TEST SWAGLABS WEBSITE

Requirements Document

Index

1. Introduction

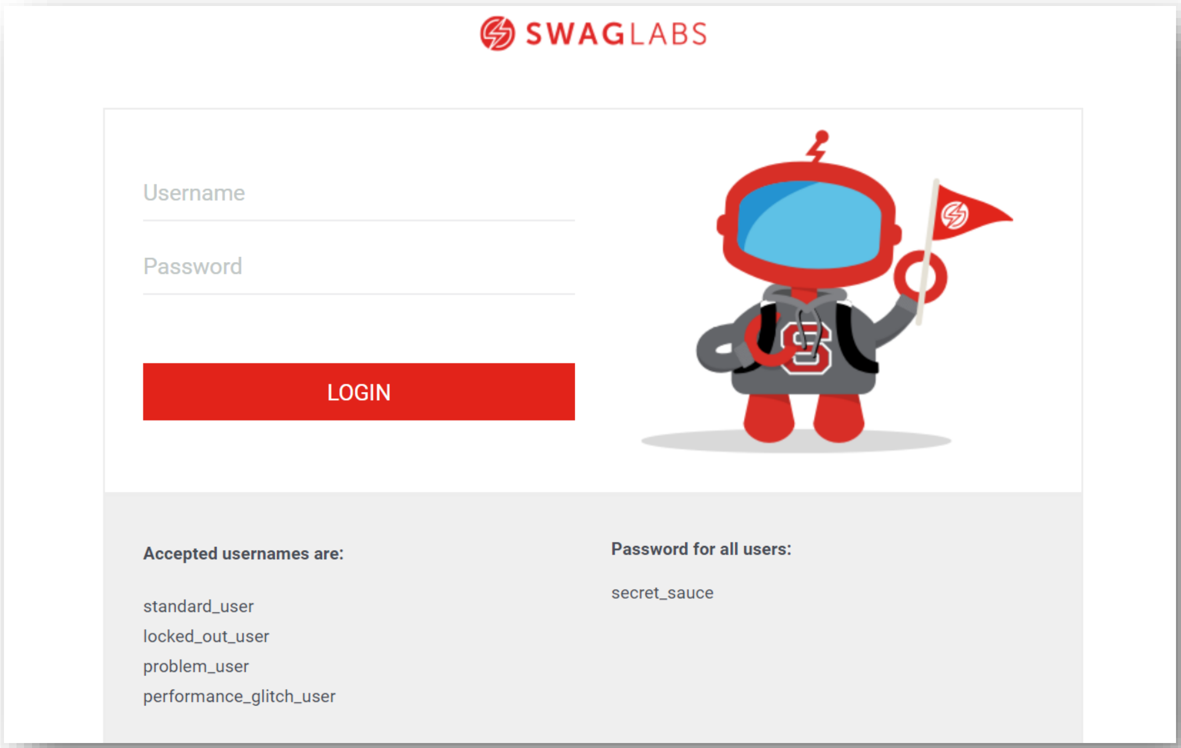
1.1 Objectives

Testing's primary objective is to find as many bugs as possible in software products while determining whether the program satisfies user requirements.

Testing

1.2 SWAGLABS Overview

SWAGLAB is a useful demo website for testing login and shopping cart processes. A key point about this one is that it has four separate logins—normal, locked out, issue user, and performance glitch user—can be used for various experiences on the same website.



Accepted usernames are:

standard_user
locked_out_user
problem_user
performance_glitch_user

Password for all users:

secret_sauce

2. Requirements

2.1. Manual Testing:

- Open the SWAGLAB website https://www.saucedemo.com/
- Using Microsoft Excel:
    1. create a sheet include test scenario template that contains all scenarios that will be tested.
    2. create a sheet include test case template that contains all test cases that will be tested.
    3. create a sheet include bug template that contains all bugs that will be reported.
- Execute test cases and write a report on detected bugs.
- Ensure that bidirectional traceability can be captured between test base elements.

Note:

Test cases must cover all users: standard_user, locked_out_user, problem_user and performance_glitch_user

2.2. Automation Testing

- Open the SWAGLAB website https://www.saucedemo.com/

- Using Microsoft Excel:
  1. create a sheet contains all test cases that will be tested for search function.
  2. create a sheet contains all bugs that will be reported for search function.

- Create an automated system to execute your test cases

- Run your test and write a report on any bugs detected

- The bug report is automatically filled in during the execution of the test. (Optional)

- Ensure that bidirectional traceability can be captured between test base elements

Note:
Test cases must cover standard_user and problem_user.

2.3. Summary Report

- Create Summary report contains statistics such as: total test cases, passed test cases, failed test cases, bugs, …etc.

3. keep in mind

- Test cases should represent the user experience in all circumstances and environments
- As a tester, use your creative thinking and critical eye to elicit as many test cases as possible to detect potential defects
- In some cases, you may need to use the techniques we have learned to elicit test cases
- Keep in mind the concepts and principles we learned in the quality assurance fundamental course

4. See References

- https://testlio.com/blog/the-ideal-bug-report/
- https://marker.io/blog/bug-report-template#excel
- https://www.smartsheet.com/test-case-templates-examples
- https://www.parasoft.com/blog/how-to-write-test-cases-for-software-examples-tutorial/
- https://www.guru99.com/test-case.html
- https://www.browserstack.com/guide/how-to-write-a-bug-report

5. Project Programming Language and Technologies

- Visual Studio Program.
- Selenium Web driver.
- C# Programming Language.
- Microsoft Excel.

6. Project Upload Requirements

- Upload your project code as zip file.
- Upload all Excel files.
- Upload Project Video.

7. Project Evaluation

- 15% Summary Report.
- 35% Automation Test.
- 50% Manual Test.

8. Deadline

<u>23/08/2022 - 6/09/2022</u>

The project is submitted on the portal: on 23/08/2022.