**Testcafe Bootcamp – Release 1.0**

**Version 1.00 – Feature Description**

**November 7th, 2020**

**Test Plan Review History**

**SUMMARY**

1. **Resources**
2. **In Scope**
3. **Out of scope**
4. **New functionality/ features.**
5. **Infrastructure Consideration**
6. **Assumptions**
7. **Risks**

**Approvals**

**Test Plan Review History**

Review Version & Date <version 1.0>  <11:07:2020>

Reviewer and Approver Bernardo Cabrera

**SUMMARY**

This project is being designed for main functionalities validation of the web application http://automationpractice.com

**1.  Resources**

Tester

Bernardo Cabrera

**2.  In Scope**

To validate the following scenarios:

\*As Non-logged User:

* User should be able to search clothing products.

\*As a logged User:

* User should be able to search clothing products.
* User should be able to retrieve password.
* User should be able to add clothing products in the shopping cart.
* User should be able to update password.

**3.  Out of scope**

The following is not part of this test plan:

* Contact us section

**4.  New functionality/ features.**

**Testing Objective**

QA team will approach the scenarios using black box testing to automate the test cases related to each functionality.

Test cases will be scripted from the user's point of view, so what a non-logged user sees and what he can do with the elements, such as clicking, sending text and clearing a text box etc. All this action to complete a flow of action that a user would do navigating throughout the site.

**Test Scenarios**

* Automation practice URL is available.
* Search clothing products.
* Edit contact information.
* Recover password.
* Add products to cart.
* Create account.
* Create account failure when user or mail already exist.

**Entry Criteria**

* Non logged user.
* Logged user.
* Random words to search clothing products related to those words.

**Exit Criteria**

* Application must display results related to the search.
* Find clothing products related to the search.
* Web elements available to execute actions with Testcafe.
* Expected behaviors, responses and values are specified in the spreadsheet shared by the QA team.
* Any behavior response or value that deviates from the expected will be treated as a failure.
* Any issue found on any test run will be reviewed by the QA team and documented on a spreadsheet that must be shared to the development team for its prompt fix.
* When a fix is implemented by the development team a retest run will be executed by the QA team in order to verify that it meets the acceptance criteria and in that case the issue will be closed. If, after the retest, the issue still exists, or it does not meet the acceptance criteria it will be returned to the development team to be worked again.

**General Exit Criteria**

        i.          100 % Test cases executed

      ii.          95%   Test cases passed.

     iii.          No critical defects.

**5.  Infrastructure Consideration**

Resources: QA Automation Engineer Lead Bernardo Cabrera

* *Equipment:*

Laptop with network access

8 GB RAM and 512 GB SSD

* *Tools per team member:*

Git - No license required.

Visual Studio Code - No license required.

Testcafe installed

Browsers installed (Chrome, firefox, IE or Edge)

* *Accounts per team member:*

GitHub account - no license required

Automation practice environment must be released to execute test cases properly and successfully.

* *Network Access:*

Visual studio code must be installed in resource’s laptops

Testcafe

Node.js

JavaScript

Browser

**6.  Assumptions**

* Testing tools available.
* Compatibility between browsers and Testcafe.
* We are assuming the user will be using Chrome, Firefox, Edge and IE browser.
* Internet connection will be stable.

**7.  Risks**

The following risks have been identified and the appropriate action identified to mitigate their impact on the project.

The impact (or Severity) of the risk is based on how the project would be affected if the risk were triggered.

The following items are contingency plans for the described risks that may impact the timely execution of this test plan:

* Any planned holiday must be addressed two weeks in advance to take care of the work planned for those days beforehand.
* Any non-planned PTO such as sick days, family, or personal emergencies, etc. will be allowed and the delay will be taken care of in the immediate day after.
* To reduce impact on the test execution, an automated test run should be always ready to be run by the team lead in the days that a team member is not available. The results will be analyzed and reported by the team lead as well.
* In case the QA team lead is in a holiday, sick leave, or another situation where he is unavailable. There will be not much of a difference and the team will work as usual.
* If any hardware malfunction occurs, there will be an IT team ready to fix it and emergency equipment can be provided if the fix takes more than 4 hours.
* If any software becomes unavailable, report immediately.

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| **#** | **RISK**  **(High/**  **Medium/Low)** | **Impact** | **Mitigation Plan** | **Role** |
| 1 | High | Incomplete execution of test cases | All test cases with high priority must be tested to ensure the main functionalities of the application | QA Lead |
| 2 | Medium | Some of the resources could quit during the project | Delegate the responsibilities to all the resources so the impact could be minimized | QA Lead |
| 3 | Low | Hire a new resource | Knowledge Transfer to ensure he can execute test cases and know the app | QA Lead |

**Approvals:**

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| --- | --- | --- |
| Name | Comments | Date |
| QA Automation: Bernardo Cabrera |  | 08/11/2020 |
| Project owner: Saida Yurishi Reyes |  |  |