
```
- TestNG Results:** Shows the execution summary:

```
Default test
Tests run: 1, Failures: 0, Skips: 0
```



```
Default suite
Total tests run: 1, Failures: 0, Skips: 0
```
- Bottom Status Bar:** Shows the current time as 17:37 and the date as 23/04/2024.

- Summary result



```

eclipse-workspace - sarahh/src/Change_Password_Negative.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer Project Explorer Change_Password_Positive.java Change_Password_Negative.java
55 // Check if login Successfully, the profile is displayed and print proper message
56 boolean loginSuccess = driver.findElement(By.xpath("//*[@id='ng-app']/body")).isDisplayed();
57 if(loginSuccess) {
58     System.out.println("Logged in Successfully");
59 } else {
60     System.out.println("Login Failed!");
61 }
62 // Assert that the update is successful; if false error with the message "Login failed."
63 Assert.assertTrue(loginSuccess, "Login failed.");
64
65
66
67 @AfterMethod
68 public void afterMethod() {
69     // Check if the password updated or not by the displayed message and print proper message
70     boolean updateSuccess = driver.findElement(By.xpath("//*[@id='main-block']/div[2]/div[3]")).isDisplayed();
71     if(updateSuccess) {
72         System.out.println("Your old password is wrong. Please try again");
73     } else {
74         System.out.println("Password update");
75     }
76     // Assert that the update password is successful; if false an error with the message "Password update failed"
77     Assert.assertTrue(updateSuccess, "Password update.");
78 }

```

Problems Javadoc Declaration Console Results of running class Change_Password_Negative.x Tests: 1/1 Methods: 1 (22631 ms)

All Tests Failed Tests Summary

Tests

Test name	Time (seconds)	Class count	Method count
Default test	15.015	1	1

Excluded methods

Class name	Method name	Description

Writable Smart Insert 64 : 58 : 3510 17:38 25°C ENG 23/04/2024

10. Change email positive (AssertTrue()).

- Report

Test	# Passed	# Skipped	# Failed	Time (ms)	Included Groups	Excluded Groups
Default suite						
Default test	1	0	0	33,048		
Default suite						
Default test — passed						
Change_Email	1			24517		

Default test

Change_Email#1

[back to summary](#)

- Console

The screenshot shows the Eclipse IDE interface with the following details:

- File Menu:** File, Edit, Source, Refactor, Navigate, Search, Project, Run, Window, Help.
- Project Explorer:** Shows the project structure with packages like `sarah`, `src`, `Course_Suite_Sarah`, `Sarah_Account_Suite`, and `smm`. Under `src`, there are multiple Java files including `Change_Email.java`.
- Code Editor:** The main editor window displays `Change_Email.java` containing Selenium test code for changing email. It includes imports for `org.openqa.selenium.By`, `org.openqa.selenium.WebDriver`, and `org.openqa.selenium.WebElement`. The code uses `WebDriver` to interact with a web application, specifically targeting elements with IDs like `#email` and `#change-email-form`.
- Output View:** Shows the execution results of the test. It includes:
 - TestNG output:
 - Started: <Time>
 - TestNG C:\Users\hp.p2\workspace\smm\src\test\java\smm\AccountSuite.java
 - Passed: f
 - Default test:
 - Tests run: 1, Failures: 0, Skips: 0
 - Default suite:
 - Total tests run: 1, Failures: 0, Skips: 0
- Bottom Bar:** Includes icons for file operations, search, and system status.

- **Summary result**

The screenshot shows the Eclipse IDE interface with the following details:

- File Structure (Project Explorer):** The project is named "sarahs/src". It contains several Java files under the "src" folder, including "Change_Email.java", "Change_Password_Positive.java", "Change_Password_Negative.java", "PostComment_Positive.java", "PostComment_Negative.java", "Subscribe_to_receive_similar_articles_Positive.java", "Subscribe_to_receive_similar_articles_Negative.java", "Course_Suite_Sarah.java", "EnrollNowJava.java", "Filter_Courses_Positive.java", "GetInTouchWithCourseProvider_Negative.java", "SearchForCourse_Positive.java", "Start.java", "UpdateFilterCourses.java", "Sarah_Account_Suite.java", "DeactivateAccountJava.java", "ReactiveAccountJava.java", "RemoveAccount.java", "StartJava.java", "Tgropa.java", "Change_Password_Negative.java", and "Change_Password_Positive.java". There are also "JRE System Library [jre]", "Testing", "Referenced Libraries", "test-output", "AccountSuite.xml", and "CourseSuite.xml".
- Code Editor (Change_Email.java):** The code is annotated with Selenium WebDriver commands to interact with a web application. It includes methods for navigating to the home page, clicking on account settings, entering a new email address, and sending keys to the email input field.
- Test Results (Results of running class Change_Email):** The results show 1 passed test, 0 failed tests, and 0 skipped tests. The total execution time was 33239 ms.
- Bottom Status Bar:** Shows the current date (24/04/2024), time (04:01), and various system icons.

Nayera

1. Signup as course provider Negative.

• Report

Test	# Passed	# Skipped	# Failed	Time (ms)	Included Groups	Excluded Groups
Default suite						
Default test	1	0	0	114,628		
Default suite						
Default test — passed						
signup_as_courseProvider	1		1713966055828	114547		

- **Console, Summary result**

The screenshot shows the Eclipse IDE interface with the following details:

- Project Explorer:** Displays the project structure. The `src` folder contains `TestRunner.java`, `StepDefinitions3`, `SearchForJobsSteps.java`, `TestRunner.java`, `StepDefinitions4`, `SaveSteps.java`, and `TestRunner.java`. The `src/test/resources` folder contains `Features` (with `login.feature`), `Features1` (with `courseprovider.feature`), `Features2` (with `BuyRecruitment.feature`), `Features3` (with `searchForJob.feature`), `Features4` (with `savesearch.feature`), and `Features5` (with `searchForJob.feature`). The `nayera_test` folder contains `JRE System Library [jdk-22]`, `Maven Dependencies`, `src`, `target`, and `pom.xml`.
- Code Editor:** Shows Java code for `signup_as_courseProvider` using Selenium WebDriver with Chrome options.
- Console:** Displays test results:
 - Default test: Tests run: 1, Failures: 0, Skips: 0
 - Default suite: Total tests run: 1, Failures: 0, Skips: 0
- Results:** Shows the results of running the class `signup_as_courseProvider`. It lists 1 passed test, 0 failed tests, and 0 skipped tests. The total execution time is 114758 ms.
- Failure Exception:** An error message is displayed: "WARNING! Unable to find version of CDP to use for . You may need to include a dependency on the CDP library." It also states "Failed! Cannot sign up as a course provider successfully." with a status of "PASSED: f".

2. Buy recruiting solution positive.

- Report

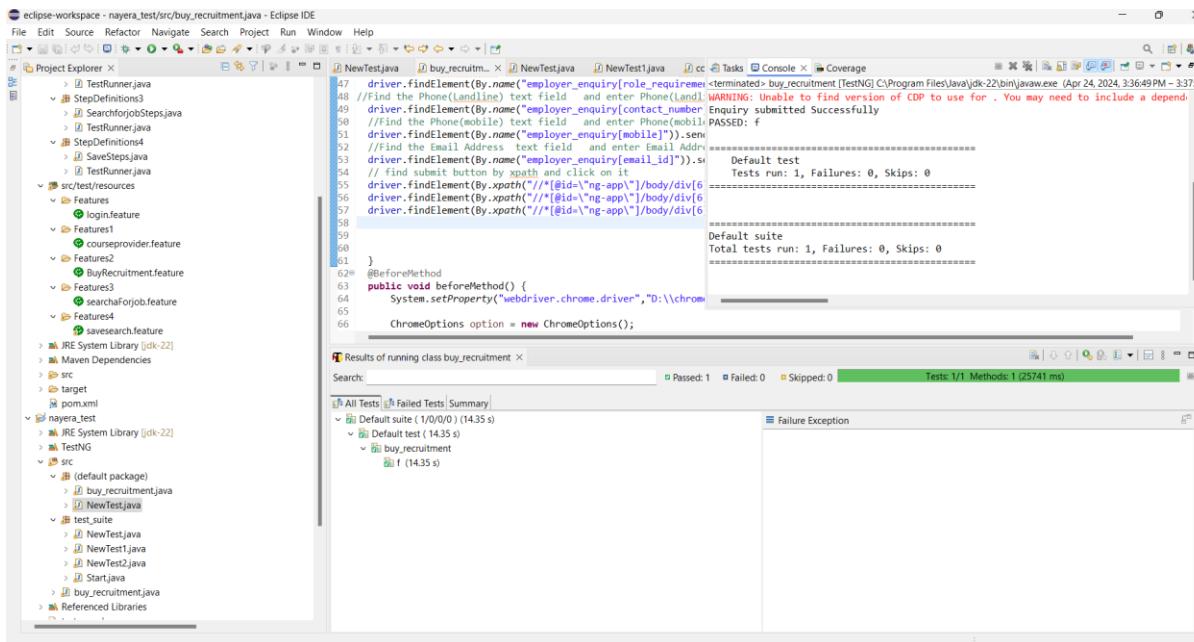
Test	# Passed	# Skipped	# Failed	Time (ms)	Included Groups	Excluded Groups
Default suite						
Default test	1	0	0	25,630		
Class Method Start Time (ms)						
Default suite						
Default test — passed						
buy_recruitment	1	0	0	1713965821933	14350	

Default test

```
buy_recruitment#f
```

[back to summary](#)

- Console, Summary result.



The screenshot shows the Eclipse IDE interface with the following components visible:

- Project Explorer:** Shows the project structure with packages like StepDefinitions, TestRunner, Features, and a src/test/resources folder containing feature files.
- Java Editor:** Displays the code for a Java class named `NewTest.java`. The code includes Selenium WebDriver code for interacting with a web application, specifically targeting elements related to employer enquiry forms.
- Test Results View:** Shows the execution results for the `buy_recruitment` test. It indicates 1 test run, 0 failures, and 0 skips. The total time taken was 143.50 seconds.

3. Job suite (Search, save this search, remove)

- Report

Test	# Passed	# Skipped	# Failed	Time (ms)	Included Groups	Excluded Groups
Suite						
Test	3	0	0	39,826		
Class Method Start Time (ms)						
Suite						
Test — passed						
test_suite.Remove_searchedJob	I			1713972160560	8945	
test_suite.save_searchedJobs	I			1713972153797	6736	
test_suite.searchForJob	I			1713972129711	24058	

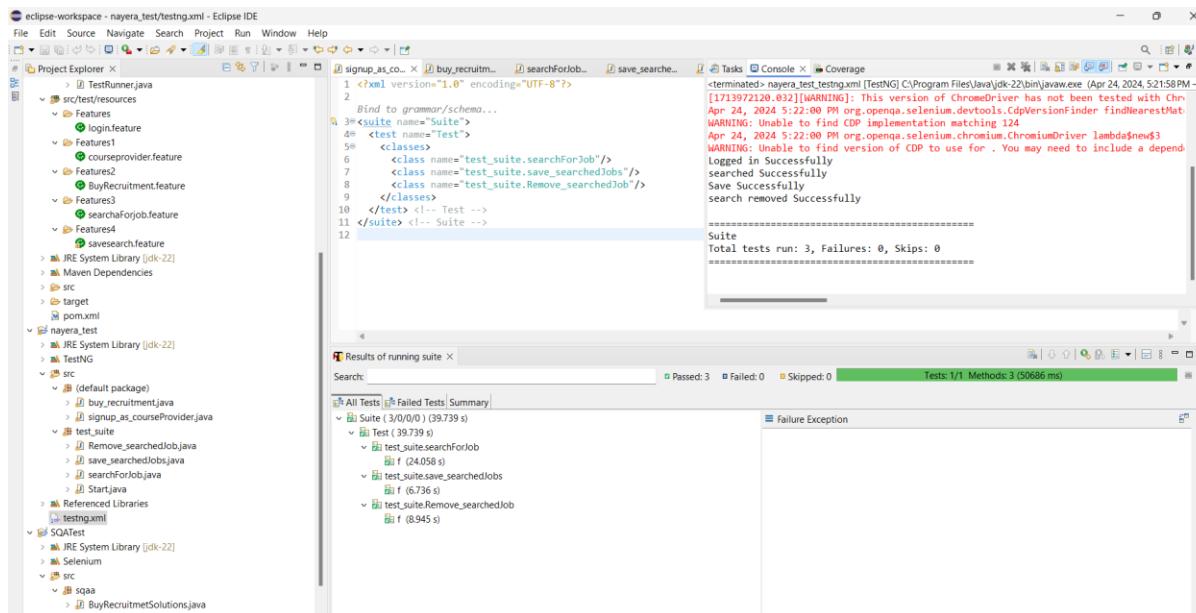
Test

test_suite.Remove_searchedJob#
[back to summary](#)

test_suite.save_searchedJobs#
[back to summary](#)

test_suite.searchForJob#
[back to summary](#)

- Console, Summary result.



eclipse-workspace - nayera_test/testng.xml - Eclipse IDE

File Edit Source Navigate Search Project Run Window Help

Project Explorer X

src/test/resources

- Features
- login.feature
- Features1
- courseprovider.feature
- Features2
- BuyRecruitment.feature
- Features3
- searchaforjob.feature
- Features4
- savesearch.feature

JRE System Library [jdk-22]

Maven Dependencies

src

target

pom.xml

nayera_test

JRE System Library [jdk-22]

TestNG

src

(default package)

buy_recruitment.java

signup_as_courseProvider.java

test_suite

Remove_searchedJob.java

save_searchedJobs.java

searchForJob.java

StartJava

Referenced Libraries

testngxml

SOATest

JRE System Library [jdk-22]

Selenium

src

stqa

BuyRecruitmentSolutions.java

Tasks X Console X Coverage

<Terminated> : nayera_test/testng.xml [TestNG] C:\Program Files\Java\jdk-22\bin\java.exe (Apr 24, 2024, 5:21:58 PM) [1713972120, 8945] [WARNING]: This version of ChromeDriver has not been tested with Chr... Apr 24, 2024 5:22:00 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMat... WARNING: Unable to find CDP implementation matching 124 Apr 24, 2024 5:22:00 PM org.openqa.selenium.chromium.ChromiumDriver lambda\$new\$3 WARNING: Unable to find version of CDP to use for . You may need to include a depend... Logged in Successfully searched Successfully Save Successfully search removed Successfully

=====

Suite

Total tests run: 3, Failures: 0, Skips: 0

=====

Results of running suite X

Search: Passed: 3 Failed: 0 Skipped: 0 Tests: 1/1 Methods: 3 (50686 ms)

All Tests Failed Tests Summary

- All Tests (3/0/0) (59.739 s)
 - Test (39.739 s)
 - test_suite.searchForJob
 - f (24.058 s)
 - test_suite.save_searchedJobs
 - f (6736 s)
 - test_suite.Remove_searchedJob
 - f (8.945 s)

Failure Exception

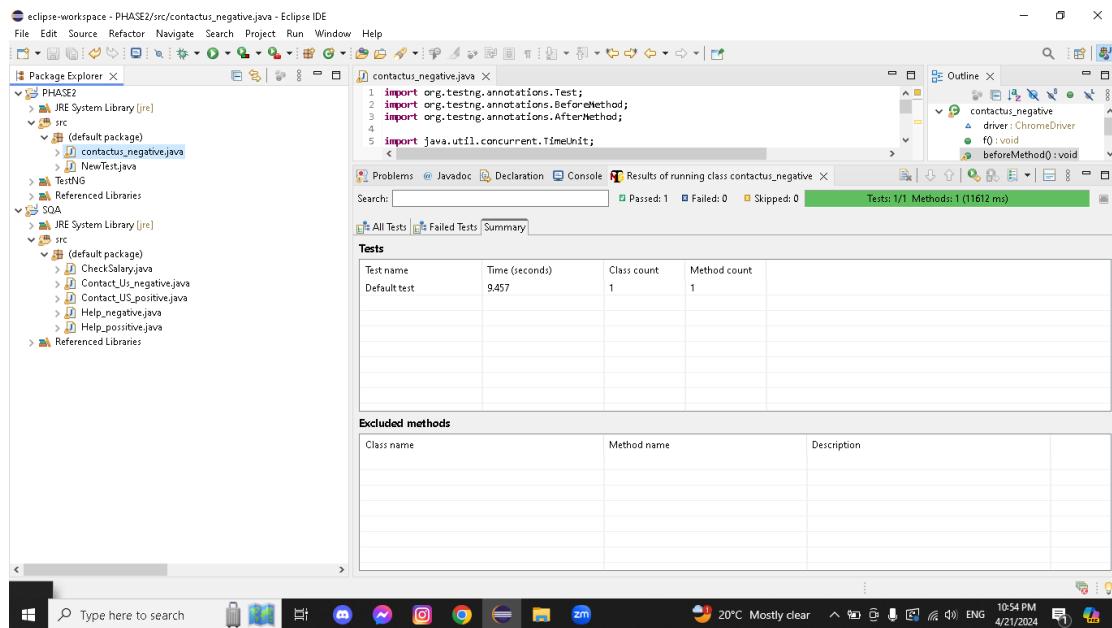
Kareem

1. Contact us negative.

• Report

Test	# Passed	# Skipped	# Failed	Time (ms)	Included Groups	Excluded Groups			
Default suite									
Default test	1	0	0	26,059					
Class	Method	Start	Time (ms)						
Default suite									
Default test — passed									
contactus_negative	test	1713876079828	24659						

- **Summary result**



2. Help positive.

• Report

Test	# Passed	# Skipped	# Failed	Time (ms)	Included Groups	Excluded Groups			
Default suite									
Default test	0	0	1	25,969					
Class	Method	Start	Time (ms)						
Default suite									
Default test — failed (configuration methods)									
help_postview	afterMethod	1713876384217	0						
Default test — failed									
help_postview	I	171387638279	25926						

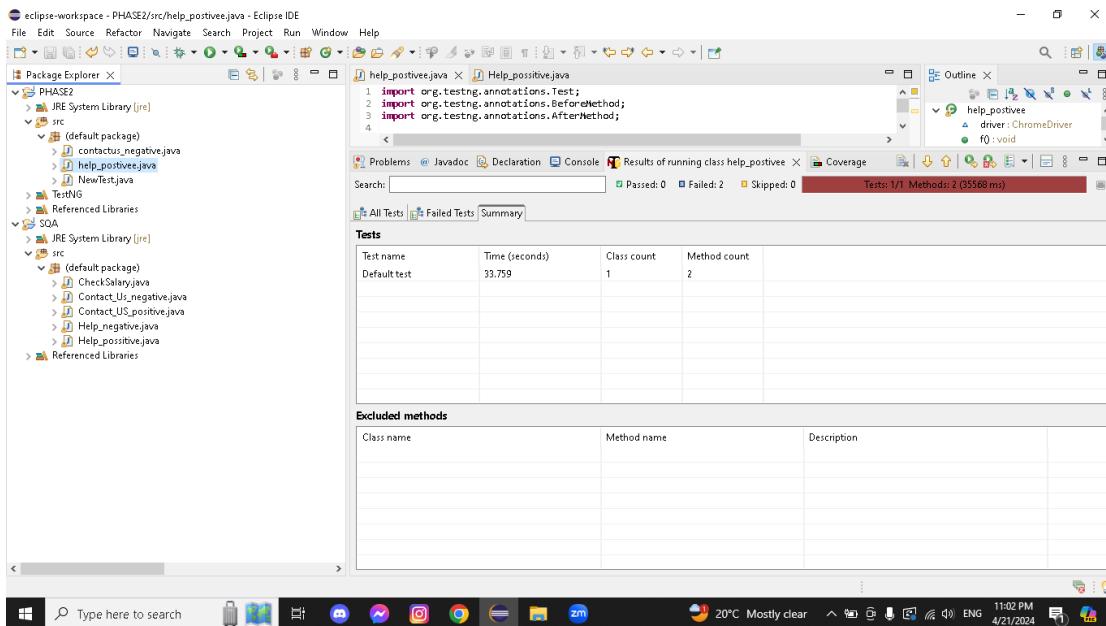
Default test

help_positive#afterMethod

```
Exception  
java.lang.NullPointerException: Cannot invoke "org.openqa.selenium.chrome.ChromeDriver.findElement(org.openqa.selenium.By)" because "this.driver" is null  
at help_positive.afterMethod(help_positive.java:156)  
at java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke0(Native Method)  
at java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:77)  
at java.base/jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)  
at java.base/java.lang.reflect.Method.invoke(Method.java:568)  
at org.testng.internal.MethodInvocationHelper.invokeMethod(MethodInvocationHelper.java:108)  
at org.testng.internal.Invoker.invokeConfigurationMethod(Invoker.java:523)  
at org.testng.internal.Invoker.invokeConfigurations(Invoker.java:224)  
at org.testng.internal.Invoker.invokeConfigurations(Invoker.java:723)  
at org.testng.TestRunner.invokeConfigurations(TestRunner.java:868)  
at org.testng.TestRunner.invokeTestMethods(TestRunner.java:1193)  
at org.testng.TestMethodWorker.invokeTestMethods(TestMethodWorker.java:126)  
at org.testng.TestMethodWorker.run(TestMethodWorker.java:109)
```

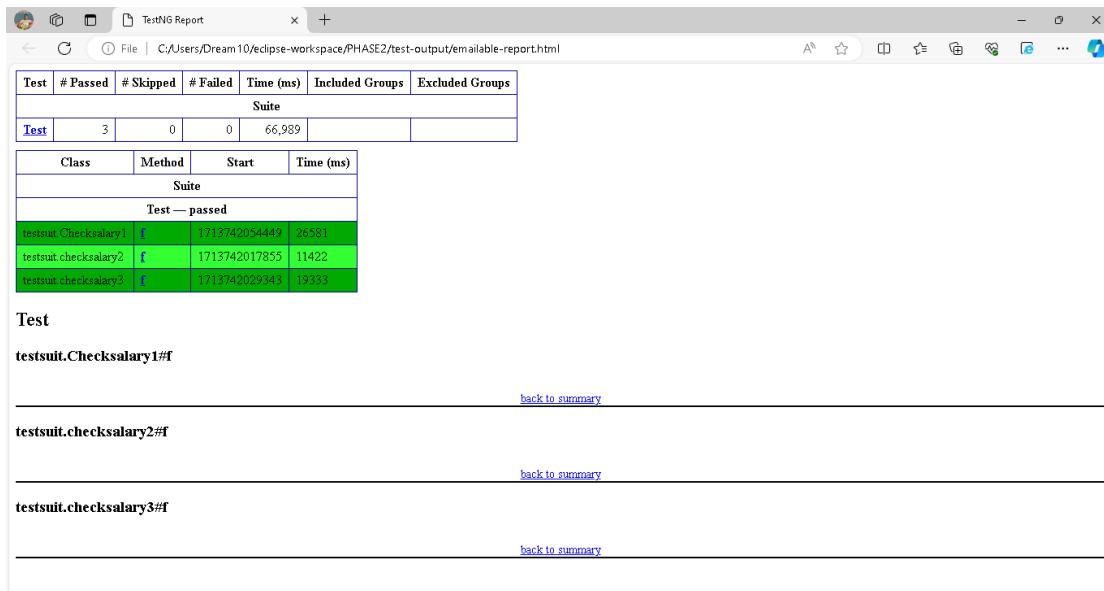


- **Summary result**



3. Salary suite.

- Report



Test	# Passed	# Skipped	# Failed	Time (ms)	Included Groups	Excluded Groups
Suite						
Test	3	0	0	66,989		

Class	Method	Start	Time (ms)
Suite			
Test — passed			
testsuit.Checksalary1	f	1713742054449	26581
testsuit.Checksalary2	f	1713742017855	11422
testsuit.Checksalary3	f	1713742029343	19333

Test

testsuit.Checksalary1#f

[back to summary](#)

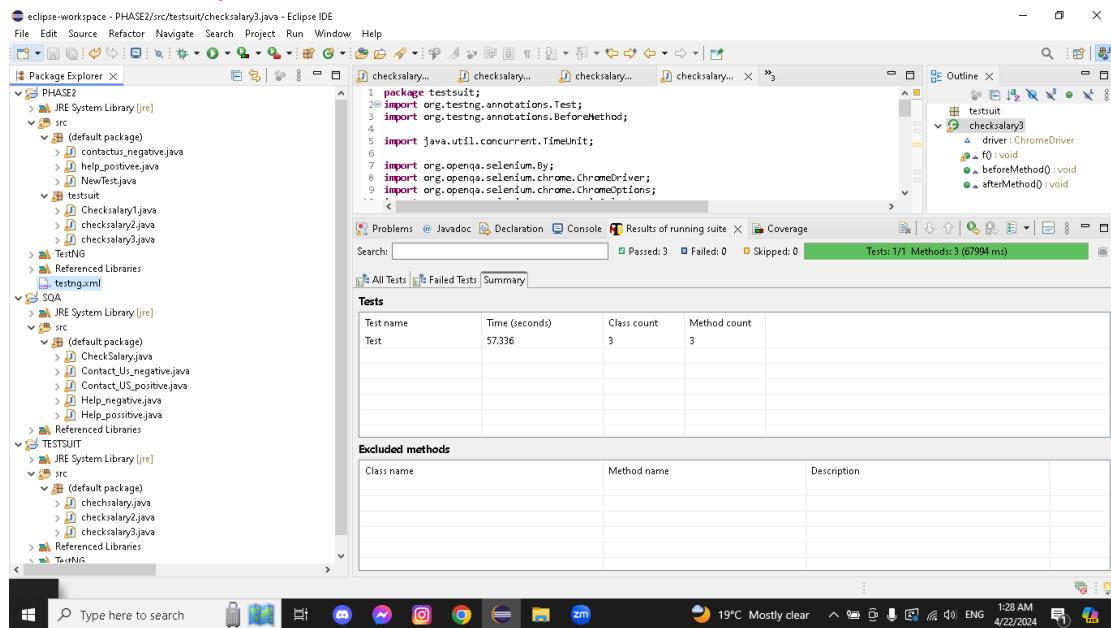
testsuit.Checksalary2#f

[back to summary](#)

testsuit.Checksalary3#f

[back to summary](#)

- Summary result



eclipse-workspace - PHASE2/src/testsuite/checksalary3.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer X

PHASE2

JRE System Library [jre]

src

(default package)

ContactUs_negative.java

Help_positive.java

NewTest.java

testsuit

Checksalary1.java

Checksalary2.java

Checksalary3.java

TESTING

Referenced Libraries

testing.xml

src

(default package)

CheckSalary.java

ContactUs_negative.java

Contact_US_positive.java

Help_negative.java

Help_positive.java

Referenced Libraries

TESTSUIT

JRE System Library [jre]

src

(default package)

checksalary1.java

checksalary2.java

checksalary3.java

Referenced Libraries

Results of running suite

Passed: 3 Failed: 0 Skipped: 0 Tests: 1/1 Methods: 3 (67994 ms)

All Tests Failed Tests Summary

Tests

Test name	Time (seconds)	Class count	Method count
Test	57.336	3	3

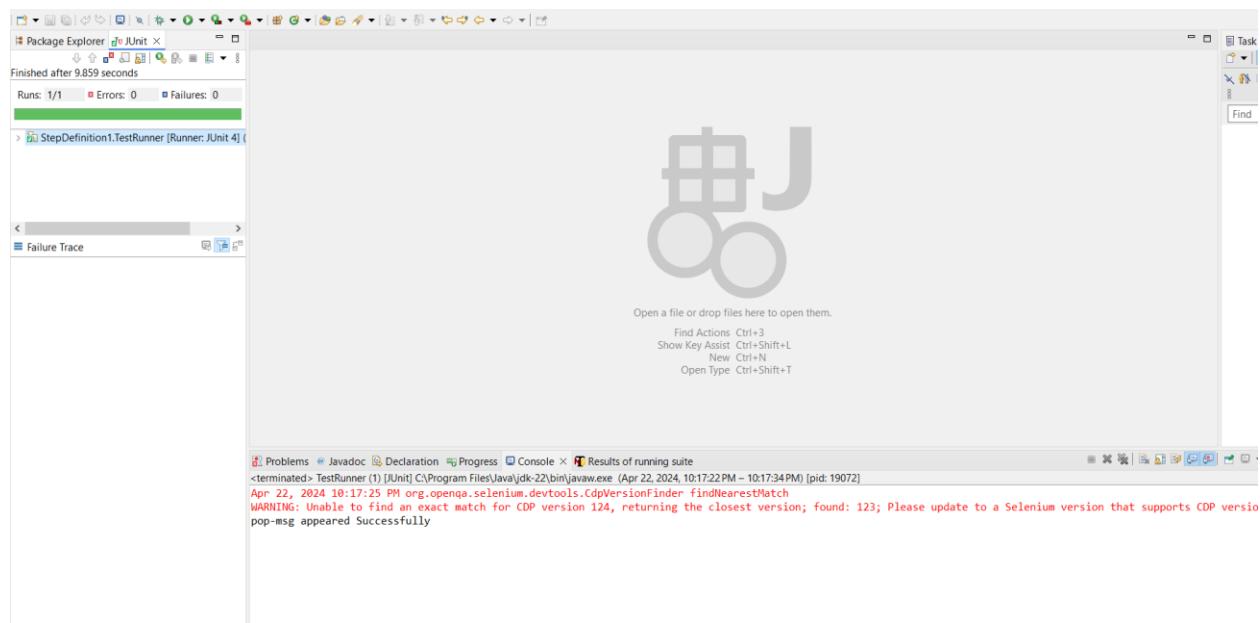
Excluded methods

Class name	Method name	Description

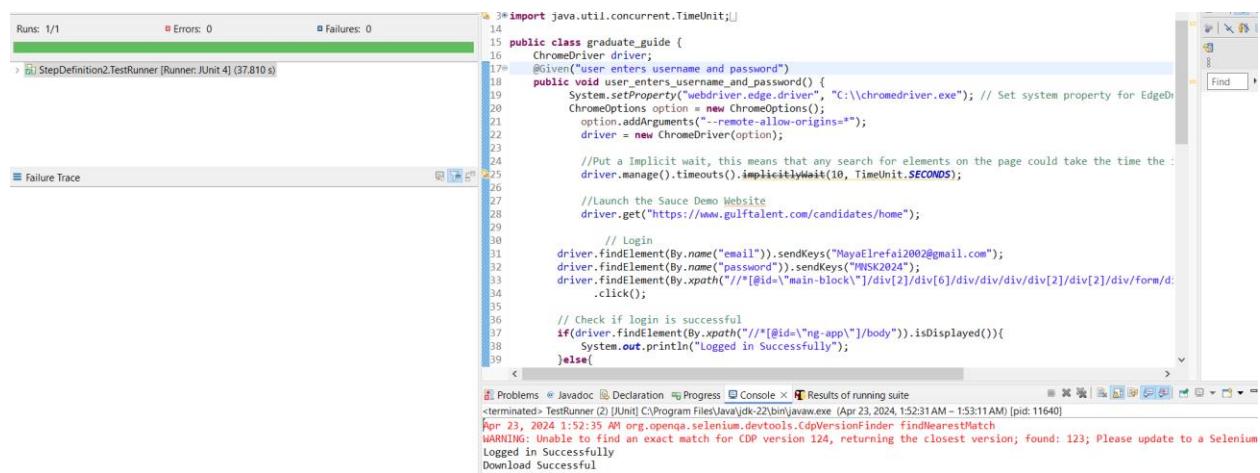
1.4 Cucumber

Maya

1. CV database search



2. Graduate guide



3. Build CV

The screenshot shows the Eclipse IDE interface with the following details:

- Package Explorer:** Shows a JUnit project named "StepDefinition3". It has 1 run, 1 error, and 0 failures.
- Editor:** Displays the file "TestRunner.java" containing Java code for a Cucumber test runner. The code includes imports for JUnit and Cucumber, annotations forRunWith and CucumberOptions, and a public class TestRunner definition.
- Failure Trace:** A detailed stack trace for an ElementClickInterceptedException. It specifies the element ID (4310d89a8cd88e9493a84e03ba5f), session information (chrome=124.0.6367.60), build information (version: 4.19.1, revision: abe007), system information (os.name: Windows 10, os.arch: amd64), driver information (org.openqa.selenium.chrome.ChromeDriver), command details (acceptInsecureCerts: false, browserName: chrome, host: localhost:57270), network connection (networkConnectionEnabled: true), implicit wait (implicit: 0), page load (pageLoad: 300000), script execution (script: 30000), and indicators (true).
- Problems View:** Shows a warning message: "WARNING: Unable to find an exact match for CDP version 124, returning the closest version; found: 123; Please update to a Selenium version that supports CDP 124".

4. Edit CV

Runs: 1/1 Errors: 1 Failures: 0

✓ StepDefinition4.TestRunner [Runner: JUnit 4] (28.701 s)

✗ testing the edit in the cv (28.701 s)

✗ edit the experience part (28.701 s)

Failure Trace

```
4 org.openqa.selenium.ElementClickInterceptedException: element click intercepted: Element <div> at<div>
iv class="text-right"></div>
(Session info: chrome=124.0.6367.60)
Build info: version: '4.19.1', revision: 'ab6ee07dc'
System info: os.name: 'Windows 10', os.arch: 'amd64', os.version: '10.0', java.version: '22'
Driver info: org.openqa.selenium.chrome.ChromeDriver
Command: [61649b6cf7cae222b79904e496cc3, clickElement {id=A4B5C02997481B3DDA6496C3]
Capabilities {acceptInsecureCerts: false, browserName: chrome, browserVersion: 124.0.6367.60, chrome: localHost50504, networkConnectionEnabled: false, pageLoadStrategy: normal, platformName: (implicit), platformVersion: 300000, script: 30000, unhandledPromptBehavior: dismiss and notify, webauthn: true}
Element: [[ChromeDriver: chrome on windows (61649b6cf7cae222b79904e496cc3)] -> xpath: //*[id="61649b6cf7cae222b79904e496cc"]]

at java.base/java.lang.reflect.Constructor.newInstanceWithCaller(Constructor.java:502)
at java.base/java.lang.reflect.Constructor.newInstance(Constructor.java:486)
at org.openqa.selenium.remote.ErrorCodec.decodeError(ErrorCodec.java:167)
at org.openqa.selenium.remote.RemoteWebDriver.execute(RemoteWebDriver.java:333)
at org.openqa.selenium.remote.codec.w3c.W3CHttpResponseCodec.execute(W3CHttpResponseCodec.java:104)
at org.openqa.selenium.remote.codec.w3c.W3CHttpResponseCodec.decode(W3CHttpResponseCodec.java:76)
at org.openqa.selenium.remote.HttpCommandExecutor.execute(HttpCommandExecutor.java:180)
at org.openqa.selenium.remote.service.DriverCommandExecutor.invokeExecute(DriverCommandExecutor.java:83)
at org.openqa.selenium.remote.service.DriverCommandExecutor.execute(DriverCommandExecutor.java:79)
at org.openqa.selenium.remote.RemoteWebDriver.execute(RemoteWebDriver.java:518)
at org.openqa.selenium.remote.RemoteWebElement.execute(RemoteWebElement.java:233)

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//Launch the Sauce Demo Website
driver.get("https://www.gultalent.com/candidates/home");

// Login
driver.findElement(By.name("email")).sendKeys("MayaElrefai2002@gmail.com");
driver.findElement(By.name("password")).sendKeys("MSK2024");
driver.findElement(By.xpath("//*[id='main-block']//div[2]/div[6]/div/div/div[2]/div[2]/div/form"));

// Check if login is successful
if(driver.findElement(By.xpath("//*[id='ng-app']/body")).isDisplayed()){
    System.out.println("Logged in Successfully");
} else{
    System.out.println("Login Failed!");
}

}

@When("user is on CV page")
public void user_is_on_CV_page() {
    driver.findElement(By.xpath("//*[id='flash-messages-persistent']/div/div/div[1]/div"));
    driver.findElement(By.xpath("//*[id='flash-messages-persistent']/div/div/div[1]/div[2]/a"));
    //driver.get("https://www.gultalent.com/candidates/edit/cv");
}

@And("user click on edit")
public void user_click_on_edit() {
    //Find 'Edit' button in Experience and click on it
    driver.findElement(By.xpath("//*[id='work_experience']//div[21]/div/div/ul/li[1]/a")).click();
}

Problems Javadoc Declaration Progress Console Results of running suite
<terminated>TestRunner(4): U:\Unit\Java\Program Files\Java\jdk-22\bin\javaw.exe (Apr 23, 2024, 1:49:02 AM - 1:49:33 AM) [pid: 18696]
Apr 23, 2024 1:49:06 AM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find an exact match for CDP version 124, returning the closest version; found: 123; Please update to a Selenium
Logged in Successfully
```

5. Remove CV

Finished after 38.046 seconds

Runs: 1/1 Errors: 1 Failures: 0

StepDefinitionsTestRunner [Runner: JUnit 4] (37.895 s)

- testing the delete in the cv (37.895 s)
 - delete the experience part (37.895 s)

Failure Trace

```

org.openqa.selenium.ElementClickInterceptedException: element click intercepted: Element <i class="fas fa-times" /> at index 0 is not clickable at point (144, 144). Other elements on the page may prevent the user from clicking it.
Session info: chrome=124.0.6367.60
Build info: version: '4.19.1', revision: 'abe0ee07dc'
System info: os.name: 'Windows 10', os.arch: 'amd64', os.version: '10.0', java.version: '22'
Driver info: org.openqa.selenium.chrome.ChromeDriver
Command: [1bf6cb36ab4acab791a0c24354569454, clickElement {id=1BCA548CA8FE35A06548E1A146B8D9587}], networkConnectionEnabled: false, pageLoadStrategy: normal, platformName: 'localhost:49587', networkConnectionEnabled: false, pageLoadStrategy: normal, platformName: '(implicit)', pageLoad: 30000, script: 30000, unhandledPromptBehavior: dismiss and notify, webauthenticators: true
Element [ChromeDriver: chrome on windows (1bf6cb36ab4acab791a0c24354569454)] -> xpath: //*[@id='main-block']/div[2]/div[6]/div/div/div/div[2]/div/form/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]
Session ID: 1bf6cb36ab4acab791a0c24354569454
at java.base/java.lang.reflect.Constructor.newInstanceWithCaller(Constructor.java:502)
at java.base/java.lang.reflect.Constructor.newInstance(Constructor.java:486)
at org.openqa.selenium.remote.ErrorCodec.decode(ErrorCodec.java:167)
at org.openqa.selenium.remote.codec.w3c.W3CHttpResponseCodec.decode(W3CHttpResponseCodec.java:132)
at org.openqa.selenium.remote.codec.w3c.W3CHttpResponseCodec.decode(W3CHttpResponseCodec.java:122)
at org.openqa.selenium.remote.HttpCommandExecutor.execute(HttpCommandExecutor.java:190)
at org.openqa.selenium.remote.service.DriverCommandExecutor.invokeExecute(DriverCommandExecutor.java:83)
at org.openqa.selenium.remote.service.DriverCommandExecutor.execute(DriverCommandExecutor.java:518)
at org.openqa.selenium.remote.RemoteWebDriver.execute(RemoteWebDriver.java:223)

```

```

//Put a Implicit wait, this means that any search for elements on the page could take the time the :
driver.manage().timeouts().implicitlyWait(10, TimeUnit.SECONDS);

//Launch the Sauce Demo Website
driver.get("https://www.gultalent.com/candidates/home");

// Login
driver.findElement(By.name("email")).sendKeys("MayaElrefai200@gmail.com");
driver.findElement(By.name("password")).sendKeys("MSK2024");
driver.findElement(By.xpath("//*[@id='main-block']/div[2]/div[6]/div/div/div/div[2]/div/form/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]"));

// Check if login is successful
if(driver.findElement(By.xpath("//*[@id='ng-app']/body")).isDisplayed()){
    System.out.println("Logged in Successfully");
} else{
    System.out.println("Login Failed!");
}

// When user is on CV page
public void user_is_on_CV_page() {
    driver.findElement(By.xpath("//*[@id='flash-messages-persistent']/div/div/div/div[1]/div/div[2]/a"));
    //driver.get("https://www.gultalent.com/candidates/edit-cv");
}

// And user click on delete
public void user_click_on_delete() {
    // find the 'delete' button and click
    driver.findElement(By.xpath("//*[@id='work_experience']/div[2]/div/div[1]/li[2]/a/i")).click();
}

```

Problems Declaration Progress Console Results of running suite

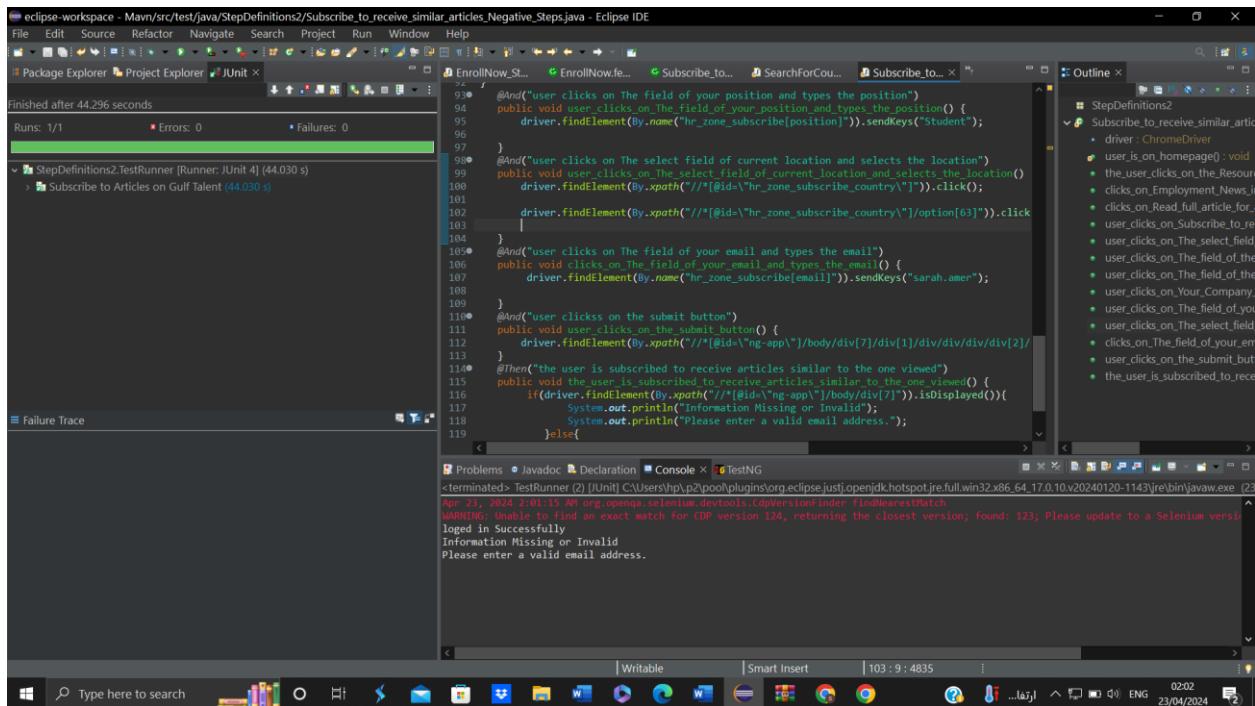
<terminated> TestRunner (5) [JUnit] C:\Program Files\Java\jdk-22\bin\java.exe (Apr 23, 2024, 1:43:00 AM – 1:43:40 AM) [pid: 21176]

Apr 23, 2024 1:43:04 AM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch

WARNING: Unable to find an exact match for CDP version 124, returning the closest version; found: 123; Please update to Logged in Successfully

Sarah

1. Subscribe to receive similar articles Negative.



```

eclipse-workspace - Maven/sr/test/java/StepDefinitions2/Subscribe_to_receive_similar_articles_Negative_Steps.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer Project Explorer JUnit X
Finished after 44.296 seconds
Runs: 1/1 Errors: 0 Failures: 0
StepDefinitions2.TestRunner [Runner: JUnit 4] (44.030 s)
  > Subscribe to Articles on Gulf Talent (44.030 s)

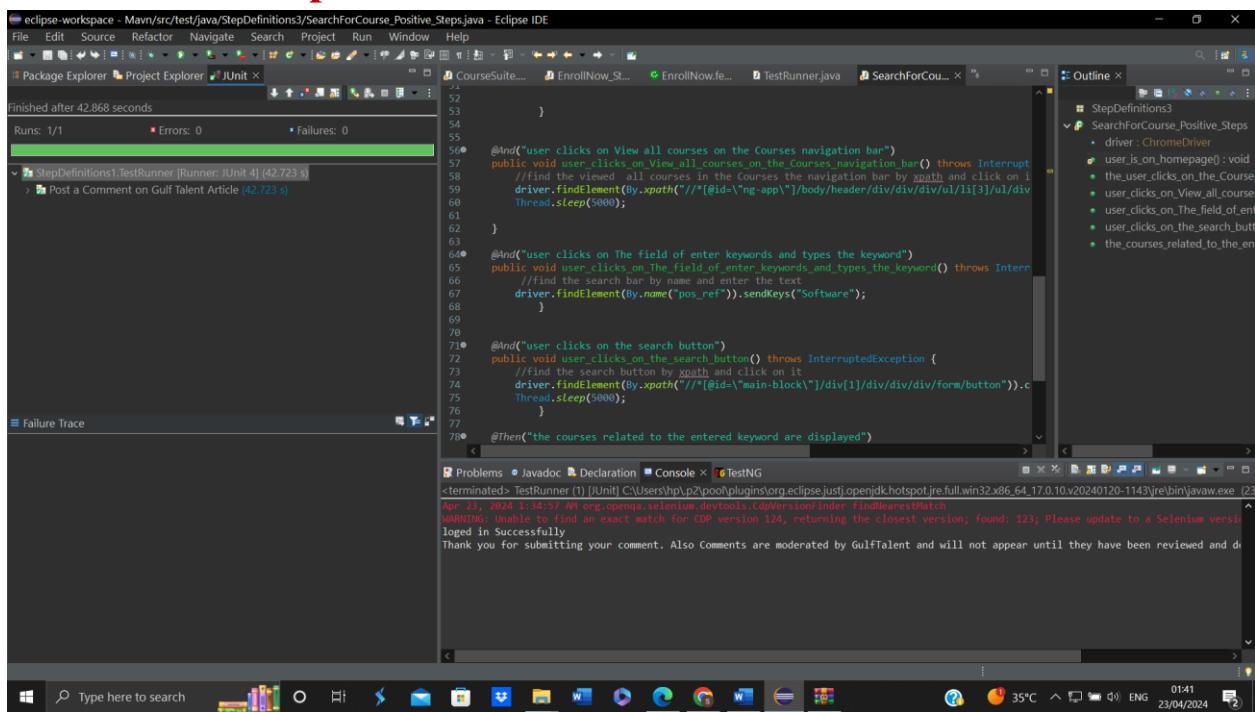
93● @And("User clicks on The field of your position and types the position")
94 public void user_clicks_on_The_field_of_your_position_and_types_the_position() {
95     driver.findElement(By.name("hr_zone_subscribe[position]")).sendKeys("Student");
96 }
97● @And("User clicks on The select field of current location and selects the location")
98 public void user_clicks_on_The_select_field_of_current_location_and_selects_the_location() {
99     driver.findElement(By.xpath("//[@id='hr_zone_subscribe[location]']")).click();
100    driver.findElement(By.xpath("//[@id='hr_zone_subscribe[location]']/option[63]")).click();
101 }
102● @And("User clicks on The field of your email and types the email")
103 public void clicks_on_The_field_of_your_email_and_types_the_email() {
104     driver.findElement(By.name("hr_zone_subscribe[email]")).sendKeys("sarah.ame");
105 }
106● @And("User clickss on the submit button")
107 public void user_clicks_on_the_submit_button() {
108     driver.findElement(By.xpath("//[@id='ng-app']/body/div[7]/div[1]/div/div/div/div[2]"));
109 }
110● @Then("the user is subscribed to receive articles similar to the one viewed")
111 public void the_user_is_subscribed_to_receive_articles_similar_to_the_one_viewed() {
112     if(driver.findElement(By.xpath("//[@id='ng-app']/body/div[7]")).isDisplayed()){
113         System.out.println("Information Missing or Invalid");
114     }else{
115         System.out.println("Please enter a valid email address.");
116     }
117 }
118● @Then("the courses related to the entered keyword are displayed")
119 public void the_courses_related_to_the_entered_keyword_are_displayed() {
120 }

Failure Trace
Problems Declaration Console TestNG
<terminated> TestRunner (2) [JUnit] C:\Users\hp.p2pool\plugins\org.eclipse.jdt.core\openjdk.hotspot.jre.full.win32.x86_64_17.0.10.v20240120-1143\jre\bin\javaw.exe (23
Apr 23, 2024 2:01:15 AM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find an exact match for CDP version 124, returning the closest version; found: 123; Please update to a Selenium versio
logged in Successfully
Information Missing or Invalid
Please enter a valid email address.

| Writable | Smart Insert | 103 : 9 : 4835 | 02:02 23/04/2024 |
Windows Type here to search

```

2. Post comment positive.



```

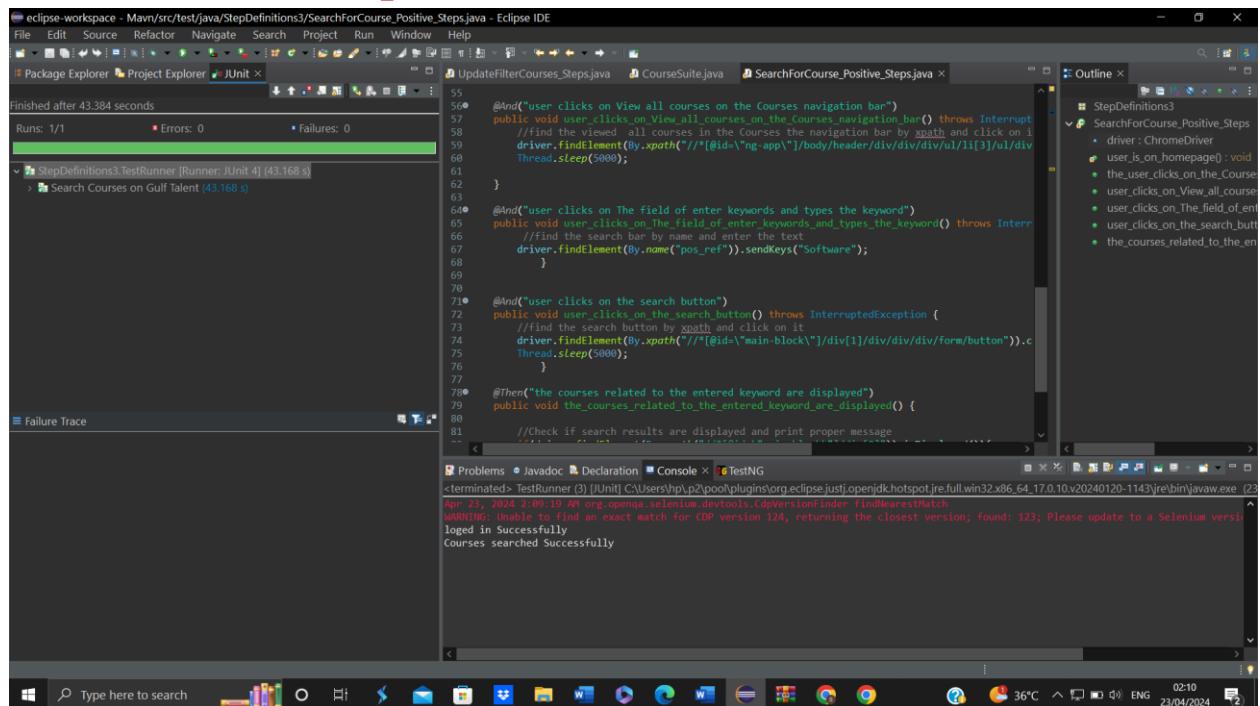
eclipse-workspace - Maven/sr/test/java/StepDefinitions3/SearchForCourse_Positive_Steps.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer Project Explorer JUnit X
Finished after 42.868 seconds
Runs: 1/1 Errors: 0 Failures: 0
StepDefinitions3.TestRunner [Runner: JUnit 4] (42.723 s)
  > Post a Comment on Gulf Talent Article (42.723 s)

51● @And("user clicks on View all courses on the Courses navigation bar")
52 public void user_clicks_on_View_all_courses_on_the_Courses_navigation_bar() throws InterruptedException {
53     //Find the viewed all courses in the Courses the navigation bar by xpath and click on it
54     driver.findElement(By.xpath("//[@id='ng-app']/body/header/div/div/div/u[1]/li[3]/ul/div"));
55     Thread.sleep(5000);
56 }
57● @And("user clicks on The field of enter keywords and types the keyword")
58 public void user_clicks_on_The_field_of_enter_keywords_and_types_the_keyword() throws InterruptedException {
59     //Find the search bar by name and enter the text
60     driver.findElement(By.name("pos_ref")).sendKeys("Software");
61 }
62● @And("user clicks on The search button")
63 public void user_clicks_on_the_search_button() throws InterruptedException {
64     //find the search button by xpath and click on it
65     driver.findElement(By.xpath("//[@id='main-block']/div[1]/div/div/form/button"));
66     Thread.sleep(5000);
67 }
68● @Then("the courses related to the entered keyword are displayed")
69 public void the_courses_related_to_the_entered_keyword_are_displayed() {
70 }

Failure Trace
Problems Declaration Console TestNG
<terminated> TestRunner (1) [JUnit] C:\Users\hp.p2pool\plugins\org.eclipse.jdt.core\openjdk.hotspot.jre.full.win32.x86_64_17.0.10.v20240120-1143\jre\bin\javaw.exe (23
Apr 23, 2024 1:34:57 AM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find an exact match for CDP version 124, returning the closest version; found: 123; Please update to a Selenium versio
logged in Successfully
Thank you for submitting your comment. Also Comments are moderated by GulfTalent and will not appear until they have been reviewed and di
01:41 23/04/2024 |
Windows Type here to search

```

3. Search for course positive.



```

eclipse-workspace - Mavn/src/test/java/StepDefinitions3/SearchForCourse_Positive_Steps.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer Project Explorer JUnit
Finished after 43.384 seconds
Runs: 1/1 Errors: 0 Failures: 0
StepDefinitions3.TestRunner [Runner: JUnit 4] (43.168 s)
  > Search Courses on Gulf Talent (43.168 s)
55
56  @And("user clicks on View all courses on the Courses navigation bar")
57  public void user_clicks_on_View_all_courses_on_the_Courses_navigation_bar() throws InterruptedException {
58      //Find the viewed all courses in the Courses navigation bar by xpath and click on it
59      driver.findElement(By.xpath("//[@id='ng-app']/body/header/div/div/ul/li[3]/ul/div"));
60      Thread.sleep(5000);
61  }
62
63
64  @And("user clicks on the Field of enter keywords and types the keyword")
65  public void user_clicks_on_The_field_of_enter_keywords_and_types_the_keyword() throws InterruptedException {
66      //Find the search bar by name and enter the text
67      driver.findElement(By.name("pos_ref")).sendKeys("Software");
68  }
69
70
71  @And("user clicks on the search button")
72  public void user_clicks_on_the_search_button() throws InterruptedException {
73      //Find the search button by xpath and click on it
74      driver.findElement(By.xpath("//[@id='main-block']/div[1]/div/div/form/button")).click();
75      Thread.sleep(5000);
76  }
77
78  @Then("the courses related to the entered keyword are displayed")
79  public void the_courses_related_to_the_entered_keyword_are_displayed() {
80
81      //Check if search results are displayed and print proper message
82  }

```

Problems Javadoc Declaration Console TestNG

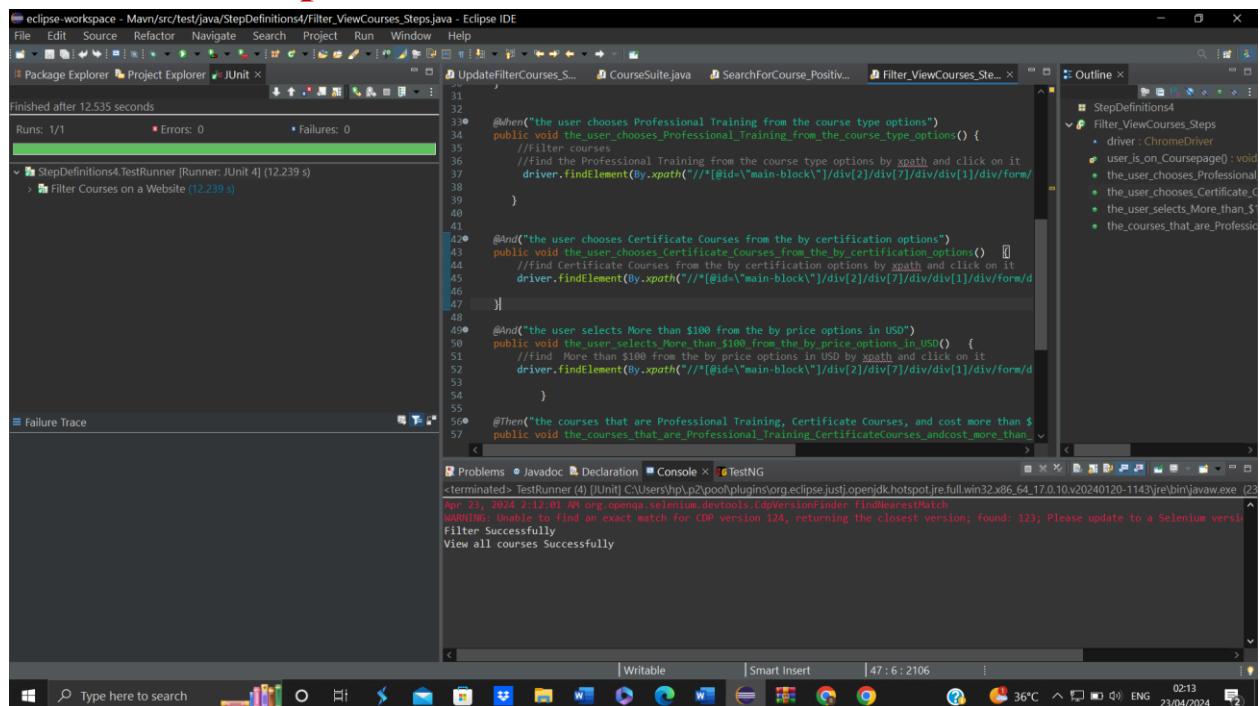
terminated: TestRunner (3) [JUnit] C:\Users\hp\p2\pool\plugins\org.eclipse.jst.junit.openjdk.hotspot.jre.full.win32x86_64_17.0.10.v20240120-1143\jre\bin\javaw.exe [23]

Apr 23, 2024 2:09:19 AM org.openqa.selenium.devtools.CdpVersionUnderFindNearestMatch Warnings: Unable to find an exact match for CDP version 124, returning the closest version; found: 123; Please update to a Selenium version

logged in successfully

Courses searched Successfully

4. Filter courses positive.



```

eclipse-workspace - Mavn/src/test/java/StepDefinitions4/Filter_ViewCourses_Steps.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer Project Explorer JUnit
Finished after 12.535 seconds
Runs: 1/1 Errors: 0 Failures: 0
StepDefinitions4.TestRunner [Runner: JUnit 4] (12.239 s)
  > Filter Courses on a Website (12.239 s)
32
33  @When("the user chooses Professional Training from the course type options")
34  public void the_user_chooses_Professional_Training_from_the_course_type_options() {
35      //Filter courses
36      //Find the Professional Training from the course type options by xpath and click on it
37      driver.findElement(By.xpath("//[@id='main-block']/div[2]/div[7]/div/div[1]/div/form/ul/li[1]/a")).click();
38  }
39
40
41  @And("the user chooses Certificate Courses from the by certification options")
42  public void the_user_chooses_Certificate_Courses_from_the_by_certification_options() {
43      //Find Certificate Courses from the by certification options by xpath and click on it
44      driver.findElement(By.xpath("//[@id='main-block']/div[2]/div[7]/div/div[1]/div/form/ul/li[2]/a")).click();
45  }
46
47
48  @And("the user selects More than $100 from the by price options in USD")
49  public void the_user_selects_More_than_$100_from_the_by_price_options_in_USD() {
50      //Find More than $100 from the by price options in USD by xpath and click on it
51      driver.findElement(By.xpath("//[@id='main-block']/div[2]/div[7]/div/div[1]/div/form/ul/li[3]/a")).click();
52  }
53
54
55  @Then("the courses that are Professional Training, Certificate Courses, and cost more than $100 are displayed")
56  public void the_courses_that_are_Professional_Training_CertificateCourses_andcost_more_than_100_are_displayed() {
57
58  }

```

Problems Javadoc Declaration Console TestNG

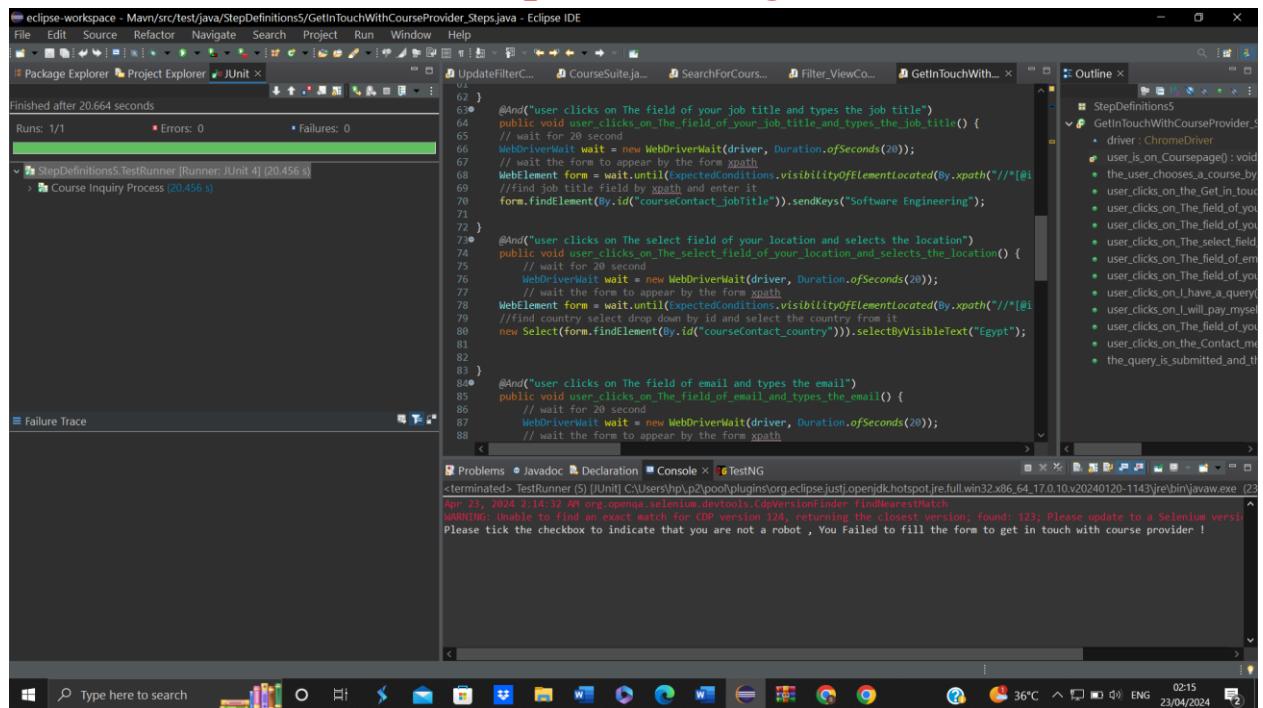
terminated: TestRunner (4) [JUnit] C:\Users\hp\p2\pool\plugins\org.eclipse.jst.junit.openjdk.hotspot.jre.full.win32x86_64_17.0.10.v20240120-1143\jre\bin\javaw.exe [23]

Apr 23, 2024 2:10:06 AM org.openqa.selenium.devtools.CdpVersionUnderFindNearestMatch Warnings: Unable to find an exact match for CDP version 124, returning the closest version; found: 123; Please update to a Selenium version

Filter Successfully

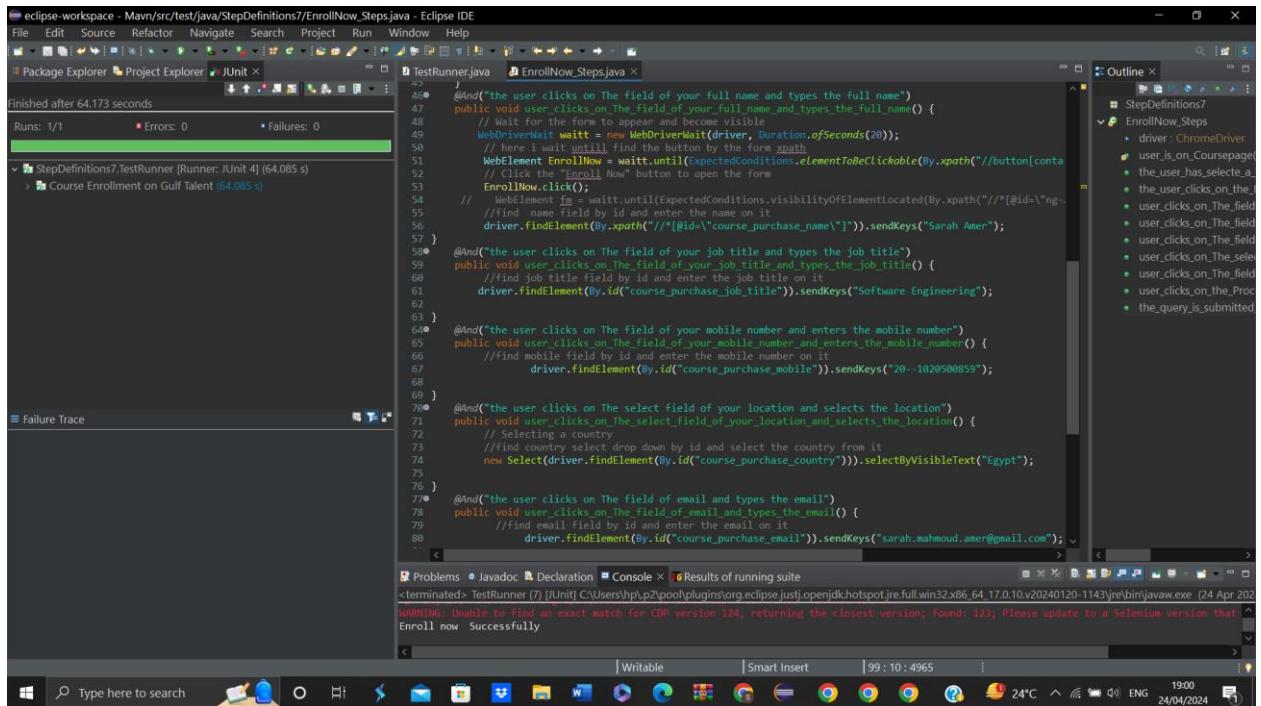
View all courses Successfully

5. Get in touch with course provider negative.



```
eclipse-workspace - Mavn/src/test/java/StepDefinitions5/GetInTouchWithCourseProvider_Steps.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer Project Explorer JUnit
Finished after 20.664 seconds
Runs: 1/1 Errors: 0 Failures: 0
StepDefinitions5.TestRunner [Runner: JUnit 4] (20.456 s)
  > Course Inquiry Process (20.456 s)
  63
  64  @And("User clicks on The field of your job title and types the job title")
  65  public void user_clicks_on_the_field_of_your_job_title_and_types_the_job_title() {
  66      // wait for 20 second
  67      WebDriverWait wait = new WebDriverWait(driver, Duration.ofSeconds(20));
  68      // wait the form to appear by the form xpath
  69      WebElement form = wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath("//[@id='courseContact_jobTitle']")));
  70      //find job title field by xpath and enter it
  71      form.findElement(By.id("courseContact_jobTitle")).sendKeys("Software Engineering");
  72  }
  73  @And("User clicks on the select field of your location and selects the location")
  74  public void user_clicks_on_the_select_field_of_your_location_and_selects_the_location() {
  75      // wait for 20 second
  76      WebDriverWait wait = new WebDriverWait(driver, Duration.ofSeconds(20));
  77      // wait the form to appear by the form xpath
  78      WebElement form = wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath("//[@id='courseContact_country']")));
  79      //find country select dropdown by id and select the country from it
  80      new Select(form.findElement(By.id("courseContact_country"))).selectByVisibleText("Egypt");
  81
  82
  83  }
  84  @And("User clicks on The field of email and types the email")
  85  public void user_clicks_on_the_field_of_email_and_types_the_email() {
  86      // wait for 20 second
  87      WebDriverWait wait = new WebDriverWait(driver, Duration.ofSeconds(20));
  88      // wait the form to appear by the form xpath
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7. Enroll now positive.



```

eclipse-workspace - Maven/sr/test/java/StepDefinitions7/EnrollNow_Steps.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer Project Explorer JUnit x TestRunner.java EnrollNow_Steps.java x
Finished after 64.173 seconds
Runs: 1/1 Errors: 0 Failures: 0
@And("the user clicks on The field of your full name and types the full name")
public void user_clicks_on_The_field_of_your_full_name_and_types_the_full_name() {
    //Wait for the button to become visible
    WebDriverWait wait = new WebDriverWait(driver, Duration.ofSeconds(20));
    // here i wait until find the button by the form xpath
    WebElement EnrollNow = wait.until(ExpectedConditions.elementToBeClickable(By.xpath("//button[contains(@class, 'ng-pristine')]")));
    // Click the "Enroll Now" button to open the form
    EnrollNow.click();
    // WebElement fm = wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath("//*[@id='ng-pristine']")));
    //find name field by id and enter the name on it
    driver.findElement(By.xpath("//*[@id='course_purchase_name']")).sendKeys("Sarah Amer");
}

@And("the user clicks on The field of your job title and types the job title")
public void user_clicks_on_The_field_of_your_job_title_and_types_the_job_title() {
    //find job title field by id and enter the job title on it
    driver.findElement(By.id("course_purchase_job_title")).sendKeys("Software Engineering");
}

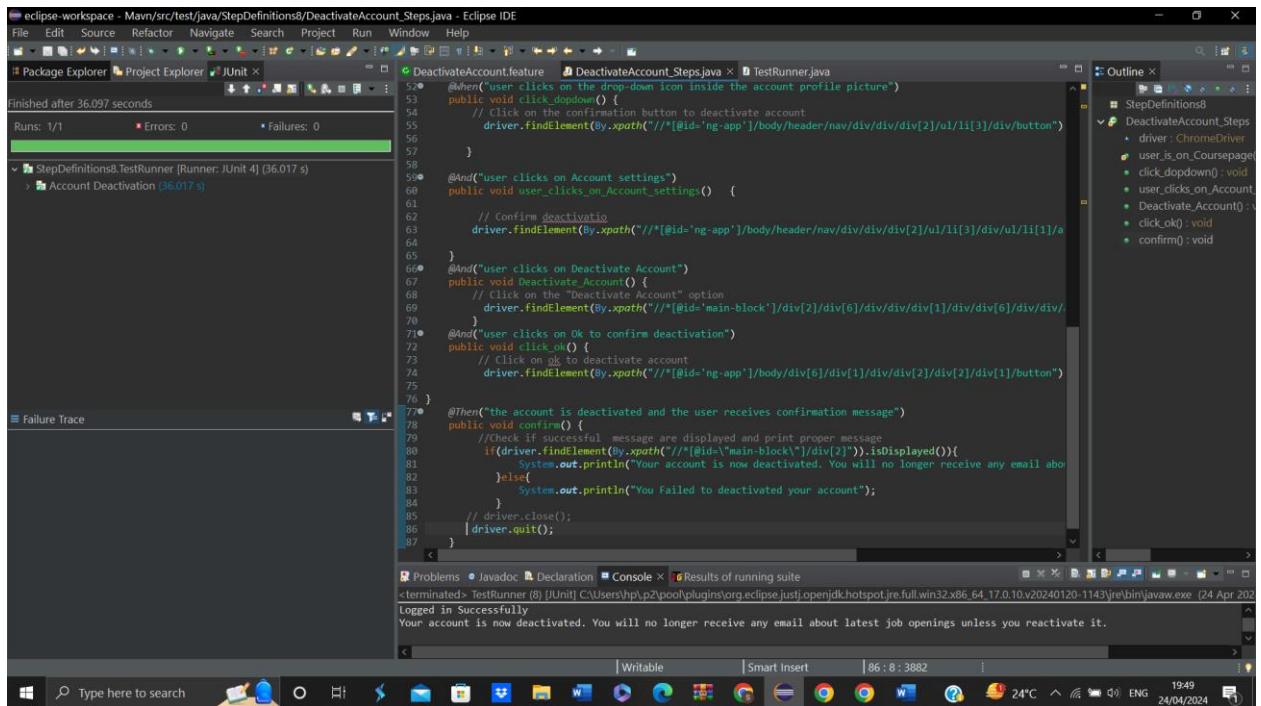
@And("the user clicks on The field of your mobile number and enters the mobile number")
public void user_clicks_on_The_field_of_your_mobile_number_and_enters_the_mobile_number() {
    //find mobile field by id and enter the mobile number on it
    driver.findElement(By.id("course_purchase_mobile")).sendKeys("20-1020500850");
}

@And("the user clicks on The select field of your location and selects the location")
public void user_clicks_on_The_select_field_of_your_location_and_selects_the_location() {
    // Selecting a country
    //find country select drop down by id and select the country from it
    new Select(driver.findElement(By.id("course_purchase_country"))).selectByVisibleText("Egypt");
}

@And("the user clicks on The field of email and types the email")
public void user_clicks_on_The_field_of_email_and_types_the_email() {
    //find email field by id and enter the email on it
    driver.findElement(By.id("course_purchase_email")).sendKeys("sarah.mahmoud.amer@gmail.com");
}

```

8. Deactivate Account positive.



```

eclipse-workspace - Maven/sr/test/java/StepDefinitions8/DeactivateAccount_Steps.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer Project Explorer JUnit x DeactivateAccount.feature x DeactivateAccount_Steps.java x TestRunner.java
Finished after 36.097 seconds
Runs: 1/1 Errors: 0 Failures: 0
@When("User clicks on the drop-down icon inside the account profile picture")
public void click_dropdown() {
    // Click on the confirmation button to deactivate account
    driver.findElement(By.xpath("//*[@id='ng-app']/body/header/nav/div/div[2]/ul/li[3]/div/button"));
}

@And("User clicks on Account settings")
public void user_clicks_on_Account_settings() {
    // Confirm deactivation
    driver.findElement(By.xpath("//*[@id='ng-app']/body/header/nav/div/div[2]/ul/li[3]/div/ui/li[1]/a"));
}

@And("User clicks on Deactivate Account")
public void deactivate_Account() {
    // Click on the "Deactivate Account" option
    driver.findElement(By.xpath("//*[@id='main-block']/div[2]/div/div/div[1]/div/div[6]/div/div[1]"));
}

@And("User clicks on Ok to confirm deactivation")
public void click_ok() {
    // Click on ok to deactivate account
    driver.findElement(By.xpath("//*[@id='ng-app']/body/div[6]/div[1]/div/div[2]/div[1]/button"));
}

@Then("the account is deactivated and the user receives confirmation message")
public void confirm() {
    //Check if successful message are displayed and print proper message
    if(driver.findElement(By.xpath("//*[@id='main-block']/div[2]")).isDisplayed()){
        System.out.println("Your account is now deactivated. You will no longer receive any email about latest job openings unless you reactivate it.");
    }else{
        System.out.println("You Failed to deactivate your account");
    }
    // driver.close();
    driver.quit();
}

```

9. Reactivate Account positive.

```
eclipse-workspace - Mavn/src/test/java/StepDefinitions9/ReactivateAccount_Steps.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer Project Explorer JUnit X
Finished after 24.927 seconds
Runs: 1/1 Errors: 0 Failures: 0
StepDefinitions9.TestRunner [Runner: JUnit 4] (24.844 s)
40 // Check login status
41
42 // check if login successfully, the profile is displayed and print proper message
43 if(driver.findElement(By.xpath("//[@id='ng-app']/body")).isDisplayed()){
44     System.out.println("Logged in Successfully");
45 }else{
46     System.out.println("Login Failed!");
47 }
48 //Launch the Sauce Demo Website
49 Thread.sleep(5000);
50
51
52
53
54 }
55
56
57 @When("the user clicks on Reactivate Account")
58 public void Reactivate_Account() {
59     // Click on the confirmation button to deactivate account
60     driver.findElement(By.xpath("//*[@id='main-block']/div[2]/div[6]/div/div/div[1]/div[2]/div[1]")).click();
61 }
62
63 @Then("the account is reactivated , user sees a message Your account is now reactivated.")
64 public void confirm() {
65     //Check if successful message are displayed and print proper message
66     if(driver.findElement(By.xpath("//*[@id='main-block']/div[2]")).isDisplayed()){
67         System.out.println("Your account is now reactivated.");
68     }else{
69         System.out.println("You Failed to reactivated your account");
70     }
71
72     // driver.close();
73     driver.quit();
74 }
75 }

Failure Trace
```

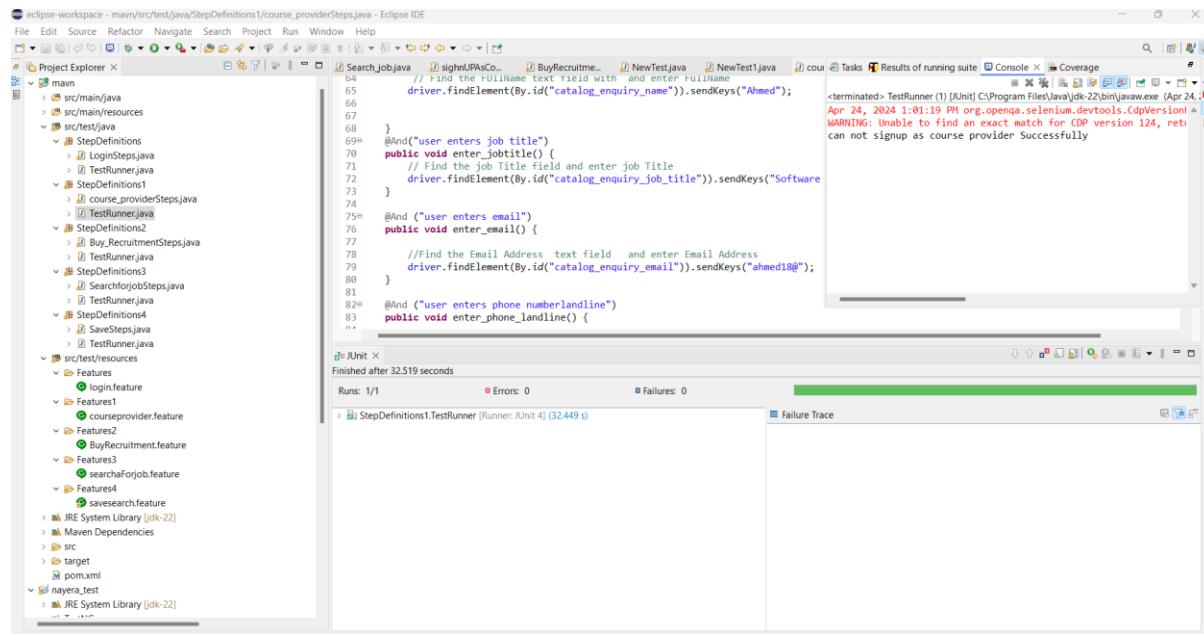
10. Remove Account positive.

The screenshot shows the Eclipse IDE interface with the following details:

- Top Bar:** eclipse-workspace - Mavn/src/test/java/StepDefinitions910/RemoveAccount_Steps.java - Eclipse IDE
- Menu Bar:** File Edit Source Refactor Navigate Search Project Run Window Help
- Toolbars:** Standard, Search, Go, Run, Debug, Run Configuration, Project Explorer, Package Explorer, JUnit.
- Left Sidebar:** Outline X, StepDefinitions910, RemoveAccount_Steps.java.
- Central Area:** TestRunner.java (highlighted), RemoveAccount_Steps.java, AccountSettings.java.
- Test Results:** Runs: 1/1, Errors: 0, Failures: 0, Finished after 51.091 seconds.
- Code Editor:** The code for RemoveAccount_Steps.java is displayed, containing steps for account removal via a dropdown menu, account settings, and delete account options.
- Bottom Area:** Problems, Javadoc, Declaration, Console (Results of running suite), Log.
- Console Output:** Shows the execution results of the test suite, including logs and warnings related to the Selenium driver and Java version.

Nayera

1. Signup as course provider Negative.



```

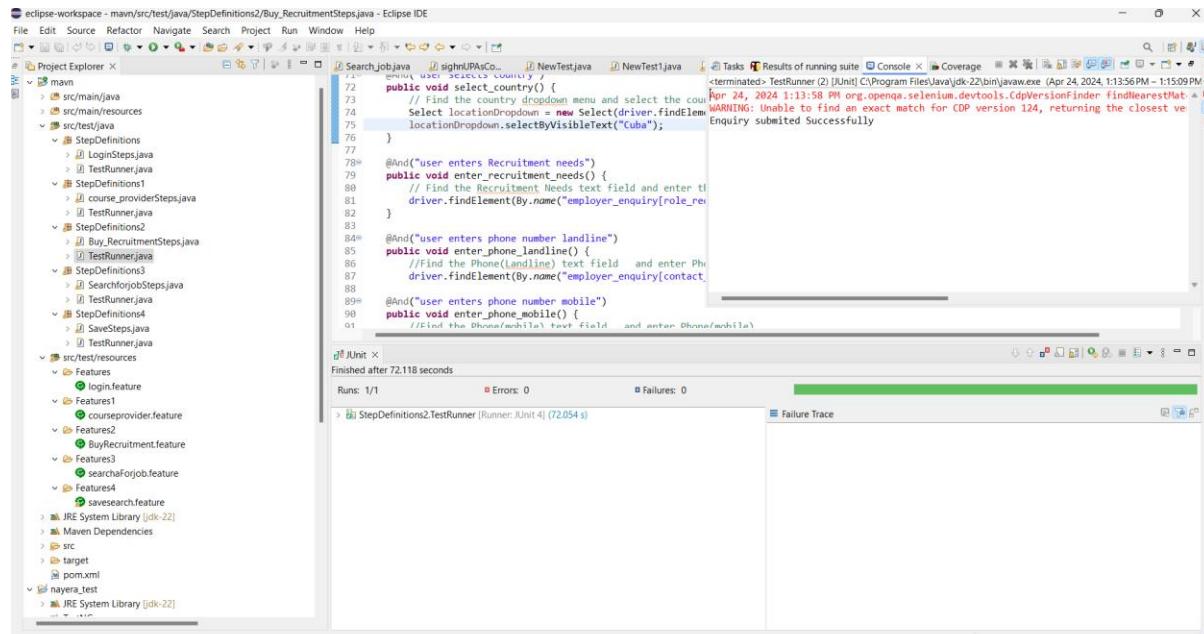
eclipse-workspace - mavn/src/test/java/StepDefinitions1/course_providerSteps.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Windows Help
Project Explorer X
src/main/java
src/main/resources
src/test/java
  StepDefinitions
    LoginSteps.java
    TestRunner.java
  StepDefinitions1
    course_providerSteps.java
    TestRunner.java
  StepDefinitions2
    Buy_RecruitmentSteps.java
    TestRunner.java
  StepDefinitions3
    SearchforjobSteps.java
    TestRunner.java
  StepDefinitions4
    SaveSteps.java
    TestRunner.java
src/test/resources
  Features
    login.feature
  Features1
    courseprovider.feature
  Features2
    BuyRecruitment.feature
  Features3
    searchforjob.feature
  Features4
    savesearch.feature
JRE System Library [jdk-22]
Maven Dependencies
src
target
pom.xml
nayera_test
JRE System Library [jdk-22]

SearchJob.java
  signInPAsCa...
  BuyRecruitme...
  NewTestJava ...
  NewTest1.java ...
  cour...
  Tasks ...
  Results of running suite ...
  Console X ...
  Coverage ...
terminated> TestRunner (1) [JUnit] C:\Program Files\Java\jdk-22\bin\javaw.exe (Apr 24, 2024, 1:01:19 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch)
Apr 24, 2024 1:01:19 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find an exact match for CDP version 124, returning the closest ve
can not signup as course provider Successfully

JUnit X
Finished after 32.519 seconds
Runs: 1/1 Errors: 0 Failures: 0
StepDefinitions1TestRunner [Runner: JUnit 4] (32.449 s)
Failure Trace

```

2. Buy recruiting solutions positive



```

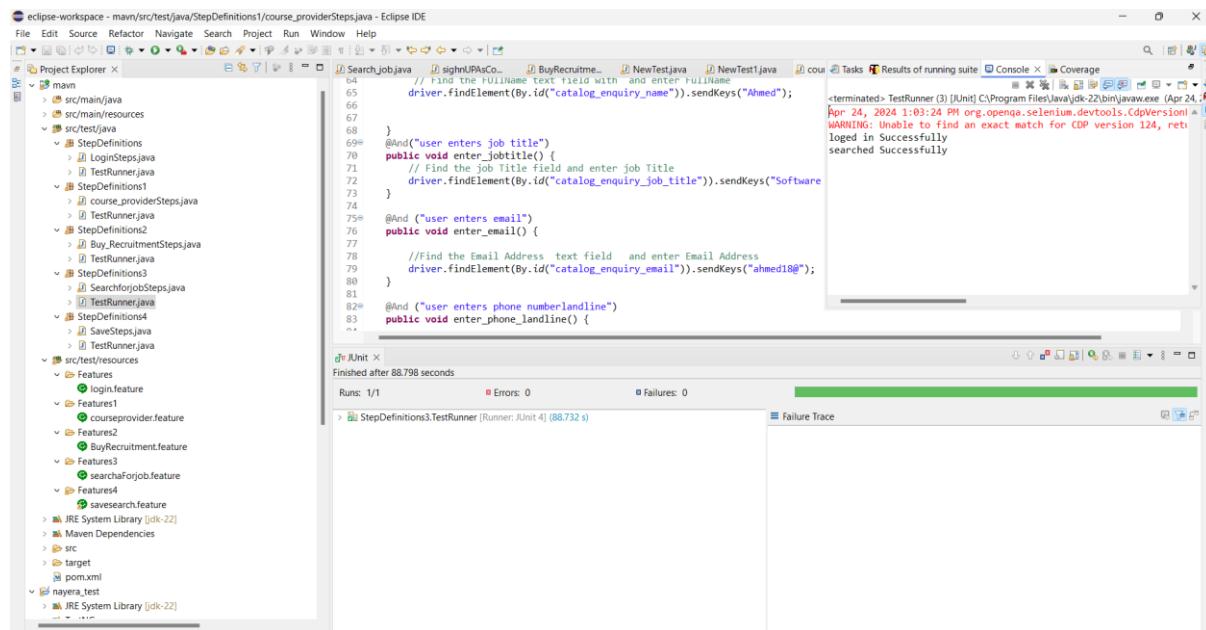
eclipse-workspace - mavn/src/test/java/StepDefinitions2/Buy_RecruitmentSteps.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Project Explorer X
src/main/java
src/main/resources
src/test/java
  StepDefinitions
    LoginSteps.java
    TestRunner.java
  StepDefinitions1
    course_providerSteps.java
    TestRunner.java
  StepDefinitions2
    Buy_RecruitmentSteps.java
    TestRunner.java
  StepDefinitions3
    SearchforjobSteps.java
    TestRunner.java
  StepDefinitions4
    SaveSteps.java
    TestRunner.java
src/test/resources
  Features
    login.feature
  Features1
    courseprovider.feature
  Features2
    BuyRecruitment.feature
  Features3
    searchforjob.feature
  Features4
    savesearch.feature
JRE System Library [jdk-22]
Maven Dependencies
src
target
pom.xml
nayera_test
JRE System Library [jdk-22]

SearchJob.java
  signInPAsCa...
  BuyRecruitme...
  NewTestJava ...
  NewTest1.java ...
  cour...
  Tasks ...
  Results of running suite ...
  Console X ...
  Coverage ...
terminated> TestRunner (2) [JUnit] C:\Program Files\Java\jdk-22\bin\javaw.exe (Apr 24, 2024, 1:13:56 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch)
Apr 24, 2024 1:13:58 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find an exact match for CDP version 124, returning the closest ve
Enquiry submitted Successfully

JUnit X
Finished after 72.118 seconds
Runs: 1/1 Errors: 0 Failures: 0
StepDefinitions2TestRunner [Runner: JUnit 4] (72.054 s)
Failure Trace

```

3. Search for job positive



```

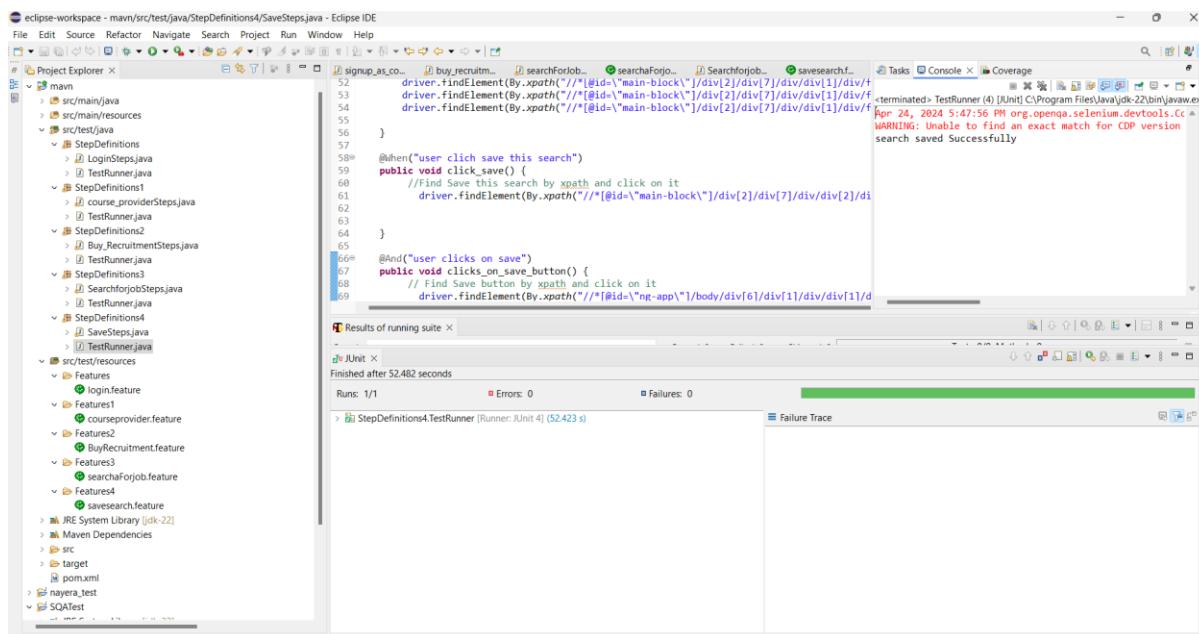
eclipse-workspace - mavn/src/test/java/StepDefinitions1/course_providerSteps.java - Eclipse IDE
File Edit Source Refactor Navigate Project Run Window Help
Project Explorer X
src/main/java
src/main/resources
src/test/java
  StepDefinitions
    LoginSteps.java
    TestRunner.java
  StepDefinitions1
    course_providerSteps.java
    TestRunner.java
  StepDefinitions2
    BuyRecruitmentSteps.java
    TestRunner.java
  StepDefinitions3
    SearchforjobSteps.java
    TestRunner.java
  StepDefinitions4
    SaveSteps.java
    TestRunner.java
src/test/resources
  Features
    login.feature
  Features1
    courseprovider.feature
  Features2
    BuyRecruitment.feature
  Features3
    searchaforjob.feature
  Features4
    savesearch.feature
JRE System Library [jdk-22]
Maven Dependencies
src
target
pom.xml
nayera_test
JRE System Library [jdk-22]

Search.job.java
64 // Find the FULLNAME text field with and enter fullname
65 driver.findElement(By.id("catalog_enquiry_name")).sendKeys("Ahmed");
66
67
68 }
69 @And("user enters job title")
70 public void enter_jobtitle() {
71     // Find the Job Title field and enter job Title
72     driver.findElement(By.id("catalog_enquiry_job_title")).sendKeys("Software");
73 }
74
75 @And ("user enters email")
76 public void enter_email() {
77     //Find the Email Address text field and enter Email Address
78     driver.findElement(By.id("catalog_enquiry_email")).sendKeys("ahmed18@");
79 }
80
81 @And ("user enters phone numberlandline")
82 public void enter_phone_landline() {
83
84 }

JUnit X
Finished after 88.798 seconds
Runs: 1/1 Errors: 0 Failures: 0
StepDefinitions3.TestRunner [Runner: JUnit 4] (88.732 s)
Failure Trace

```

4. Save this search positive



```

eclipse-workspace - mavn/src/test/java/StepDefinitions4/SaveSteps.java - Eclipse IDE
File Edit Source Refactor Navigate Project Run Window Help
Project Explorer X
src/main/java
src/main/resources
src/test/java
  StepDefinitions
    LoginSteps.java
    TestRunner.java
  StepDefinitions1
    course_providerSteps.java
    TestRunner.java
  StepDefinitions2
    BuyRecruitmentSteps.java
    TestRunner.java
  StepDefinitions3
    SearchforjobSteps.java
    TestRunner.java
  StepDefinitions4
    SaveSteps.java
    TestRunner.java
src/test/resources
  Features
    login.feature
  Features1
    courseprovider.feature
  Features2
    BuyRecruitment.feature
  Features3
    searchaforjob.feature
  Features4
    savesearch.feature
JRE System Library [jdk-22]
Maven Dependencies
src
target
pom.xml
nayera_test
SQATest

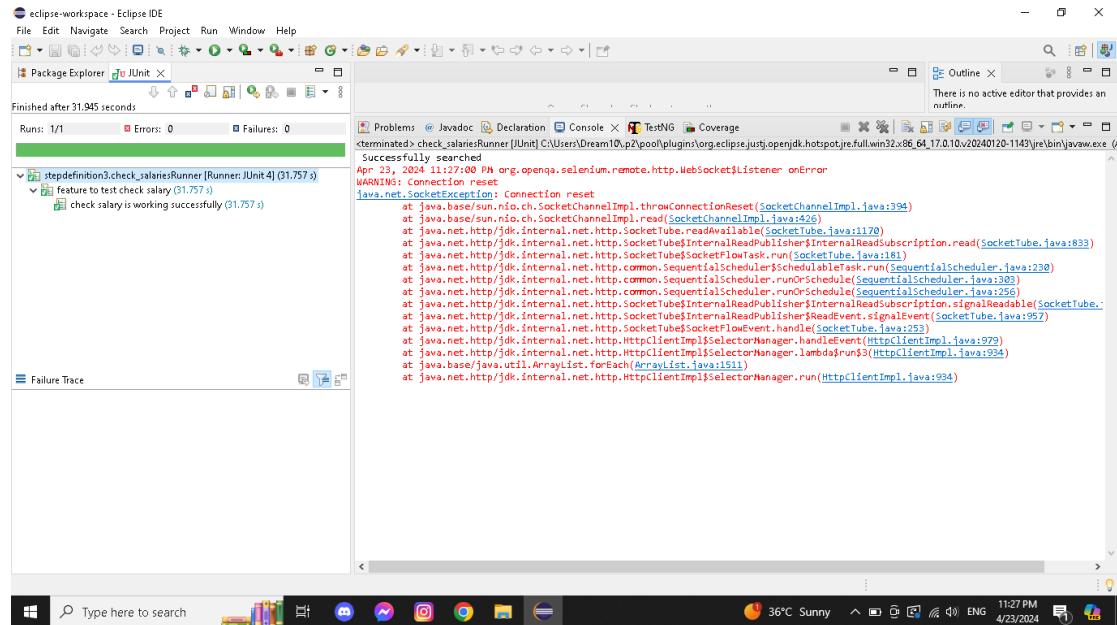
signup_as_co...
buy_recruit...
searchForJob...
searchaforjo...
Searchforjob...
savesearch...
driver.findElement(By.xpath("//*[@id='main-block']/div[2]/div[7]/div/div[11]/div[1]/div[1]"));
driver.findElement(By.xpath("//*[@id='main-block']/div[2]/div[7]/div/div[11]/div[1]/div[1]"));
driver.findElement(By.xpath("//*[@id='main-block']/div[2]/div[7]/div/div[11]/div[1]/div[1]"));
}
@when("user click save this search")
public void click_save() {
    //Find Save this search by xpath and click on it
    driver.findElement(By.xpath("//*[@id='main-block']/div[2]/div[7]/div/div[2]/div[1]"));
}
@And("user clicks on save")
public void clicks_on_save_button() {
    // Find Save button by xpath and click on it
    driver.findElement(By.xpath("//*[@id='ng-app']/body/div[6]/div[1]/div/div[1]/div[1]"));
}

Results of running suite X
JUnit X
Finished after 52.482 seconds
Runs: 1/1 Errors: 0 Failures: 0
StepDefinitions4.TestRunner [Runner: JUnit 4] (52.423 s)
Failure Trace

```

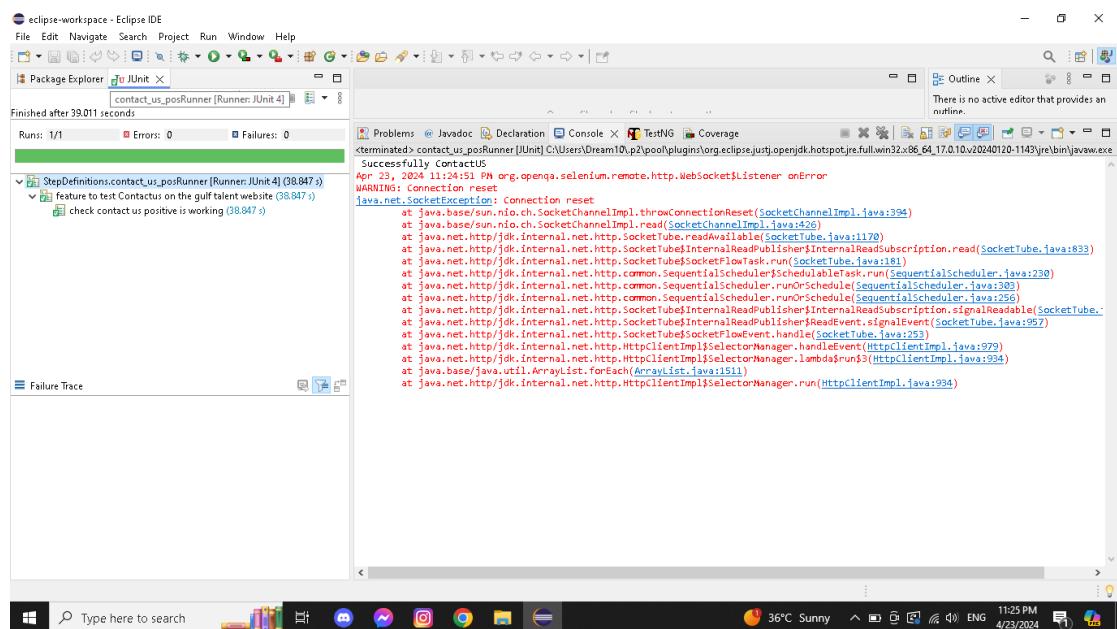
Kareem

1. Check salary.



The screenshot shows the Eclipse IDE interface with the title bar "eclipse-workspace - Eclipse IDE". The "JUnit" perspective is active, indicated by the "JUnit" tab in the top-left toolbar. The "Package Explorer" view shows a single test class "stepdefinition3.check_salariesRunner" under the "JUnit" node. The "Problems" view is open, displaying a single warning message: "WARNING: Connection reset". The "Console" view shows the output of the test run, which was completed successfully after 31.945 seconds. The output includes the test name "check salary is working successfully" and its status as "31.757 s". The "Failure Trace" view is empty. The taskbar at the bottom shows the Windows Start button, a search bar, and various pinned icons. The system tray indicates it's 36°C, sunny, and the date is 4/23/2024.

2. Contact us positive.



The screenshot shows the Eclipse IDE interface with the title bar "eclipse-workspace - Eclipse IDE". The "JUnit" perspective is active, indicated by the "JUnit" tab in the top-left toolbar. The "Package Explorer" view shows a single test class "StepDefinitions.contact_us_posRunner" under the "JUnit" node. The "Problems" view is open, displaying a single warning message: "WARNING: Connection reset". The "Console" view shows the output of the test run, which was completed successfully after 39.011 seconds. The output includes the test name "check contact us positive is working" and its status as "38.847 s". The "Failure Trace" view is empty. The taskbar at the bottom shows the Windows Start button, a search bar, and various pinned icons. The system tray indicates it's 36°C, sunny, and the date is 4/23/2024.

3. Contact us negative.

2. Summary Reports

Maya

2.1 Selenium ide

The testing procedure began with the use of Selenium IDE, a recording and playback tool for automating browser interactions. We carefully created test cases in Selenium IDE to analyze the "graduate guide" and "CV database search" functionality. We specifically designed a test suite that included scenarios focused at analyzing the guide's download capability. These scenarios were carefully written to mimic user interactions, ensuring that the guide's download feature is fully validated. Similarly, negative scenarios were carefully developed to test the CV database search capabilities, such as circumstances in which the employer failed to choose the "not a robot" option during CV searches.

2.2 Selenium WebDriver

We later switched to Selenium WebDriver, a strong automation tool for web application testing. In Selenium WebDriver, we converted test cases produced in Selenium IDE into Java code, allowing for stronger and flexible test automation. Two separate Java classes, "GraduateGuide" and "CVDatabaseSearch," were created to include the test cases for the various functions. The "GraduateGuide" class verified the guide's download capability, whereas the "CVDatabaseSearch" class addressed undesirable cases, such as the lack of a tick on the "not a robot" button during CV searches. where we encounter number of issues with WebDriver's interaction with specific sections on the account profile page which lead to a fail of the Build, Edit, and Delete cv.

2.3 TestNG

To speed up the execution and maintenance of our test suites, we used TestNG, a Java testing framework. We grouped our test cases into a single package suite in TestNG to make test running and reporting more efficient. This suite included three unique test cases for CV operations: building, editing, and deleting entries from a CV. Each test scenario was carefully designed to check individual functionality while also ensuring the overall integrity of the CV management system. However, issues developed when WebDriver encountered difficulty dealing with icons for adding, editing, or removing information on the account profile page. Nonetheless, TestNG's powerful features appeared while executing the other individual test case "graduate guide" and "CV Database search" as they passed successfully.

2.4 Cucumber

Cucumber organized the identical test cases into feature files and scenarios. For example, the "graduate_guide.feature" file had scenarios for downloading the guide, but "cv_operations.feature" provided scenarios for CV procedures. Every case was developed with appropriate step definitions to carry out the test procedures described in the features. All the frameworks contributed to deep testing, verifying the stability and functionality of the product features being tested.

Sarah

2.1 Selenium ide

All test cases have passed. There are seven individual test cases which are post comment (positive, negative) , subscribe to receive similar article (positive , negative) , change password (Positive , negative) , positive change email . Additionally, there are three test suites: the Courses suite, which includes search for courses, filter courses, get in touch with course providers, update course filters, and enroll now; the Articles suite, which have view articles, post comment, and subscribe to receive similar articles; and the Account Settings suite, which involves activating, reactivating, and removing account. However, the "post comment positive" test case encounters issues as selenium IDE does not interact with the "I am not a robot" checkbox and fails to solve the reCAPTCHA that occasionally appears. This leads to inconsistencies where sometimes positive cases are incorrectly marked as negative, resulting in failures. Also, all test cases was created by recording and playback functionality during initial test script development.

2.2 Selenium WebDriver

Subsequently transitioned to using Selenium WebDriver, a robust tool for automating web application testing. Within Selenium WebDriver, transformed test cases originally created in Selenium IDE into Java code, enhancing the robustness and flexibility of my test automation. All the test cases passed; all test cases were organized into a single package, the individual test cases which are post comment positive and negative , subscribe to receive similar article both negative and positive , also change password positive and negative and change email which is positive also whereas the suite test cases were contained within one class , there are three test suite search for courses, filter courses, get in touch with course providers, update course filters, and enroll now; the Articles suite, which have view articles, post comment, and subscribe to receive similar articles; and the Account Settings suite, which involves activating, reactivating, and removing account. however, there was a slight delay with the WebDriver when opening most of the form that caused fail because it does not find the text field . To solve this, a solution to wait for 20 seconds, allowing enough time for the form to open and wait it until appear before continuing

ofield.ocess. While no test cases failed, there was an fail related to skipping the "I am not a robot" checkbox that appear suddenly and make me to run the test again until it disappear to test it as a positive one , and subsequently failing to solve the reCAPTCHA, as this requires human interaction that also arose in Selenium IDE, as I previously explained.

2.3 TestNG

To accelerate the execution and maintenance of my test suites, I utilized TestNG, a Java testing framework. All tests have passed. Initially, four packages were created: one for individual testNG and three for suite testNG. Within the individual package, seven separate TestNG classes were established for seven distinct test cases. The first and second testNG, "subscribe to receive similar articles," include both negative and positive scenarios. The positive scenario allows the user to submit a form with valid information to receive similar articles, while the negative scenario prevents form submission due to invalid information. The third and fourth testNG, "post comment," also positive and negative scenarios. The positive case tests the user's ability to submit a comment on a specific article, but occasionally fails when the test skips the "I am not a robot" checkbox and doesn't solve an unexpectedly appearing reCAPTCHA. The fifth and sixth testNG are "change password," where the positive case tests the users update their password, and the negative case involves an incorrect old password entry. The seventh testNG, "change email," is positive, the user ability to update email. The second test package for courses suite, containing testNG for searching for courses, filtering courses, getting in touch with course providers, updating course filters, and enrolling in courses. The third package for account settings with tests for deactivate, reactivate, and remove accounts. The fourth package addresses the articles suite, including tests for viewing articles, post comment, and subscribe to receive similar articles. All test suites passed, as all TestNG classes were successfully executed within the TestNG Suite.

2.4 Cucumber

The Cucumber Runner, Step Definitions, and Feature are all functioning effectively, with the Cucumber Test Runner operating correctly. In more details cucumber organized test cases into feature files and scenarios, each with its corresponding step definitions. For example, the "post_comment.feature" file included scenarios for posting comments, while the "subscribe_to_receive.feature" covered scenarios for subscribing to receive similar articles. Other test cases like "search_for_course", "filter_courses", "get_in_touch_with_course_provider", "update_filter_courses", "enroll_now", " deactivate account" , "reactivate account" , and "remove account" were similarly structured in their respective feature files. Each test case was developed with precise step definitions to implement the test procedures described in the features.

Nayera

2.1 Selenium ide

In Selenium IDE, five test cases were created; each one was created by recording and playback functionality during initial test script development. The first test case was created to test "Sign Up As Course Provider" as negative test case, the second one to test "Buy Recruiting Solutions" functionality, and three test cases for search operations: "search for jobs", "save searched jobs", "remove searched jobs". These three tested cases were added to the test suite in a specific order. The first two test cases and test suite were passed after running them in the Selenium IDE tool.

2.2 Selenium WebDriver

Used to automate functionalities by creating two separate classes for two individual test cases. The first test case is "Sign Up As Course Provider" to test the negative case that the user can't submit the form to sign up on the website as a course provider by filling in the website as course provider by filling in the email address field with invalid information. The second test case is "Buy Recruiting Solutions" to test that employers can submit an inquiry successfully to post a job. The two test cases were passed after running them, but to test search operations, one class was created that includes "search for jobs", "save searched jobs", "remove searched jobs", because the "save searched jobs" depends on "search for jobs" and "remove searched jobs" depends on "save searched jobs", so that these test cases can't be created in three separate classes. After running this class, all functionalities were passed.

2.3 TestNG

In TestNG the functionality tested by creating Two packages one for individual test cases and another for suite Testcase, in first package two separate TestNG classes were created for two individual test cases, the first test case is "Sign Up As Course Provider" to test the negative case that the user can't submit the form to sign up in the website as course provider by filling the email address field with invalid information, the second test case is "Buy Recruiting Solutions" to test that employer can submit enquiry successfully to post a job, the two individual test cases were passed after running them. The second test package will be for suite test cases which include three test cases for search operation search for job , save searched job and remove searched jobs , the test suite passed because the three TestNG classes were passed after running the testng.xml as TestNG Suite. Moreover all generated html reports have shown the all the passed test cases.

2.4 Cucumber

Cucumber organized the identical test cases into feature files and scenarios. For example, the "courseprovider.feature" file had scenarios for signup as course provider with invalid email

address , "BuyRecruitment.feature" file had provided scenarios for post job and submitting inquiry procedures, "searchForJob.feature" file had provided scenarios for searching for job in specific country and filtering the search results,"save search.feature" had provided scenarios for saving searched jobs.Every case was developed with appropriate step definitions to carry out the test procedures described in the features. All test cases using cucumber tool had been passed after running them.

Kareem

2.1 Selenium ide

Used for recording and playing back user interactions with the website , All critical functionalities of the Gulf Talent website, such as job search, user registration, and profile management, were successfully automated and tested.

2.2 Selenium WebDriver

Selenium WebDriver scripts were then developed to execute more complex test scenarios, including user authentication, job searches, and profile updates.

2.3 TestNG

TestNG was used to organize test cases into suites, prioritize test execution, and generate detailed test reports for analysis, Test suites were regularly executed to detect any regressions in the website's functionality due to code changes or updates.

2.4 Cucumber

Test suites were regularly executed to detect any regressions in the website's functionality due to code changes or updates, TestNG-generated reports provided comprehensive insights into test execution results, including pass/fail status, execution time, and error logs.

3.Issues and difficulties

Maya

- By utilizing TestNG and Cucumber for testing, several challenges arose due to the similarity in XPaths for the buttons add, edit, and delete. This similarity led to a confusion within the test tools, resulting in test failures for build CV, Edit CV and Delete CV testcases.

Sarah

- There are several challenges that arose during testing across this tools WebDriver, TestNG, and Cucumber. One significant issue encountered involved the “search for course” test case, where the keyword text field shared the same name with another text field used in job searches. This naming conflict caused unexpected redirections from the course page to the job page. After multiple attempts, I resorted to using XPath to correctly identify and interact with the desired text field on the course page. Additionally, did not correctly interpret the XPath for choosing courses, prompting me to manually navigate to the appropriate course selection page. Another problem was the slow performance when opening most of the forms and displaying successful messages, which occasionally led to test failures. To solve this issue, I set a wait time of 20 seconds to ensure the form will appear before proceeding with the test.
- Furthermore, in Selenium IDE, WebDriver, TestNG, and Cucumber, I faced inconsistencies with the display of the "I am not a robot" checkbox. Sometimes it would appear, and other times it would not, causing tests that should have been positive to appear as negative so make me run the test a lot of times until the ReCAPTCHA disappears and it became positive.

Nayera

- There is a common issue in Selenium WebDriver, TestNG, and Cucumber tools to find some elements by xpath because they are changed sometimes. Also, it is difficult to get any url on a web site except the home page, so in Selenium WebDriver, one class was created for all search operations because they depend on each other. Moreover, there is a common issue in all tools (Selenium IDE, Selenium WebDriver, TestNG, and Cucumber) to access any page in all navigation bar drop-down menus.

Kareem

- I have faced issues with selenium WebDriver because it did not read the help icon on the gulf talent help page so the testcases was not completed.

✓ Group work

1. JMeter screenshots

1.1 Visit Job page.

1.1.1 Request

The screenshot shows the JMeter Test Plan configuration. On the left, the tree view displays the following structure:

- Test Plan
- User
 - visit job page
 - View Results Tree
 - Summary Report
 - Graph Results
 - View Results in Table
- Thread Group
 - Courses
 - Uniform Random Timer
 - View All Courses
 - Uniform Random Timer
 - Search course
 - Search course
 - View Results Tree
 - Summary Report
 - Graph Results
 - View Results in Table
- Thread Group
 - view law page
 - View Results Tree
 - Summary Report
 - Graph Results
 - View Results in Table

The right panel shows the configuration for the selected Thread Group node. The 'Name:' field is set to 'User'. The 'Comments:' field is empty. Under 'Action to be taken after a Sampler error', the 'Continue' radio button is selected. The 'Thread Properties' section includes:

- Number of Threads (users): 4
- Ramp-up period (seconds): 1
- Loop Count: Infinite, value 1
- Same user on each iteration
- Delay Thread creation until needed
- Specify Thread lifetime

Below these properties are fields for 'Duration (seconds)' and 'Startup delay (seconds)', both currently empty.

1.1.2 View results tree

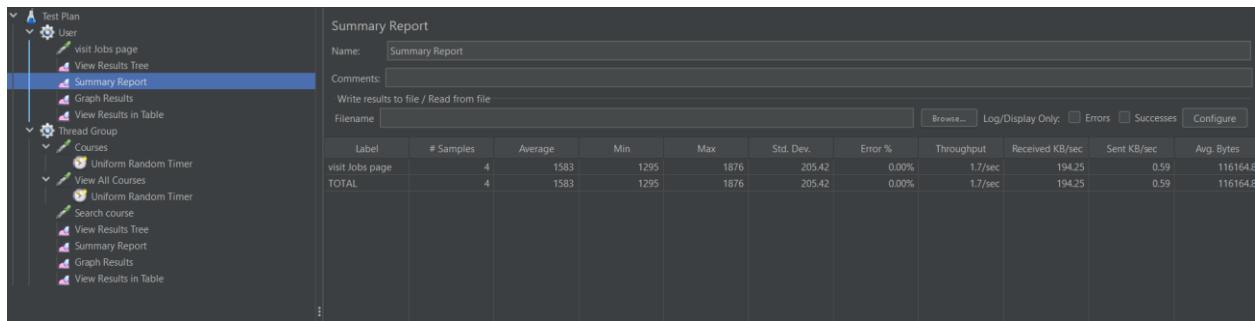
The screenshot shows the JMeter interface with the 'View Results Tree' listener selected. The left sidebar shows a tree structure with 'Search_Job' expanded, containing 'User' and 'View Results Tree'. The main panel displays the 'View Results Tree' configuration with fields for Name (set to 'View Results Tree'), Comments, and a 'Text' dropdown. Below this is a table with columns for Sampler result, Request, and Response data. The table contains multiple rows of sample results for the 'visit jobs page' sampler. At the bottom, there are sections for 'HTTPSampleResult fields:' and 'Raw / Parsed' data.

Sampler result	Request	Response data
Thread Name:User-1-2		
Sample Start:2024-04-23 12:30:46 EET		
Load time:261		
Connect Time:2		
Latency:309		
Size bytes:16249		
Sent bytes:355		
Headers size in bytes:2016		
Body size in bytes:114233		
Sample Count:1		
Error Count:0		
Data type ("text"/"bin")":text		
Response code:200		
Response message:OK		

HTTPSampleResult fields:
ContentType: text/html; charset=UTF-8
DataEncoding: UTF-8

Raw / Parsed

1.1.3 Summary report



Summary Report

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
visit Jobs page	4	1583	1295	1876	205.42	0.00%	1.7/sec	194.25	0.59	116164.0
TOTAL	4	1583	1295	1876	205.42	0.00%	1.7/sec	194.25	0.59	116164.0

1.1.4 Graph results

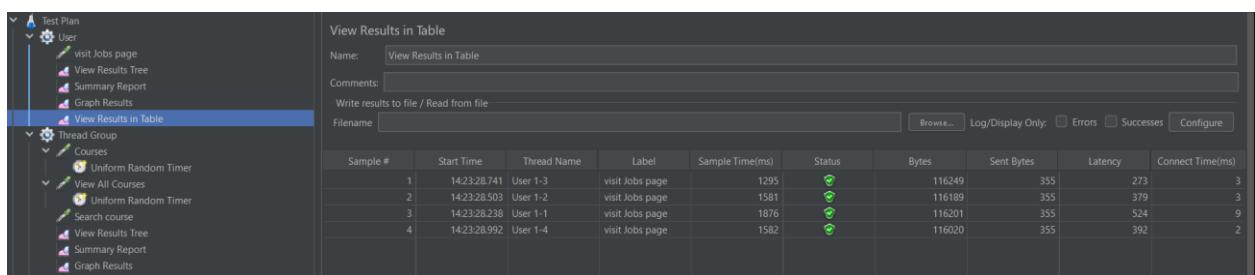


Graph Results

Graphs to Display: Data Average Median Deviation Description

1876 ms

1.1.5 View results in table



View Results in Table

Sample #	Start Time	Thread Name	Label	SampleTime(ms)	Status	Bytes	Sent Bytes	Latency	Connect Time(ms)
1	142328.741	User 1-3	visit Jobs page	1295	OK	116249	355	273	3
2	142328.503	User 1-2	visit Jobs page	1581	OK	116189	355	379	3
3	142328.238	User 1-1	visit Jobs page	1876	OK	116201	355	524	9
4	142328.992	User 1-4	visit Jobs page	1582	OK	116020	355	392	2

1.2 Search course

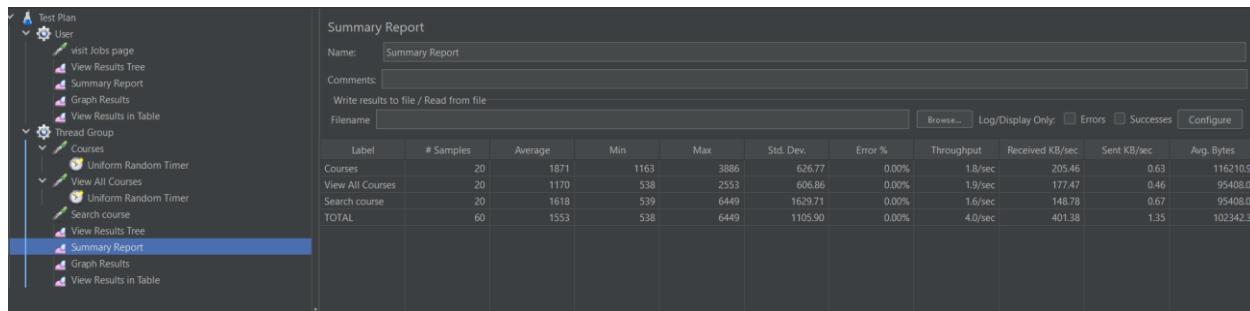
1.2.1 Request

The screenshot shows the JMeter Test Plan configuration interface. On the left, a tree view lists several test elements under a 'Test Plan' root node. The 'Thread Group' node under the 'User' node is currently selected, highlighted with a blue background. Other visible nodes include 'Thread Group2', 'Thread Group3', and 'Thread Group4'. To the right of the tree view is a detailed configuration panel for the selected 'Thread Group'. The panel includes fields for 'Name' (set to 'Thread Group'), 'Comments', and an 'Action to be taken after a Sampler error' dropdown with options like 'Continue', 'Start Next Thread Loop', 'Stop Thread', 'Stop Test', and 'Stop Test Now'. Below this are sections for 'Thread Properties' (Number of Threads: 20, Ramp-up period: 10), 'Loop Count' (Infinite, set to 1), and three checkboxes: 'Same user on each iteration' (checked), 'Delay Thread creation until needed' (unchecked), and 'Specify Thread lifetime' (unchecked). There are also fields for 'Duration (seconds)' and 'Startup delay (seconds)'.

1.2.2 View results tree

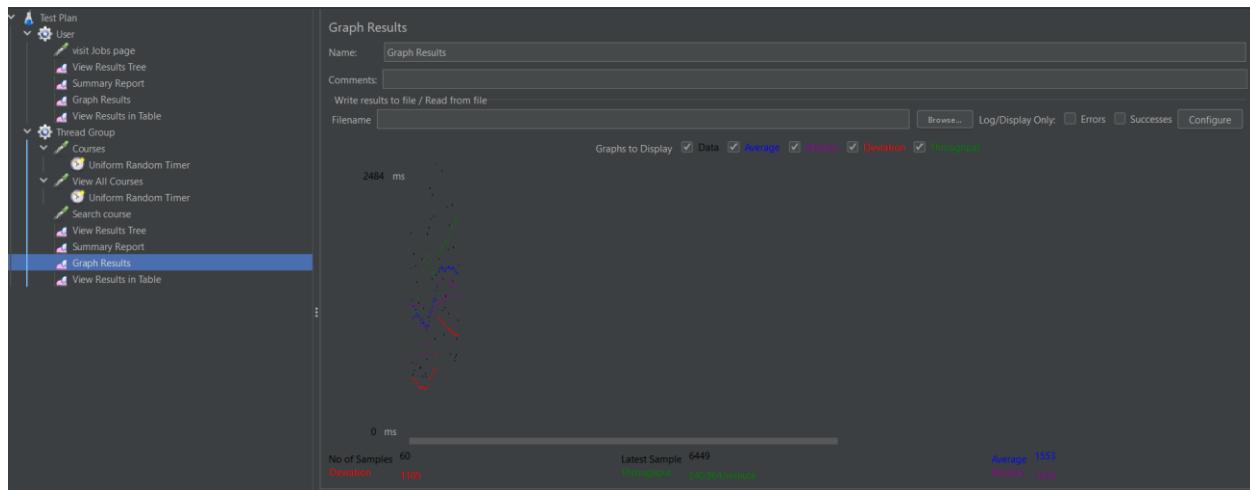
The screenshot shows the JMeter interface with the 'View Results Tree' listener selected. The 'Thread Group' named 'View All Courses' is expanded, displaying its sample results. Each result includes details like Thread ID, Sample Start time, Load time, and Response data. The results show various HTTP requests and their responses, such as 'GET /index.html' and 'POST /addCourse'. The 'Raw' tab is selected at the bottom.

1.2.3 Summary report

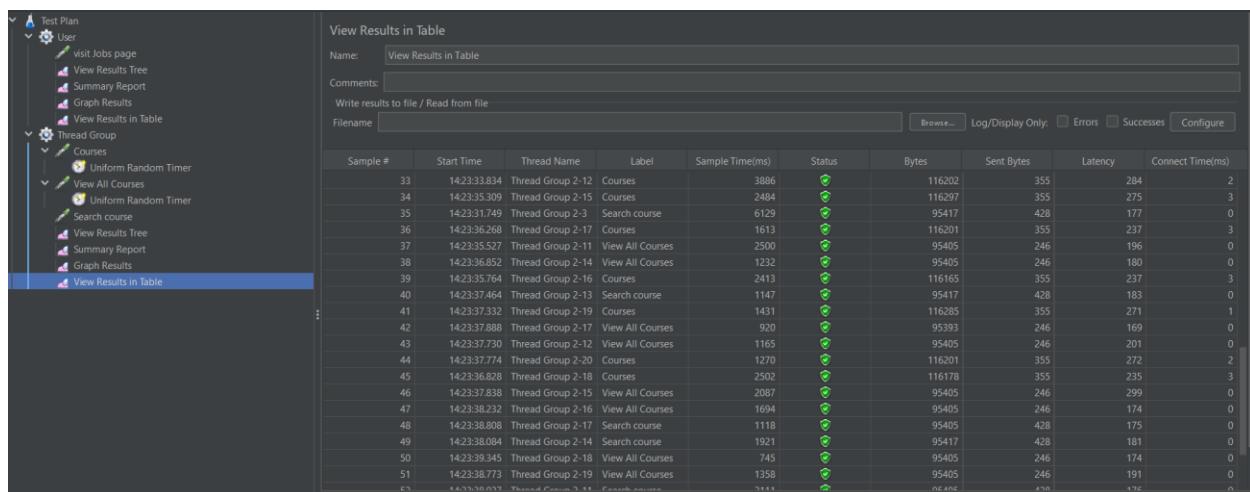


The screenshot shows the JMeter Test Plan tree on the left and the 'Summary Report' configuration dialog on the right. The 'Summary Report' tab is selected in the dialog. The 'Label' column lists 'Courses', 'View All Courses', 'Search course', and 'TOTAL'. The '# Samples' column shows values 20, 20, 20, and 60 respectively. The 'Average' column shows values 1871, 1170, 1618, and 1553. The 'Min' column shows values 1163, 538, 539, and 538. The 'Max' column shows values 3886, 2553, 6449, and 6449. The 'Std. Dev.' column shows values 626.77, 606.86, 1629.71, and 1105.90. The 'Error %' column shows values 0.00%, 0.00%, 0.00%, and 0.00%. The 'Throughput' column shows values 1.8/sec, 1.9/sec, 1.6/sec, and 4.0/sec. The 'Received KB/sec' column shows values 205.46, 177.47, 148.78, and 401.38. The 'Sent KB/sec' column shows values 0.63, 0.46, 0.67, and 1.35. The 'Avg. Bytes' column shows values 116210.9, 95408.0, 95408.0, and 102342.3.

1.2.4 Graph results



1.2.5 View results in table



The screenshot shows the JMeter Test Plan tree on the left and the 'View Results in Table' configuration dialog on the right. The 'View Results in Table' tab is selected in the dialog. The table displays 51 rows of data, each representing a sample. The columns include Sample #, Start Time, Thread Name, Label, Sample Time(ms), Status, Bytes, Sent Bytes, Latency, and Connect Time(ms). The data shows various thread groups and labels such as 'Courses', 'View All Courses', 'Search course', etc., with corresponding sample times ranging from 1118 to 3886 ms.

Sample #	Start Time	Thread Name	Label	Sample Time(ms)	Status	Bytes	Sent Bytes	Latency	Connect Time(ms)
33	14:23:33.834	Thread Group 2-12	Courses	3886	✓	116202	355	284	2
34	14:23:35.309	Thread Group 2-15	Courses	2484	✓	116297	355	275	3
35	14:23:31.749	Thread Group 2-3	Search course	6129	✓	95417	428	177	0
36	14:23:36.268	Thread Group 2-17	Courses	1613	✓	116201	355	237	3
37	14:23:35.527	Thread Group 2-11	View All Courses	2500	✓	95405	246	196	0
38	14:23:36.652	Thread Group 2-14	View All Courses	1232	✓	95405	246	180	0
39	14:23:35.764	Thread Group 2-16	Courses	2413	✓	116165	355	237	3
40	14:23:37.464	Thread Group 2-13	Search course	1147	✓	95417	428	183	0
41	14:23:37.332	Thread Group 2-19	Courses	1431	✓	116285	355	271	1
42	14:23:37.888	Thread Group 2-17	View All Courses	920	✓	95393	246	169	0
43	14:23:37.730	Thread Group 2-12	View All Courses	1165	✓	95405	246	201	0
44	14:23:37.774	Thread Group 2-20	Courses	1270	✓	116201	355	272	2
45	14:23:36.628	Thread Group 2-18	Courses	2502	✓	116178	355	235	3
46	14:23:37.838	Thread Group 2-15	View All Courses	2087	✓	95405	246	299	0
47	14:23:38.232	Thread Group 2-16	View All Courses	1694	✓	95405	246	174	0
48	14:23:38.808	Thread Group 2-17	Search course	1118	✓	95405	428	175	0
49	14:23:38.084	Thread Group 2-14	Search course	1921	✓	95417	428	181	0
50	14:23:39.345	Thread Group 2-18	View All Courses	745	✓	95405	246	174	0
51	14:23:38.773	Thread Group 2-19	View All Courses	1358	✓	95405	246	191	0

1.3 Search job in software qatar

1.3.1 Request

The screenshot shows the JMeter Test Plan configuration. On the left, the tree view lists several thread groups and their components. The main configuration pane on the right is for a Thread Group named "Thread Group3". It includes fields for comments, error handling (Continue), and thread properties like number of threads (1000), ramp-up period (1 second), and loop count (2). It also includes checkboxes for same user per iteration and delay thread creation.

Test Plan

- User
 - visit job page
 - View Results Tree
 - Summary Report
 - Graph Results
 - View Results in Table
- Thread Group
 - Courses
 - Uniform Random Timer
 - All Courses
 - Uniform Random Timer
 - Search course
 - View Results Tree
 - Summary Report
 - Graph Results
 - View Results in Table
- Thread Group2
 - view law page
 - View Results Tree
 - Summary Report
 - Graph Results
 - View Results in Table
- Thread Group3

Thread Group

Name: Thread Group3

Comments:

Action to be taken after a Sampler error:

Continue Start Next Thread Loop Stop Thread Stop Test Stop Test Now

Thread Properties

Number of Threads (users): 1000

Ramp-up period (seconds): 1

Loop Count: Infinite 2

Same user on each iteration

Delay Thread creation until needed

Specify Thread lifetime

Duration (seconds):

Startup delay (seconds):

1.3.2 View results tree

The screenshot shows the JMeter Test Plan interface. On the left, the tree view displays the following structure:

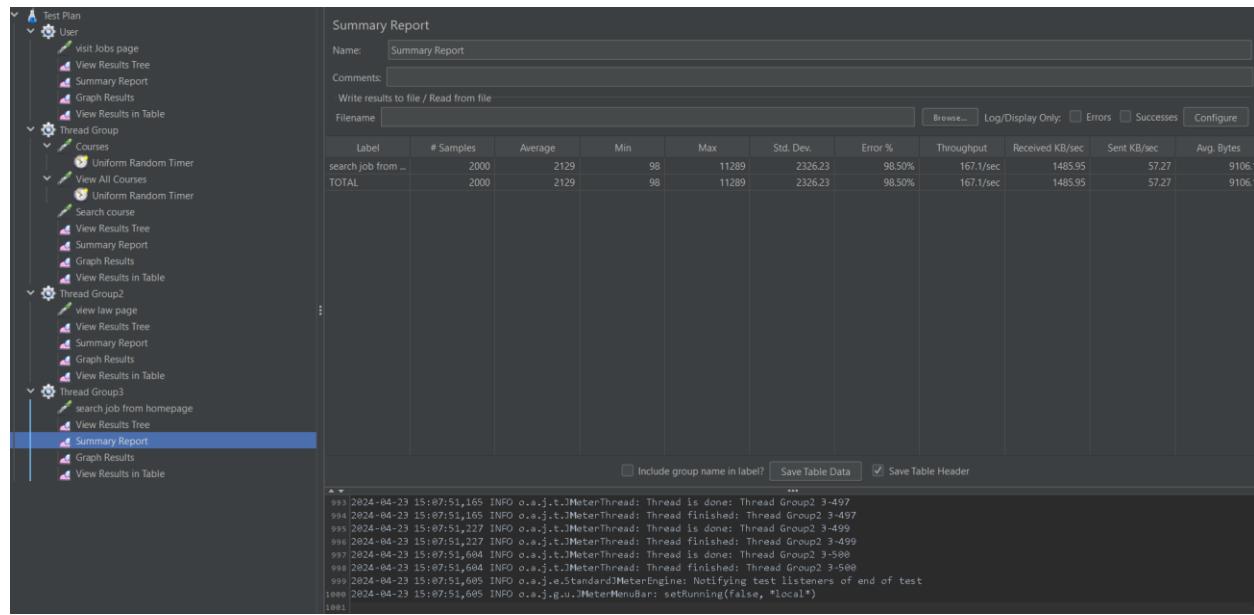
- Test Plan
- User
 - visit Jobs page
 - View Results Tree
 - Summary Report
 - Graph Results
 - View Results in Table
- Thread Group
 - Courses
 - Uniform Random Timer
 - View All Courses
 - Uniform Random Timer
 - Search course
 - View Results Tree
 - Summary Report
 - Graph Results
 - View Results in Table
- Thread Group 2
 - view law page
 - View Results Tree
 - Summary Report
 - Graph Results
 - View Results in Table
- Thread Group 3
 - search job from homepage
 - View Results Tree
 - Summary Report
 - Graph Results
 - View Results in Table

The 'View Results Tree' sampler under Thread Group 3 is currently selected, highlighted with a blue background. The right panel shows the 'View Results Tree' configuration dialog with the following settings:

- Name: View Results Tree
- Comments: Write results to file / Read from file
- Filename: [empty input field]
- Buttons: Browse... Log/Display Only: Errors Successes Configure

The main pane displays the 'Sampler result' list, which contains numerous entries for 'search job from homepage' with various status indicators (green, red, yellow).

1.3.3 Summary report



The screenshot shows the JMeter interface. On the left, the Test Plan tree view is expanded, showing a User thread group containing various requests like 'visit Jobs page' and 'View Results Tree'. Below it are three Thread Group nodes, each with its own set of requests. The third Thread Group's 'Summary Report' node is selected, highlighted in blue.

The main right panel displays the 'Summary Report' results. The 'Summary Report' tab is active. The 'Label' column lists 'search from ...' and 'TOTAL'. The '# Samples' column shows 2000 for both. The 'Average' column shows 2129 for both. The 'Min' and 'Max' columns show 98 for both. The 'Std. Dev.' column shows 2326.23 for both. The 'Error %' column shows 98.50% for both. The 'Throughput' column shows 167.1/sec for both. The 'Received KB/sec' column shows 1485.95 for both. The 'Sent KB/sec' column shows 57.27 for both. The 'Avg. Bytes' column shows 9106.1 for both.

At the bottom of the report panel, there are checkboxes for 'Include group name in label?', 'Save Table Data', and 'Save Table Header'. Below the report, a log window shows several INFO-level log entries related to thread completion and test end.

```

993 2024-04-23 15:07:51,165 INFO o.a.j.t.JMeterThread: Thread is done: Thread Group2 3-497
994 2024-04-23 15:07:51,165 INFO o.a.j.t.JMeterThread: Thread finished: Thread Group2 3-497
995 2024-04-23 15:07:51,227 INFO o.a.j.t.JMeterThread: Thread is done: Thread Group2 3-499
996 2024-04-23 15:07:51,227 INFO o.a.j.t.JMeterThread: Thread finished: Thread Group2 3-499
997 2024-04-23 15:07:51,684 INFO o.a.j.t.JMeterThread: Thread is done: Thread Group2 3-500
998 2024-04-23 15:07:51,684 INFO o.a.j.t.JMeterThread: Thread finished: Thread Group2 3-500
999 2024-04-23 15:07:51,685 INFO o.a.j.e.StandardJMeterEngine: Notifying test listeners of end of test
1000 2024-04-23 15:07:51,685 INFO o.a.j.g.u.JMeterMenuBar: setRunning(false, "local")
1001

```

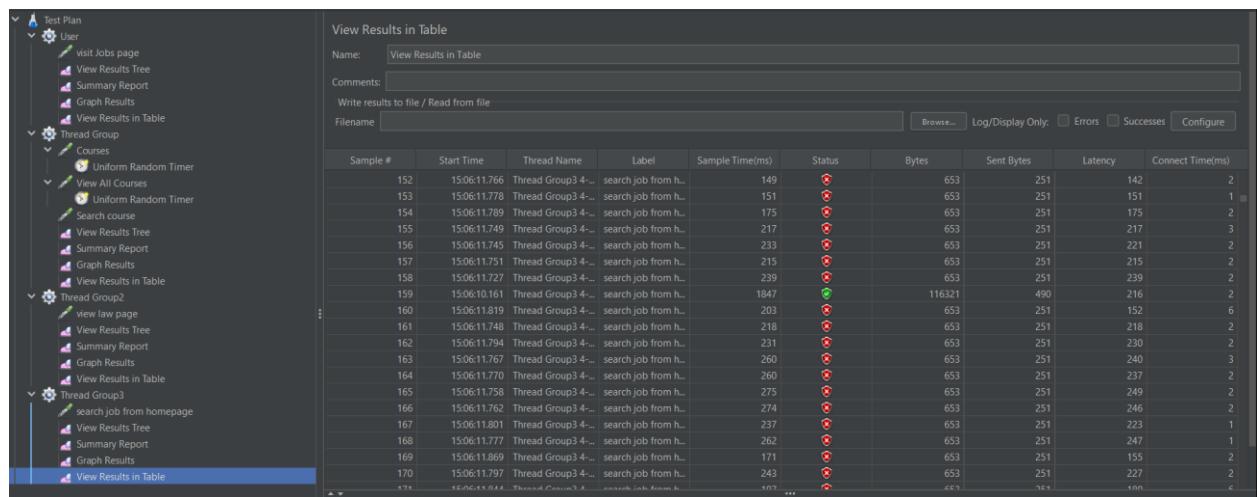
1.3.4 Graph results



The screenshot shows the JMeter interface. The Test Plan tree view is identical to the previous summary report screenshot, with the 'Graph Results' node under the third Thread Group selected.

The main right panel displays the 'Graph Results' results. The 'Graph Results' tab is active. The graph shows response time in milliseconds over 2000 samples. Multiple data series are plotted in different colors (green, blue, red, purple). The Y-axis ranges from 0 ms to 5658 ms. The X-axis shows 'No of Samples' at 2000 and 'Latest Sample' at 10270. Statistics at the bottom indicate an 'Average' of 2129, a 'Median' of 1255, and a 'Deviation' of 2326.

1.3.5 View results in table



The screenshot shows the JMeter Test Plan interface. On the left, there is a tree view of the test plan structure:

- Test Plan
 - User
 - visit Jobs page
 - View Results Tree
 - Summary Report
 - Graph Results
 - View Results in Table
 - Thread Group
 - Courses
 - Uniform Random Timer
 - View All Courses
 - Uniform Random Timer
 - Search course
 - View Results Tree
 - Summary Report
 - Graph Results
 - View Results in Table
 - Thread Group2
 - view law page
 - View Results Tree
 - Summary Report
 - Graph Results
 - View Results in Table
 - Thread Group3
 - search job from homepage
 - View Results Tree
 - Summary Report
 - Graph Results
 - View Results in Table

On the right, a 'View Results in Table' listener is configured with the following settings:

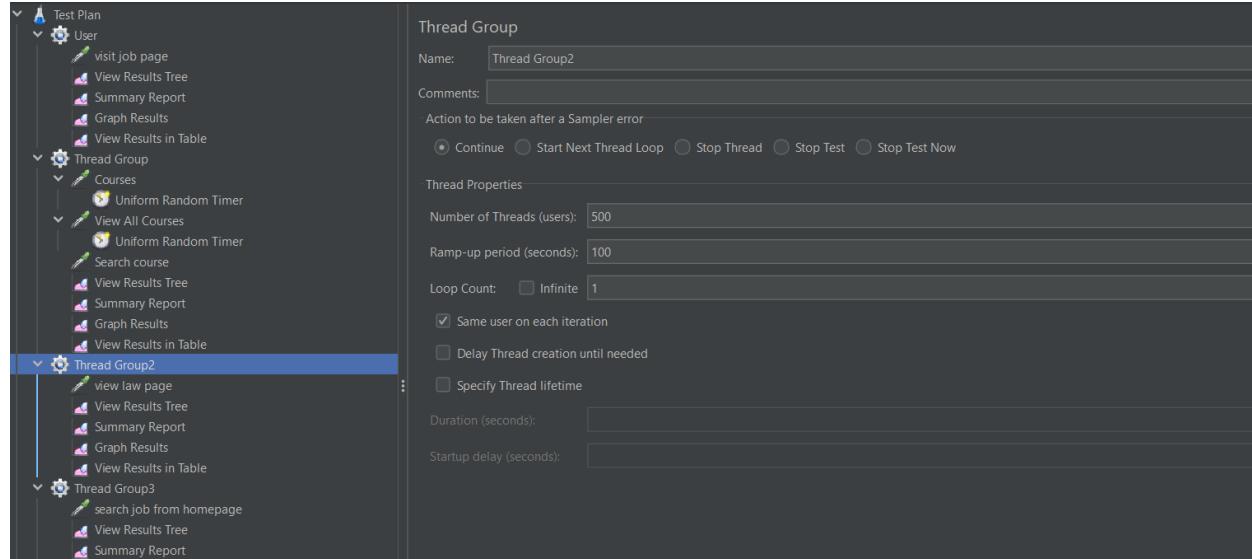
- Name: View Results in Table
- Comments: Write results to file / Read from file
- Filename: (empty)
- Log/Display Only: Errors, Successes
- Configure button

A table below shows the results of the test execution:

Sample #	Start Time	Thread Name	Label	SampleTime(ms)	Status	Bytes	Sent Bytes	Latency	Connect Time(ms)
152	15:06:11.766	Thread Group3 4..	search job from h..	149	✖	653	251	142	2
153	15:06:11.778	Thread Group3 4..	search job from h..	151	✖	653	251	151	1
154	15:06:11.789	Thread Group3 4..	search job from h..	175	✖	653	251	175	2
155	15:06:11.749	Thread Group3 4..	search job from h..	217	✖	653	251	217	3
156	15:06:11.745	Thread Group3 4..	search job from h..	233	✖	653	251	221	2
157	15:06:11.751	Thread Group3 4..	search job from h..	215	✖	653	251	215	2
158	15:06:11.727	Thread Group3 4..	search job from h..	239	✖	653	251	239	2
159	15:06:10.161	Thread Group3 4..	search job from h..	1847	✓	116321	490	216	2
160	15:06:11.819	Thread Group3 4..	search job from h..	203	✖	653	251	152	6
161	15:06:11.748	Thread Group3 4..	search job from h..	218	✖	653	251	218	2
162	15:06:11.794	Thread Group3 4..	search job from h..	231	✖	653	251	230	2
163	15:06:11.767	Thread Group3 4..	search job from h..	260	✖	653	251	240	3
164	15:06:11.770	Thread Group3 4..	search job from h..	260	✖	653	251	237	2
165	15:06:11.758	Thread Group3 4..	search job from h..	275	✖	653	251	249	2
166	15:06:11.762	Thread Group3 4..	search job from h..	274	✖	653	251	246	2
167	15:06:11.801	Thread Group3 4..	search job from h..	237	✖	653	251	223	1
168	15:06:11.777	Thread Group3 4..	search job from h..	262	✖	653	251	247	1
169	15:06:11.869	Thread Group3 4..	search job from h..	171	✖	653	251	155	2
170	15:06:11.797	Thread Group3 4..	search job from h..	243	✖	653	251	227	2

1.4 View law uae page

1.4.1 Request



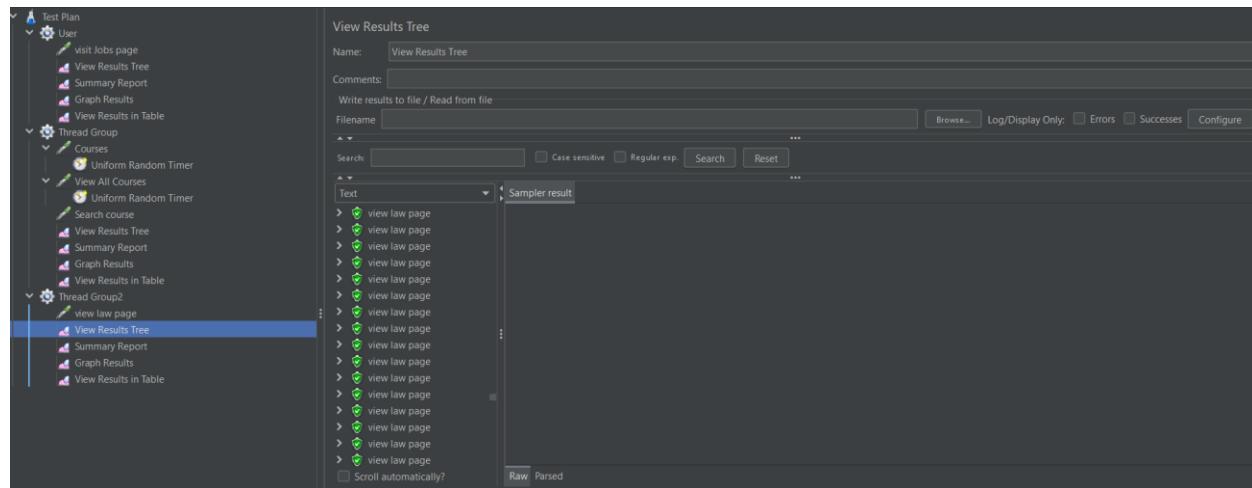
The screenshot shows the JMeter Test Plan interface. On the left, there is a tree view of the test plan structure:

- Test Plan
 - User
 - visit job page
 - View Results Tree
 - Summary Report
 - Graph Results
 - View Results in Table
 - Thread Group
 - Courses
 - Uniform Random Timer
 - View All Courses
 - Uniform Random Timer
 - Search course
 - View Results Tree
 - Summary Report
 - Graph Results
 - View Results in Table
 - Thread Group2
 - view law page
 - View Results Tree
 - Summary Report
 - Graph Results
 - View Results in Table
 - Thread Group3
 - search job from homepage
 - View Results Tree
 - Summary Report

On the right, a 'Thread Group' configuration is shown for the 'Thread Group2' element:

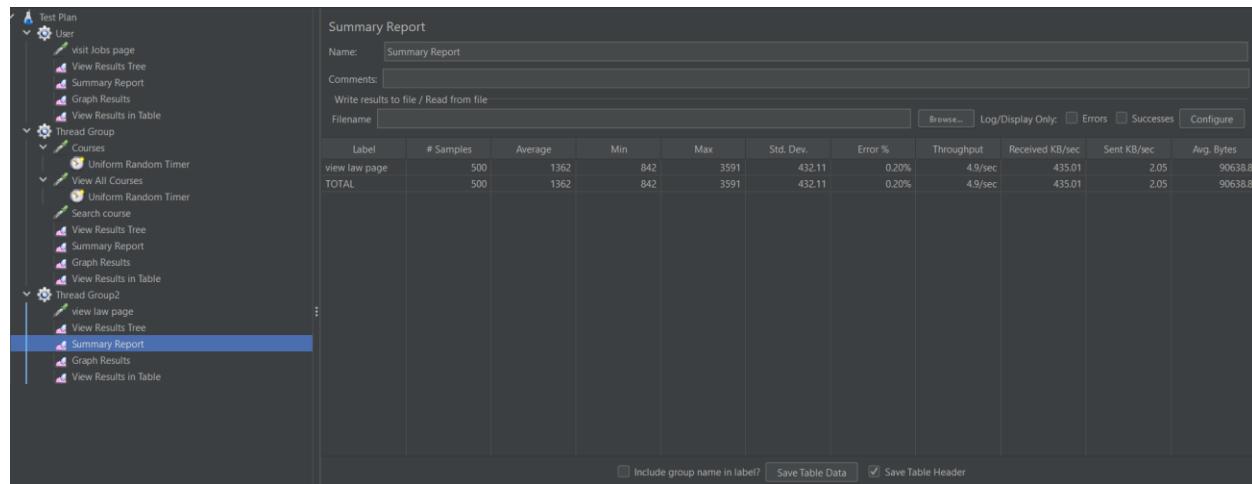
- Name: Thread Group2
- Comments:
- Action to be taken after a Sampler error:
 - Continue
 - Start Next Thread Loop
 - Stop Thread
 - Stop Test
 - Stop Test Now
- Thread Properties
 - Number of Threads (users): 500
 - Ramp-up period (seconds): 100
 - Loop Count: Infinite 1
 - Same user on each iteration
 - Delay Thread creation until needed
 - Specify Thread lifetime
 - Duration (seconds):
 - Startup delay (seconds):

1.4.2 View results tree



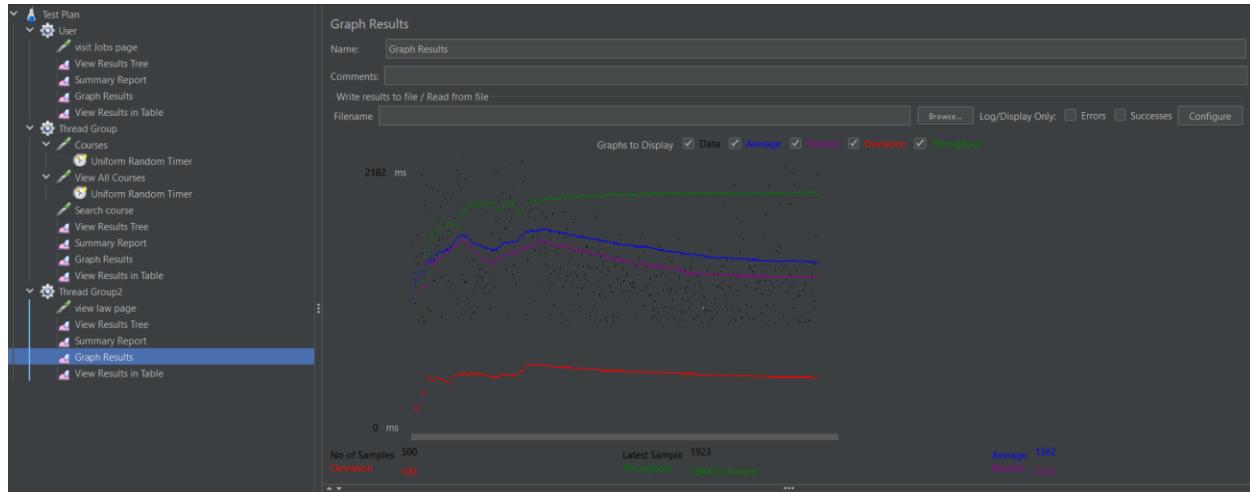
The screenshot shows the JMeter Test Plan editor. On the left, the test plan tree includes a User thread group containing a Thread Group named 'Courses'. This Thread Group has a Uniform Random Timer and a 'View All Courses' sampler. Below it is another Thread Group named 'Thread Group2' which contains a 'view law page' sampler and a 'View Results Tree' sampler. The 'View Results Tree' sampler is highlighted with a blue selection bar. On the right, the 'View Results Tree' configuration dialog is open. It shows the 'Text' tab with a list of 20 'view law page' entries, each preceded by a green checkmark indicating success. There are also 'Raw' and 'Parsed' tabs at the bottom.

1.4.3 Summary report

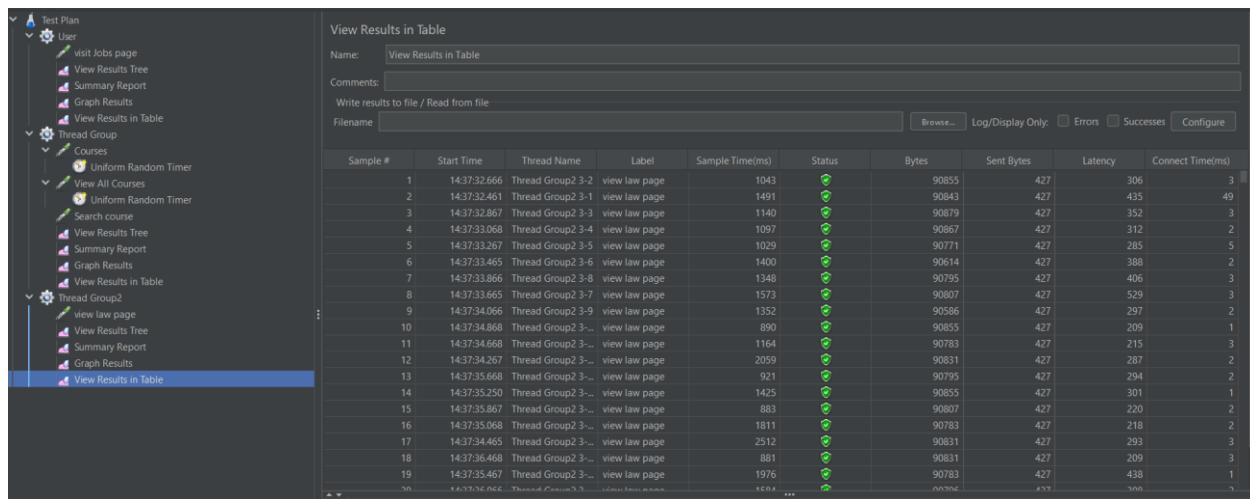


The screenshot shows the JMeter Test Plan editor. The same structure as the previous screenshot is present: a User thread group with a 'Courses' Thread Group containing a Uniform Random Timer and a 'View All Courses' sampler, and a 'Thread Group2' containing a 'view law page' sampler and a 'Summary Report' sampler. The 'Summary Report' sampler is highlighted with a blue selection bar. On the right, the 'Summary Report' configuration dialog is open. It shows the 'Label' table with two rows: 'view law page' and 'TOTAL'. The 'view law page' row has values: # Samples 500, Average 1362, Min 842, Max 3591, Std. Dev. 432.11, Error % 0.20%, Throughput 4.9/sec, Received KB/sec 435.01, Sent KB/sec 2.05, and Avg. Bytes 90638.8. The 'TOTAL' row has identical values. At the bottom of the dialog, there are checkboxes for 'Include group name in label?' (unchecked), 'Save Table Data' (unchecked), and 'Save Table Header' (checked).

1.4.4 Graph results



1.4.5 View results in table



The screenshot shows the JMeter Test Plan interface. On the left, the tree view shows a 'User' element with 'View Results in Table' selected. The main panel is titled 'View Results in Table' and displays a table of test results. The table has 20 rows, each representing a sample. The columns are: Sample #, Start Time, Thread Name, Label, Sample Time(ms), Status, Bytes, Sent Bytes, Latency, and Connect Time(ms). The table shows various thread group names and labels like 'view law page'.

Sample #	Start Time	Thread Name	Label	Sample Time(ms)	Status	Bytes	Sent Bytes	Latency	Connect Time(ms)
1	14:37:32.666	Thread Group2 3-2	view law page	1043	✓	90855	427	306	3
2	14:37:32.461	Thread Group2 3-1	view law page	1491	✓	90843	427	435	49
3	14:37:32.867	Thread Group2 3-3	view law page	1140	✓	90879	427	352	3
4	14:37:33.068	Thread Group2 3-4	view law page	1097	✓	90867	427	312	2
5	14:37:33.267	Thread Group2 3-5	view law page	1029	✓	90771	427	285	5
6	14:37:33.465	Thread Group2 3-6	view law page	1400	✓	90614	427	388	2
7	14:37:33.866	Thread Group2 3-8	view law page	1348	✓	90795	427	406	3
8	14:37:33.665	Thread Group2 3-7	view law page	1573	✓	90807	427	529	3
9	14:37:34.066	Thread Group2 3-9	view law page	1352	✓	90586	427	297	2
10	14:37:34.868	Thread Group2 3...	view law page	890	✓	90855	427	209	1
11	14:37:34.668	Thread Group2 3...	view law page	1164	✓	90783	427	215	3
12	14:37:34.267	Thread Group2 3...	view law page	2059	✓	90831	427	287	2
13	14:37:35.668	Thread Group2 3...	view law page	921	✓	90795	427	294	2
14	14:37:35.250	Thread Group2 3...	view law page	1425	✓	90855	427	301	1
15	14:37:35.867	Thread Group2 3...	view law page	883	✓	90807	427	220	2
16	14:37:35.068	Thread Group2 3...	view law page	1811	✓	90783	427	218	2
17	14:37:34.465	Thread Group2 3...	view law page	2512	✓	90831	427	293	3
18	14:37:36.468	Thread Group2 3...	view law page	881	✓	90831	427	209	3
19	14:37:35.467	Thread Group2 3...	view law page	1976	✓	90783	427	438	1
20	14:37:35.662	Thread Group2 3...	view law page	4004	✗	90795	427	766	7