**TEST PLAN: Testcafe\_Project\_E-commerce.**

# Versions

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Author** | **Reviewer/Aprover** | **Comments** |
| 0.1 | Mariana Cuevas |  | Document creation. |
| 0.2 | Mariana Cuevas |  | Version final. |

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# Introduction

Testcafe is a Node JS tool create by DevExpress to automate E2E web testing, write tests in JavaScript or in TypeScript language, run them and view results throughout reports. Testcafe can open multiple instances of the same browser to run parallel tests. This tool can support different browsers: Chrome, FF, Edge and IE and can be simulate mobile devices The scripts can be run from a console and its reports can be viewed in a CI system’s interface (Team City, Jenkis, Travis, etc.). Testcafe is an open source tool, it is easy to install through npm command line and it is a good option for testers that start in automation testing due to is easy to learn.

# Objective

The purpose of this test plan is educational. These tests are part of an assessment process for grade the knowledge acquired during the Testcafe course with QA Minds Lab.

# Scope

Creation and execution of E2E automated tests using Testcafe tool to validate functionalities in an E-commerce site. Within the scope will be validated the following modules: Home page, Catalog products, Shopping products and My account. The tests should be run in Chrome and FF browsers at least.

Should create a public repository in GitHub to save test plan, test cases, test scripts and reports created during this project.

# Assumptions

* Test will be used with an educational purpose.
* The e-commerce site to validate is not real. It is a site for automation practice.
* The tests will be tests in Windows 10.
* The test scripts should be created in JavaScript.
* Functionalities not mentioned in this document, are without scope.

# Roles and responsibilities

|  |  |
| --- | --- |
| **Role** | **Responsibility** |
| Tester | Design and create test cases.  Create test scripts in Testcafe  Run tests scripts.  Identify bugs and create a description of them.  Create a report of execution. |

# Test Strategy and Execution

Test design calendar

|  |  |
| --- | --- |
| Start date | On 2nd Nov 2020. |
| On 5th Nov 2020 | On 5th Nov 2020 |

Test execution calendar

Cycle 1(Only):

|  |  |
| --- | --- |
| Start date | On 6th Nov 2020. |
| End date | On 7th Nov 2020 |

Deliverables

|  |  |
| --- | --- |
| Test cases | https://github.com/MarianaCuevas0215/Testcafe\_Project\_Ecommerce/tree/main/Test%20Cases |
| Test scripts | https://github.com/MarianaCuevas0215/Testcafe\_Project\_Ecommerce/tree/main/Test%20Scripts |

Entry criteria

|  |  |
| --- | --- |
| Environment/URL | <http://automationpractice.com> |
| Documentation/Guides | <https://devexpress.github.io/testcafe/documentation/getting-started/> |
| GitHub repository | <https://github.com/MarianaCuevas0215/Testcafe_Project_Ecommerce.git> |

Exit criteria

* Test execution should be completed.
* All test scripts are passed or failed.
* All test cases designed are executed.
* The bugs identified are described in a report.