

Test Plan

Challenging DOM

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1. Introduction

The product under test is https://the-internet.herokuapp.com/challenging_dom which is a web application. This is mostly used by recruiters to challenge a candidate and to see the level of testing knowledge for the person being interviewed. This document will contain information about the test plan and test strategy that are going to be followed in order to create and execute the automated tests.

2. Test strategy

- a) Scope
 - i. The main scope is to create functional tests for the web application. This type of testing will be focused on elements of the page: buttons, table, links, canvas.
 - ii. Other types of testing like non-functional testing are out of scope.
- b) Testing types
 - i. Functional testing
 - ii. Exploratory testing
- c) Document risks and issues
 - i. Web application could be modified during testing, therefore invalids results can appear.

3. Test Objectives

- a) The main objective is to create a minimum of 10 automated tests and a test plan. Also, to find the best locators for the elements being tested.

4. Test Criteria

- a) Exit Criteria
 - i. Run rate to be 100%
 - ii. A minimum of 10 tests
 - iii. Pass rate to be 100%

5. Resources

- a) Human Resources
 - i. One tester - Cotet Roxana - create the test plan, test framework and automated test. Execute the tests.
- b) System Resources
 - i. Computer
 - ii. Network connection
 - iii. Test tools: IntelliJ, Selenium Web Driver, Maven, Java, Chrome

6. Plan Test Environment

- a) A computer with stable and latest version of Chrome and chrome driver application installed. Selenium also needs to be installed and running.
- b) Good network connection

7. Test Deliverables

- a) Test plan
- b) Automated tests

8. Schedule and Estimation

- a) Testing should be perform until September 15, 2021
- b) Estimation

Create test plan	2 man-hour
Create automated tests	16 man-hour
Execute tests	1 man- hour
Total	19 man-hour

9. Tools

- a) IntelliJ IDE
- b) Java
- c) Selenium
- d) Chorme with chromedriver