

SRS Documentation for Week 4

Developer Details:

Dhwani Patel

Full Stack Engineer

Current Project : Testing an online shopping website.

Project objective:

As a Full Stack Developer, complete testing the features of the application by planning the development in terms of sprints and then push the source code to the GitHub repository. As a TestNG project having it's own .html file. The tester interaction will be via the TestNG test or the index.html file.

GOAL:

To develop an automatic testing TestNG project for an online shopping website : <http://automationpractice.com/index.php>. Handling various functions along with invalid logins. The aim is to develop a multiple test to handle the above functions using Selenium WebDriver, TestNG.

Test the Following functionality:

1. Registration Form
2. Login
3. Search Bar
4. Add-To-Cart
5. Handle Invalid logins.
6. Display Appropriate Error Messages.

TOOLS USED:

1. Jdk 1.8, Jre
2. Spring Tool Suite 4.0
3. Local File Directory.
4. Maven
5. TestNG Suite
6. Selenium WebDriver

INTENDED AUDIENCE

1. Anyone who intends to test the above functionality.

SPRINT

- 1 week per project, per module is one sprint. Sprints are of minimum a week's period. Hence we are currently done with sprint 1.

STEPS REQUIRED TO SET UP

1. Open a shell at the desired location to download the files.
2. git init
3. git clone https://github.com/dhwani2909/BNP_SimplilearnProject.git
4. Create a folder to store and access all the files in one place.
5. Copy the directory.
6. Open the project in the spring tool suite 4.0
7. Follow the order to change the directory.
8. Access the files from the package explorer.
9. Make sure to add the TestNG Suite from the marketplace.
10. Right Click on the file you want to test.(There are two files one which tests the registration and login validations(*RegisterUser.java*),Second which handles the rest of the functionalities(*TestNgBasics.java*).
11. Right click on the desired file>Run as>TestNg Test. [You will be able to see the TestNg Test option if testng suite was successfully installed]
12. The test will be automatically executed as per the problem definition.
13. Refer to the comments in each method for more description.
14. For the html view open the src>test-ouput>index.html>open with>Web Browser.[This will give you a better view of the test.]

