

TEST PLAN DOCUMENT FOR WEB PAGE

<http://automationpractice.com/index.php>

ChangeLog

Version	Change Date	By	Description
version number	Date of Change	Name of person who made changes	Description of the changes made
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1. INTRODUCTION

This Test Plan is designed to prescribe and define the scope, approach, resources, and schedule of all testing activities of the web page: <http://automationpractice.com/index.php>

The plan identify the items to be tested, the features to be tested, the types of testing to be performed, the personnel responsible for testing, the resources and schedule required to complete testing, and scope of testing which will be performed.

1.1. SCOPE

1.1.1. In Scope

This test plan is focused on performing Smoke test to check basic functionalities of web page, how web page handles expected and unexpected user behavior and inputs. Also minimum of test automatization will be executed using Selenium tool on top of some smoke tests.

1.1.2. Out Of Scope

Test plan doesn't focus on performance of web page, security or backend processing. Functionalities like payment also will not be focus of testing. Frontend of web page, design and position of each element/form/button also aren't in the focus of this test plan.

1.2. Quality Objective

Objective of this test plan is to guarantee all operation such as creating user account, login of user with created account, adding to cart one item, adding to cart multiple items, checking out the cart, searching specific item in search box, adding itmes to wish list etc. can work normally in real business environment by the end users.

1.3. Roles and Responsibilities

Team members for this test plan is made of:

1. Test manager: Manages the whole project. Defines project directions .Acquires appropriate resources
2. Tester: Identifying and describing appropriate test techniques/tools/automation architecture. Verifying and assess the Test Approach. Executes the tests, Log results, Report the defects.

3. Test Administrator: Builds up and ensures test environment and assets are managed and maintained. Support Tester to use the test environment for test execution.
4. SQA members: Checks to confirm whether the testing process is meeting specified requirements.

2. Test Levels

In this test plan, there're 3 types of testing should be conducted:

1. Smoke test
2. Positive test
3. Negative test
4. Automation of smoke test using Selenium, a free (open-source) automated testing framework used to validate web applications.

2.1. Suspension Criteria and Resumption Requirements

If Smoke tests are not successfully completed than all further testing halts. Positive and negative testing might be a waste of time and effort.

3. Test Deliverables

Test Artifacts that will be delivered during different phases of the testing lifecycle:

1. Test plan
2. Test cases
3. Bug reports

4. Resource & Environment Needs

4.1. Testing tool

Tool and environments which are needed for successful execution of test plan:

1. Computer with windows 10 operative system
2. Google Chrome web browser
3. Internet connection
4. Web site (<http://automationpractice.com/index.php>)
5. Selenium framework
6. MS Word 2019
7. GitHub
8. Visual Studio 2019