**<QWALLITY4 APP>**

**Release *<4>***

Test Plan

***<25.01.2022> - <01.02.2022>***

VERSION HISTORY

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID & Version #** | **Prepared**  **By** | **Revision**  **Date** | **Approved**  **By** | **Approval**  **Date** |
| unique id | *person name* | *< date>* | *person name* | *<date>* |
| 1 | Syune Avanesyan | 25.01.2022 | Nelli Krtyan | 01.02.2022 |
|  |  |  |  |  |

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# Introduction

## Purpose of The Test Plan Document

The purpose of this document is to communicate the testing approach that the QA team will use for the <Product and Version> release. This document is targeted to the following reader groups:

**The QA Team**- This document will communicate internally the process used and the scope of the testing.

**The Development/Management Teams**- This document will provide a clear understanding of the testing approach to all external teams.

# Test ITEM

## Project description

QWALLITY is a start-up IT company focused on the software quality assurance. The company was established in 2021. QWALLITY has 4 directions…

• QA Trainings

• QA Outsourcing

• QA Consulting

• Professional Services

## Items to be Tested / Not to be Tested

|  |  |  |  |
| --- | --- | --- | --- |
| **Item to Test** | **Test Description** | **Test Date** | **Estimation** |
| Registration page  functionality | User should register to the system with some validations. | <01/25/2022> | 3pt |
| Login page functionality | User should be Login to the system. | <01/25/2022> | 1pt |
| Exercises page functionality | User should be able perform some math operation․ | <01/25/2022> | 1pt |
| Courses page functionality | User must be able to add, edit and delete a course. | <01/25/2022> | 5pt |
| About us page | User check “About us” | <01/25/2022> | 1pt |
| Home page | User should check the functionality of “Home” page. | <01/25/2022> | 1pt |

## 

## 2.3 Items to Not be tested

The Databases cannot be tested as we don’t have access to it.

## Test Approach(s)

We used Manual Testing, Dynamic Testing, especially Black Box Testing.

## Test Deliverables

This QA testing schedule is largely based on the development and technical publications schedules. All dates are subject to change if the development or documentation milestones are moved. Here are the key dates and testing periods.

| Milestone/Project | Completion/Execution Dates |
| --- | --- |
| *Test Case preparation* | <01/26/2022> |
| *Test Case review* | <01/28/2022> |
| Manual Testing | <01/29/2022> |
| Bug Report | <01/30/2022> |
| Regression testing(manual+automation) | <01/31/2022> |

# Risk and mitigation

Risk is in lack of tester experience and skills, as well absence of DB Testing. The risk is in the database piece. We can’t test the DB part as we do not have access to the data bases. In the presence of the above, it would be possible to reduce the risks

# Roles and responsibilities

|  |  |
| --- | --- |
| **Role** | **Responsibility** |
| Nelli Krtyan- QA Lead | Test process setup |
| Hermine Mkrtchyan- QA | Exercises page functionality testing |
| Syune Avanesyan-QA | Courses page functionality testing |
| Marine Yeghiazaryan-QA | Registration page functionality testing |
| Syuzanna Stepanyan-QA | Login page functionality testing |
| Lilit Aghazaryan-QA | “About us” and “Home” pages testing |

# Resources planning

* System Resources- We need http://qwallity2.herokuapp.com/ application. No need for environment setup.
* Staffingandtrainingneeds – *Software Tester* who reports to the QA Team Leader/Manager and is responsible for writing and executing manual tests. There is no need for trainings.
* QA Lead- who is responsible for overseeing the process․

# Test Schedule

## Milestones and schedule

|  |  |  |  |
| --- | --- | --- | --- |
| **Milestone** | **Effort(Person Hour)** | **Start Date** | **End Date** |
| Test Case preparation | 6 | 01/26/2022 | 01/28/2022 |
| Test Case Review | 3 | 01/28/2022 | 01/28/2022 |
| Manual Testing | 3 | 01/29/2022 | 01/29/2022 |
| Bug Report | 4 | 01/30/2022 | 01/31/2022 |
| Regression Testing | 5 | 01/31/2022 | 02/01/2022 |

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