*<QWALLITY APP>*

Test Plan

**Release *<1>***

***<8/17/2022> - <9/30/2022 >***

VERSION HISTORY

[Provide information on how the development and distribution of the **Test Plan**, up to the final point of approval, was controlled and tracked. Use the table below to provide the version number, the author preparing the version, the date of the version, the name of the person approving the version, the date that particular version was approved, and a brief description of the reason for creating the revised version.]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ID & Version #** | **Prepared**  **By** | **Revision**  **Date** | **Approved**  **By** | **Approval**  **Date** | **Reason** |
| 1 | Gayane Sargsyan | 8/17/2022 | Ani Movsisyan |  |  |
|  |  |  |  |  |  |

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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 <QWALLITY APP and Version 1> 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

This test plan describes the testing approach and the testing approach and overall framework that will drive the testing of QWALLITY.APP - <https://dev-qwallity.herokuapp.com/home> site .

QWALLITY.APP is a platform that enables to find, create and add courses related to quality assurance . User can only login and get acquainted with all the available courses anywhere ,anytime , and admin/user/ can also add new courses in addition to the above ,in particular, fundamental and advance *.*

## Items to be Tested / Not to be Tested

|  |  |  |  |
| --- | --- | --- | --- |
| **Item to Test** | **Test Description** | **Test Date** | **Estimation** |
| Add new course | Check add new course functionality & UI | <9/19/2022> | 13pt |
| Registration | Check registration funcionality & UI | <9/10/2022> | 5pt |
| Login | Check login funcionality & UI | <9/6/2022> | 3pt |

## Items to Not be tested

|  |  |
| --- | --- |
| **Item Not to Test** | **Comment** |
| Exercises | Not included |
| Logout | Not included |
|  |  |

## Test Approach(s)

The test will execute and verify the test scripts, identify, fix and retest all high and medium severity defects per the entrance criteria , prioritize lower severity defects for future fixing .Manual testing approach will be used . All the defects would come along with a JPEG format.The test team assumes all necessary inputs required during test design and execution will be supported by Development team appropriately.Test case design activities will be performed by QA team . The project will provide test planning , test design and test execution support. Development team will provide defect fix plans based on the Defect meetings during each cycle to plan. The same will be informed to Test team prior to start of defect fix cycles. BUSINESS ANALYST will review and sign-off all Test cases prepared by Test Team prior to start of Test execution *.*

Testing will be focused on meeting the business objectives, cost efficiency, and quality.

This section describes the methodology used by the QA team. Some examples of subsections are as follows:

**Automated Testing Approach** – Authomation testing will not be used .

**Scope of GUI Testing** – Testing will be done manually and will be tested design, size, grammatical errors and etc. .

**Bug Severity and Priority Setting** – We have the Acceptance Criteria on Jira.

## 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 |
| --- | --- |
| Requirements Review/Estimation | <8/25/2022> |
| *Test Case preparation* | <8/31/2022> |
| *Test Case review* | <9/03/2022> |
| Manual Testing | <9/19/2022> |
| Regression testing(manual) | <9/30/2022> |

## 

## Staffing / Training Needs

QA team members should have strong skills in manual testing and all the team members should have strong communication skills and be a good team member , which will be very usefull for organized meetings/review/ .

QA team lead

5 junior QA specialist

Development team

Business analyst

# Risk and mitigation

## Test Risks / Issues

### Short time

### Budjet

### Team members skills

# Test Environment and infrastructure

## Required Infrastructure

[*https://dev-qwallity.herokuapp.com/*](https://dev-qwallity.herokuapp.com/)

A windows environment with Internet Explorer 8, 9 and 10, and with Firefox 27.0, as well as Google Chrome32.0 .

# Roles and responsibilities

## Roles and assigned responsibilities

|  |  |
| --- | --- |
| **Role** | **Responsibility** |
| Junior QA speacialists | Report defects, Test case design activities |
| QA team leader | Validate defects |
| Project Manager | Review the content of the Test Plan , Test Strategy and Test Estimates |
| Development team | Defect fix plans based on the Defect meetings |
| Business analyst | Will review and sign-off all Test cases |

# Test Schedule

## Milestones and schedule

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Milestone** | **Deliverable** | **Effort(Person Hour)** | **Start Date** | **End Date** |
| Login funcionality | Test case/Bug report | 5 | 9/14/2022 | 9/15/2022 |
| Registration form | Test case/Bug report | 15 | 9/16/2022 | 9/18/2022 |
| Course adding funcionality | Test case/Bug report | 25 | 9/19/2022 | 9/22/2022 |

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