

ASSIGNMENT 2(20010920-T244)

AUTOMATED GUI BASED TESTING

USER STORIES & ACCEPTANCE CRITERIA

User story 1(TC1_testingprofile_edit.txt):

Any user who wants to edit his personal details can visit his profile page and edit his personal details and contact information.

- Acceptance criteria:
Profile edit option is important for a job seeker or employer because he/she can change any of his personal information like contact information and name etc. This helps in change in contact information or personal information in future.
- Test Case Flow:
My test case was designed to add name in first name. Test case flow starts from clicking the profile option and selecting profile edit option. After adding a new name and saving it. If the name is edited, the test case is accepted.

User story 2(TC2_testingsearch.txt):

As a user who wants to search for jobs, he/she wants to use the search option.

- Acceptance criteria:
Our website glass door is mainly used by job seekers who wants to search for jobs. Using search option is the most important feature of glass door website.
- Test Case flow:
The test flow starts from typing “data analytics” in Job title and clicking search button. The test case is accepted by match analysis which checks for “data analytics jobs”.

User story 3(TC3_testingsavedjobs.txt):

Any user wants to save his/her interested job postings would like to save in a special folder by using the save options by clicking on like symbol.

- Acceptance criteria:
Any user who wants to save his/her interested jobs, so as to not miss any opportunities. Saving jobs helps a lot of time for the user making user apply all his saved jobs easily at once.
- Test flow:
Initially, the flow starts by clicking on the like option for jobs present in timeline. The website is reloaded, and notifications icon is checked for number of saved jobs. After match analysis is done, the user is logged out.

User story 4(TC4_testingwritereview.txt)

Any previous employee or present employee can upload a review for a company to share their work experience by writing a review.

- Acceptance criteria:
Write a review option is a very unique and helpful option for new job seekers. It helps them to learn about the work environment they are going to apply for.
- Test Flow:
The test flow starts from clicking on contributions options. The test starts by filling a dummy review for world youth council, and saving the review. The user is finally logged out.

User story 5(TC5_testing_delete_review.txt):

Any reviews added by user can be deleted in instant by using the delete option in reviews category.

- Acceptance criteria:
Any user can delete or edit his reviews contribution by clicking on the delete review option. Some times users can add review for wrong companies which might affect user rating. Delete option is quite useful for wrong reviews.
- Test flow:
The flow starts by clicking on contribution options and visiting reviews criteria. Recent posted reviews are shown with two options (edit/delete). The test case is completed by clicking on delete option and analyzing if the review is deleted.

User story 6(TC6_testinglocationchange.txt):

Any user can change their respective location in order to know about the jobs offered by companies in the particular location.

- Acceptance criteria:
Few job seekers would like to search for jobs in the particular location, customized according to their situation. Customizing the location is an important feature for Glassdoor.
- Test flow:
The test flow starts from removing the current saved location (Karlskrona) and change to new location (Sweden). The test case is accepted by analyzing "jobs in Sweden" text.

User story 7(TC7_testingprivacysettings.txt):

As a user who wants better security for his/her account's privacy can set their profile privacy to control who can see your profile information.

- Acceptance criteria:
Users who don't want their details to be public can set up their profile privacy. The option doesn't hinder the users for applying new job.
- Test flow:

The test case starts by going to the profile section and clicking manage privacy button. The setting is changed from “viewable from employees” to “hide from employees”. Match analysis is done if the settings are changed to “private”.

User story 8(TC8_testingterms&condbutton.txt):

Any user can know the terms and conditions of the website before registering for it.

- Acceptance criteria:
Terms and conditions are important for users to know what kind of personal information the website uses for accessing the website. It helps in user’s privacy.
- Test flow:
The terms and condition button is clicked, which is present on the website home page. The test case is passed if the match analysis of “Glassdoor Terms of Use” is passed.

User story 9(TC9_testinghelpcenter.txt):

Any user who has job or account related queries can always click on help center in order to get clarified.

- Acceptance criteria:
Help center is very beneficial for new users and users who are lost with doubt. As the website doesn’t have any customer care, working of help center without glitches is a must.
- Test flow:
The flow starts by clicking the help center category. After the new tab is loaded, a test is done by giving a question in the question bar. The “results of question” are matched to check if the correct results are shown.

User story 10(TC10_testing_comparecompanies.txt):

As a user who wants to know the pros and cons between companies and their jobs offered, we can have a clear idea by clicking on “compare companies” and choosing the required companies for the comparison.


















- Acceptance criteria:
Any employee who likes to choose between two or more companies can efficiently use compare option between companies. This unique feature make Glassdoor stand out from any other website.
- Test flow:
This test checks if comparison between two companies is done correctly. The test starts by clicking on the option comparing companies and selecting two preferred options. Match analysis is done with the results expected “option 1 vs option 2”.

Development and Execution Time:

S. No	Test cases and Test Suite	Development Time (min)	Execution Time (Ms)
1	TC1_testingprofile_edit.txt	60	36810
2	TC2_testingsearch.txt	10	33270
3	TC3_testingsavedjobs.txt	30	24490
4	TC4_testingwritereview.txt	70	81730
5	TC5_testing_delete_review.txt	10	29450
6	TC6_testinglocationchange.txt	10	30050
7	TC7_testingprivacysettings.txt	20	34190
8	TC8_testingterms&condbutton.txt	5	05550
9	TC9_testinghelpcenter.txt	20	32260
10	TC10_testing_comparecompanies.txt	30	43060
11	Login.txt	2	10710
12	Logout.txt	2	8900
13	Test cases suite.txt	80	367240

TC1_testingprofile_edit.txt

For checking if profile information can be edited.

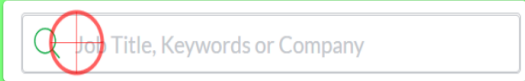



Test Run for TC1_testingprofile_edit.txt		
14/02/2022 20:18:43		
Command		Run Status
Click Sign In		Passed Screenshot
DragStart		49.32 Passed Screenshot
MouseScroll 3		Passed
DragDrop		Passed Screenshot
click		Passed Screenshot
Type john.doe@gmail.com		Passed
Click Password		Passed Screenshot
Type whistonsname		Passed
Type [ENTER]		Passed
Sleep 500		Passed
Find		Passed Screenshot
Sleep 200		Passed
Click		Passed Screenshot
Sleep 500		Passed
MouseScroll 2		Passed
Sleep 1000		Passed
MouseScroll 2		Passed
Find		Passed Screenshot
Click		35.45 Passed Screenshot
click		Passed Screenshot
Type free		Passed
Click		Passed Screenshot
Sleep 500		Passed
Click		Passed Screenshot
Sleep 1000		Passed
MatchAnalysis		7.7.53.24 Passed Screenshot
Click		34.31 Passed Screenshot
Find		28.50 Passed Screenshot
Sleep 1000		Passed
Click		42.50 Passed Screenshot

TC2_testingsearch.txt

For testing the search option for job posts.

Test Run for TC2_testingsearch.txt

12/02/2022 23:15:34

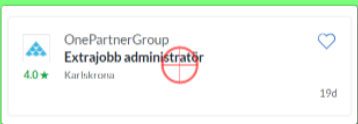





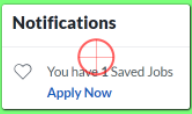
Command	Run Status
Call scripts/login.txt	Passed
Click  14 52	Passed Screenshot
Type "data analytics"	Passed
Click 	Passed Screenshot
Click 	Passed Screenshot
Sleep 500	Passed
MatchAnalysis 	Passed Screenshot
Call scripts/logout.txt	Passed

TC3_testingsavedjobs.txt

For testing if the saved job posts are saved correctly.















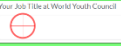



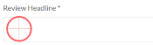
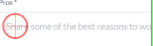
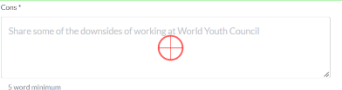


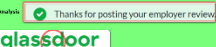

Test Run for TC3_testingsavedjobs.txt

12/02/2022 23:50:22

Command	Run Status
Call scripts/login.txt	Passed
Sleep 1500	Passed
Find  19d	Passed Screenshot
Click  19d	Passed Screenshot
Sleep 1000	Passed
Find 	Passed Screenshot
Click 	Passed Screenshot
Sleep 1000	Passed
Find  14 54	Passed Screenshot
Click 	Passed Screenshot
MatchAnalysis 	Passed Screenshot
Call scripts/logout.txt	Passed











TC4_testingwritereview.txt

For testing if the user can write review for a company and submit it.

Test Run for TC4_testingwritereview.txt		
18/02/2022 04:28:12		
Comment		Run Status
Call url: https://www.glassdoor.com/		Passed
Test		Passed Screenshot: 01
Click		Passed Screenshot: 02
Click		Passed Screenshot: 03
Step: 013		Passed
Click		Passed Screenshot: 04
Click	 4.75 (99.7%)	Passed Screenshot: 05
Click	 160,762 (7%)	Passed Screenshot: 06
Step: 023		Passed
Click	 19,322 (21%)	Passed Screenshot: 07
Step: 023		Passed
Click	 96,738 (21%)	Passed Screenshot: 08
Type: "world youth council"		Passed
Type: "INTERVIEW"		Passed
Click		Passed Screenshot: 09
Step: 033		Passed
Test	 5.0 (9.9%)	Passed Screenshot: 10
Click	 5.0 (9.9%)	Passed Screenshot: 11
MouseDown: 1		Passed
Find	 167,706 (11%)	Passed Screenshot: 12
Click	 160,117 (7%)	Passed Screenshot: 13
Click	 11,924 (3%)	Passed Screenshot: 14
Step: 033		Passed
Click	 20 (0%)	Passed Screenshot: 15
Type: teacher		Passed
Step: 053		Passed
Test	 5,581 (1%)	Passed Screenshot: 16
Click	 4,934 (0.5%)	Passed Screenshot: 17
Step: 053		Passed
Test	 18,711 (0.8%)	Passed Screenshot: 18
Click	 17 (0.02%)	Passed Screenshot: 19
Type: "You're an awesome..."		Passed
Test	 12 (0.02%)	Passed Screenshot: 20
Type: "You're a wonderful and great work environment"		Passed
Step: 073		Passed
MouseDown: 4		Passed
Step: 073		Passed
Click	 5 word minimum	Passed Screenshot: 21
Type: "The upside: nothing of ours"		Passed
MouseDown: 13		Passed
Step: 073		Passed
Click	 18 (0.02%)	Passed Screenshot: 22
Step: 073		Passed
Click	 19 (0.02%)	Passed Screenshot: 23
Step: 073		Passed
MouseDown: 14	 15,075 (4%)	Passed Screenshot: 24
Click		Passed Screenshot: 25
Step: 073		Passed
Call url: https://www.glassdoor.com/		Passed

TC5_testing_delete_review.txt

For testing if the review submitted can be deleted.

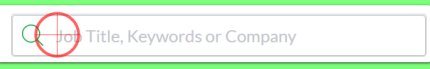



Test Run for TC5_testing_delete_review.txt		
13/02/2022 02:24:03		
Command		Run Status
Call scripts/login.txt		Passed
Find 		Passed Screenshot
Click 		Passed Screenshot
Click 		Passed Screenshot
Sleep 400		Passed
Find 		Passed Screenshot
Click  4 15 93 35		Passed Screenshot
Click 		Passed Screenshot
Sleep 500		Passed
Click 		Passed Screenshot
Sleep 1000		Passed
MatchAnalysis  Your review has been deleted 		Passed Screenshot
Click 		Passed Screenshot
Sleep 500		Passed
Call scripts/logout.txt		Passed

TC6_testinglocationchange.txt

For testing if the user can customize his location.

Test Run for TC6_testinglocationchange.txt

13/02/2022 03:57:47



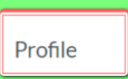

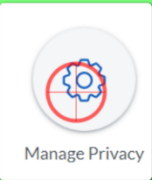
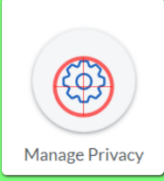
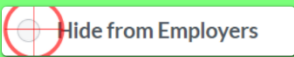

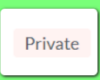
Command	Run Status
Call scripts/login.txt	Passed
Click  Job Title, Keywords or Company 14 52	Passed Screenshot
Type "data analytics"	Passed
Click  37 58	Passed Screenshot
Sleep 300	Passed
Type [BACKSPACE]	Passed
Type [BACKSPACE]	Passed
Type [BACKSPACE]	Passed
Type [BACKSPACE]	Passed
Type [BACKSPACE]	Passed
Type [BACKSPACE]	Passed
Type [BACKSPACE]	Passed
Type [BACKSPACE]	Passed
Type [BACKSPACE]	Passed
Type [BACKSPACE]	Passed
Sleep 200	Passed
Type sweden	Passed
Type [ENTER]	Passed
Sleep 400	Passed
Find  5 6 139 33	Passed Screenshot
MatchAnalysis  5 6 139 33	Passed Screenshot
Call scripts/logout.txt	Passed

TC7_testingprivacysettings.txt

Testing if the user profile can be changed from public to private.

Test Run for TC7_testingprivacysettings.txt

13/02/2022 05:23:38


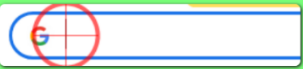
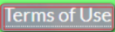


Command	Run Status
Call scripts/login.txt	Passed
Find  25 23 35 36	Passed Screenshot
Sleep 400	Passed
Click 	Passed Screenshot
Sleep 500	Passed
Find  3 6 128 61	Passed Screenshot
Click  77 50	Passed Screenshot
Sleep 1000	Passed
MouseScroll 4	Passed
Find  Manage Privacy	Passed Screenshot
Click  Manage Privacy	Passed Screenshot
Sleep 500	Passed
Click  Hide from Employers 11 47	Passed Screenshot
Sleep 200	Passed
Click  Save	Passed Screenshot
Sleep 300	Passed
MatchAnalysis  Private	Passed Screenshot
Sleep 200	Passed
Call scripts/logout.txt	Passed

TC8_testingterms&condbutton.txt

To test if the terms and condition button redirects to terms and condition page.

Test Run for TC8_testingterms&condbutton.txt

13/02/2022 05:34:18

Command	Run Status
DoubleClick 	Passed Screenshot
Click  22 51	Passed Screenshot
Type www.glassdoor.co.in	Passed
Type [ENTER]	Passed
Sleep 500	Passed
Click  4 3 102 21	Passed Screenshot
Sleep 500	Passed
MatchAnalysis 	Passed Screenshot
MatchAnalysis 	Passed Screenshot




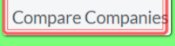




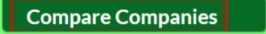
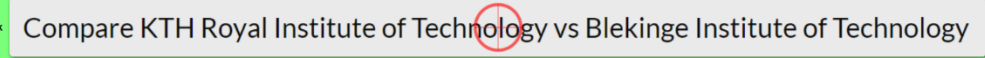
TC9_testinghelpcenter.txt

To check if the user can access help center and get results for a searched question.

Test Run for TC9_testinghelpcenter.txt		
14/02/2022 01:22:01		
Command		Run Status
Call scripts/login.txt		Passed
Find 	25 23 35 36	Passed Screenshot
Sleep 400		Passed
Click 		Passed Screenshot
Sleep 500		Passed
Find 	4 5 198 62	Passed Screenshot
Click 	7 7 188 62	Passed Screenshot
Sleep 1000		Passed
MatchAnalysis 		Passed Screenshot
Find 		Passed Screenshot
Click 	28 10 516 30	Passed Screenshot
Type "how to make resume private"		Passed
Type [ENTER]		Passed
Sleep 500		Passed
MouseScroll 3		Passed
Sleep 200		Passed
MatchAnalysis 	7 3 461 41	Passed Screenshot
Sleep 200		Passed
Click 	42 6 30 28	Passed Screenshot
Find 	28 50	Passed Screenshot
Sleep 1000		Passed
Click 	42 50	Passed Screenshot


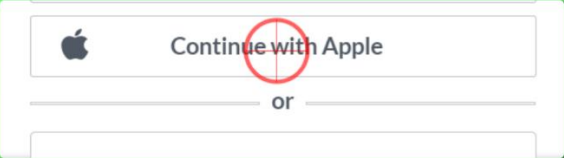
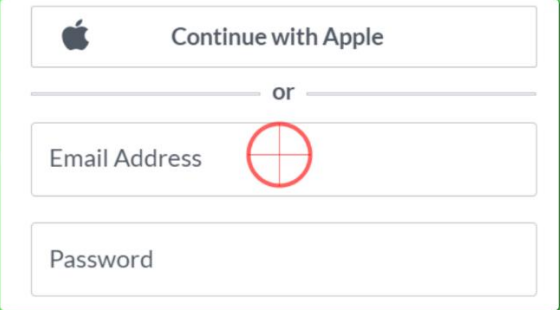


TC10_testing_comparecompanies.txt

To check if user can compare between two companies efficiently.

Test Run for TC10_testing_comparecompanies.txt		
13/02/2022 21:50:02		
Command		Run Status
Call scripts/login.txt		Passed
Find	 5 5 220 65	Passed Screenshot
Click		Passed Screenshot
Sleep 600		Passed
Find		Passed Screenshot
Click	 6 5 204 45	Passed Screenshot
Sleep 500		Passed
MouseScroll 3		Passed
Sleep 500		Passed
Click		Passed Screenshot
Type bth		Passed
Sleep 300		Passed
Click	 Blekinge Institute of www.bth.se	Passed Screenshot
Sleep 300		Passed
Click		Passed Screenshot
Type kth		Passed
Sleep 300		Passed
Click	 KTH Royal Institute of www.kth.se	Passed Screenshot
Sleep 300		Passed
Click	 16 4 272 38	Passed Screenshot
Sleep 1000		Passed
Check	 Compare KTH Royal Institute of Technology vs Blekinge Institute of Technology	Passed Screenshot
Call scripts/logout.txt		Passed

Login.txt

To check if user can login with ease.



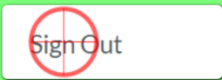

Test Run for login.txt		
14/02/2022 20:24:29		
Command		Run Status
Click		Passed Screenshot
DragStart		49 32 Passed Screenshot
MouseScroll 3		Passed
DragDrop		Passed Screenshot
Click		Passed Screenshot
Type	jpinkmen5@gmail.com	Passed
Click		Passed Screenshot
Type	whatsmyname	Passed
Type	[ENTER]	Passed

Logout.txt

Test case for logout from account.

Test Run for logout.txt


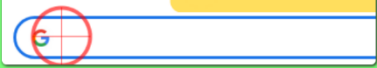

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Command		Run Status
Find		Passed Screenshot
Click	 55 56	Passed Screenshot
Find	 28 50	Passed Screenshot
Sleep	1000	Passed
Click	 42 50	Passed Screenshot

Test cases suite.txt

Test Run for Test cases suite.txt

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Command	Run Status
 DoubleClick	Passed Screenshot
 Click 16 60	Passed Screenshot
Type www.glassdoor.co.in	Passed
Type [ENTER]	Passed
Call scripts/TC1_testingprofile_edit.txt	Passed
Sleep 1000	Passed
Call scripts/TC2_testingsearch.txt	Passed
Sleep 1000	Passed
Call scripts/TC3_testingsavedjobs.txt	Passed
Sleep 1000	Passed
Call scripts/TC6_testinglocationchange.txt	Passed
Sleep 1000	Passed
Call scripts/TC7_testingprivacysettings.txt	Passed
Sleep 1000	Passed
Call scripts/TC8_testingterms&condbutton.txt	Passed
Sleep 1000	Passed
Sleep 500	Passed
Call scripts/TC10_testing_comparecompanies.txt	Passed
Sleep 1000	Passed
 Click 12 7 47 32	Passed Screenshot

SUMMARY:

- I like to consider my test suite as high automation testing because I firstly decided to check important features of my website like search, saved jobs, customizing location, adding reviews etc. My test cases were more frequent and became much better with more testing.
- Different situations (slow internet speed, page load) are kept in mind while giving the sleep () function so as to make tests more efficient.
- All the test cases taken and considered are independent which makes my test suite efficient practically.
- Moreover, script-based testing is easier and more comfortable compared to code driven testing. Defining test actions using eye automate tool which works with image recognition saves a lot of time for automation in real practice.

EYE AUTOMATE TOOL:

Pros:

- Image recognition makes test easier to define actions.
- Report helps in finding out errors easier in unit testing.
- Run time and build time is faster compared to code driven testing.

Cons:

- Testing in image recognition is tedious and tiring work. Image recognition sometimes work well and sometimes not.
- Overall test suite run created more errors even though unit testing run well.