

*QWALLITY APP.*

TEST PLAN

**Release *1.0.0***

***20.08.2022 - 10.09.2022***

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1. **INTRODACTION**

The purpose of this document is to communicate the testing approach that the QA team will use for the Qwallity app. 1.0.0 release.

This document is targeted to

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.

1. **Test ITEM**
   1. ITEM DESCRIPTION

‘’Qwallity’’ is a web application where users can charge balance, buy or edd courses, do some exercises. It includes **Home, About us, Courses (Fundamental and Advanced), Exercises (Calculator, Black box, White box), Register, Login, Account, My courses** sections.

2.2 Items to be Tested

|  |  |  |  |
| --- | --- | --- | --- |
| **Item to Test** | **Test Description** | **Test Date** | **Estimation** |
| Register section | Check if user could register successfully (with valid and invalid data) | 27.08.22 | 3pt |
| Login section | Check Login functionality (With valid and invalid data) | 28.08.22 | 3pt |
| Exercises section | Check the Exercises section  /Calculator, Black Box and White Box/. | 29.08.22 | 13pt |
| My Courses section | Check if user can add, edit and delete courses | 02.09.22 | 5pt |
| Courses section | Check if user can buy courses successfully | 05.09.22 | 3pt |
| Account Amount | Check if user can charge their balance successfully | 06.09.22 | 5pt |

2.3 Items Not be tested

|  |  |
| --- | --- |
| **Item Not to Test** | **Comment** |
| Home section | Becouse of lack of time and it consists only information about app. and doesn`t have any funcionality to test |
| About us section | Becouse of lack of time and It consists only information about app. and doesn`t have any funcionality to test |

2.4 Test Approaches

QA team will perform Manual testing(functional, non functional), during test case design will use Black box techniques, Data base testing with SQL queries, will use performarnce, load, stress, usability testings.

2.4.1 Entry Criteria

* Requirement Documents should be available (both functional and nonfunctional)
* All data shout be prepared

2.4.2 Exit Criteria

* All designed test cases are executed
* Defects are fixed by developers
* Fixed issues are Retested

For this points QA team should meet requirements at least 90 % for testing

2.5 Test Deliverables

|  |  |
| --- | --- |
| *Milestone/Project* | *Completion/Execution Dates* |
| *Requirements Review/Estimation* | *08/20/22* |
| *Test Case preparation* | *08/22/22* |
| *Test Case review* | *08/25/22* |
| *Manual Testing* | *08/27/22* |

**3. Risk and Mitigation**

'Home' and 'About us' sections couldn’t be tested because of lack of time– reconsider time managment.

# 4. Test Environment and infrastructure

## Required Infrastructure

OS -Windows 10 Pro 64bit

-IOS 15

Browser – Google Chrome 104.0.5112.102

Microsoft Edge 104.0.1293.70

Phone - Android 10 and higher

<https://dev-qwallity.herokuapp.com/>

# **5. Roles and responsibilities**

## **Roles and assigned responsibilities**

|  |  |
| --- | --- |
| Role | Responsibility |
| Manual Software Tester | write, test plan, test cases, run test cases, report defects |
| Manual QA Lead | Reveiw Test plan, test cases, defect reports |

**6.Test Schedule**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Milestone** | **Deliverable** | **Effort(Person Hour)** | **Start Date** | **End Date** |
| Requirements Review/Estimation | ditail review of requirements, compile clarification questions for client | 10h | 08/20/22 | 08/21/22 |
| *Test Case preparation* | guther all necessery documents, datas, for writing tase cases | 15h | 08/22/22 | 08/24/22 |
| *Test Case review* | review all designed test cases(from deferent QA spec.) | 10h | 08/25/22 | 08/26/22 |
| Manual Testing | exicute and implemant all desined manual test cases | 65h | 08/27/22 | 09/08/22 |
| Re-testing | Test all fixed defects | 5h | 09/09/22 | 09/09/22 |
| Make Summery | Make Test Summery report | 5h | 09/10/22 | 09/10/22 |