

*<QWALLITY>*

Test Plan Template

**Release *1***

***26.09.2021 – 28.10.2021***

**VERSION HISTORY**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ID & Version #** | **Prepared**  **By** | **Revision**  **Date** | **Approved**  **By** | **Approval**  **Date** | **Reason** |
| ID1 Version 1.1 | *Ruben* | 26.09.2021 | *Karen (QA team lead)* | 27.10.2021 | 1. Changes Login page functionality in the previous version |
| ID 2 Version 1.1 | *Ruben* | 26.09.2021 | *Karen (QA team lead)* | 27.10.2021 | 2. Changes Register page in the previous version |

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# Introduction

## Purpose of The Test Plan Document

The purpose of this document is to plan and test the Qwallity application's Login and Registrar functions, their capabilities to meet the needs of our business, and also indicate what functions we plan to test at this stage, what testing tools we will use to achieve our goals.

# Test Items

## 2.1 Project description

The system allows you to register, study courses and add new ones. But At this stage, we plan to test the functionality of the login and registration pages on our website /full address: <http://qwallity2.herokuapp.com/>․

## 2.2 Items to be Tested

|  |  |  |  |
| --- | --- | --- | --- |
| **Item to Test** | **Test Description** | **Test Date** | **Estimation** |
| User Story # 1 | Login page | 05.10.2021 | 5pt |
| User Story # 2 | Registration page | 05.10.2021 | 13pt |

***Login page***

* Username
* Password
* Login button functionality

**Registr page**

* Name
* Email
* Username
* Password
* Confirm password
* Submit button functionality

## Items to Not be tested

|  |  |
| --- | --- |
| **Item Not to Test** | **Comment** |
| Task1 | Add Courses |
| Task2 | Home |
| Task3 | About us |
| Task4 | Courses |

## Test Approach(s)

* **Black box testing**
* **Equivalence and Boundary testing**
* **Create decision table for Login page**
* **Automated Testing Approach**

## Test Deliverables

|  |  |
| --- | --- |
| **Milestone/Project** | **Completion/Execution Dates** |
| Requirements Review/Estimation and test plan | 26.09.2021 |
| Login page taste case | 05.10.2021 |
| Registration page taste case | 05.10.2021 |
| Manual Testing | 10.10.2021 |
| Automation script preparation | 15.10.2021 |
| Automation code review | 20.10.2021 |
| Bug Report | 23.10.2021 |
| Test Summary Report | 28.10.2021 |

## Staffing / Training Needs

For testing, we need a team leader, two Manual QA specialists, as well as an automated testing specialist (due to the absence of such a specialist, it is necessary to organize automation training).

# 3․ Risk and mitigation

## 3․1 Test Risks / Issues

The risk is great at the automation stage, since we do not have an automation specialist in our working group, to implement it automation methods need to be trained․

# 4․ Test Environment and infrastructure

# Required Infrastructure

We need an appropriate environment for eplication, in which we can try out the functions that will be tested on our site / for example http: //qwallity2.herokuapp.com.text/

List of operating systems for checking the opening of files created in Qwallity:

Windows 10

Windows 8

Windows 7

# 5․ Roles and responsibilities

## 5․1 Roles and assigned responsibilities

|  |  |
| --- | --- |
| **Role** | **Responsibility** |
| Ruben: Manual QA | Write a test case for the “Login” page and doing tasting |
| Armine: Manual QA | Write a test case for the “Registr” page and doing tasting |
| Ruben: Automation | Automate functions |
| Karen։ Testing Lead | Write a test plan |

## 6. Test Shedule

## Milestones and schedule

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Milestone** | **Deliverable** | **Effort(Person Hour)** | **Start Date** | **End Date** |
| Test Plan | + | 1 person/hour | 26.10.2021 | 28.10.2021 |
| Test Case | + | 2 person/hour | 05.10.2021 | 10.10.2021 |
| Autamtion | + | 1 person/hour | 15.10.2021 | 23.10.2021 |