

***Qwallity4 App***

***(<http://qwallity4.herokuapp.com/> )***

***Test Plan***

***Release <2>***

***(09.02.2022-01-13.02.2022)***

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## 1. Introduction

### 1.1 The Purpose of the Testing Plan

This document is for organizing the “Qwallity4 App” testing procedure. It will help all the departments of the company know and follow the upcoming QA procedures. The testing approaches and techniques are included in the chapters bellow.

It is intended for the QA team and the development and the management teams.

The testing will be carried out in <http://qwallity4.herokuapp.com/> environment.

## 2. Scope of Testing

### 2.1 Features to be Tested

We are going to test the “Qwallity4 App”. The App is an online space for adding, editing and deleting courses and it also has a section for exercises, such as the “Calculator.”

Items to be Tested	Test Description	Estimation	Test Date
Registration Page	We should check the functionality of the “Registration” page	3pt	09.02.2022
Login Page	We should check the functionality of the “Login” page	1pt	10.02.2022
Home Page	We should check the functionality of the “Home” and “Add course”pages	5pt	10.02.2022
Exercises/ Calculator Page	We should check the functionality of the “Calculator”.	3pt	11.02.2022
Courses Page	We should check the functionality of the “Courses” page	1pt	11.02.2022
About us Page	We should check the UI of the “About us” page	0.5pt	11.02.2022

### 2.2 Features not to be Tested

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

### 3. Testing Approach

We are intending to carry out manual testing. While testing we are going to use Dynamic testing techniques, such as Black Box testing techniques. These techniques are Boundary Testing, Equivalent Class Partitioning, Decision Table testing.

### 4. Item Pass/ Fail Criteria

The testing item is considered to pass when most of the test cases haven't puḡuuhujuntı a bug or the bugs found are not effecting the functionality of the item, such as minor defects connecting with the spelling of the words.

### 5. Test Deliverables

Milestone/Project	Completion/Execution Dates
Requirements Review/Estimation	09.02.2022
Test Case preparation	09.02.222
Test Case review	10.02.2022
Manual Testing	10.02.2022
Bug Report preparation	11.02.2022
Test Summary	12.02.2022
Report	13.02.2022

### 6. Responsibilities

Roles	Responsibilities
Syune Avanesyan	Registration page testing
Lilit Aghazaryan	Login page testing
Haykanush Grigoryan	Exercises/ Calculator page testing
Hermine Mkrtchyan	Home page testing
Inna Torosyan	About us page testing
Lusine Babayan	Courses page testing

## 7.Resource Planning

### 7.1 System Resources

Resource	Description
Computer (OS: Windows 10/11, Browser: Google Chrome 96 or higher)	A PC to connect to the web and test the App

### 7.2 Stuffing and Training Needs

Member	Tasks
Test Manager	Manage the testing process, following and leading the testers work. Test manager should follow on test cases and bug reports written by the tester. Also test manager is responsible for preparing test summary and report.
Testers	Testers should execute testes on “Register” page, “Login” page “Home” page, “Add Course” page as well as on the “Exercise”, “Courses” and “About” pages.  The testers are also responsible for writing proper test cases and bug reports.

## 8. Schedule

Task	Members	Estimate Effort
Test the Environment	Testers	4 hours
Write Test Cases	Testers	6 hours
Prepare Bug Reports	Testers	3 hours
Total		13 hours

## **9. Risks and Contingencies**

The risk is in the database piece. We can't test the DB part as we do not have access to the data bases.

Also, as the team is consisted of junior specialist there is a risk of missing to test some important details.

To minimize the risks there would be organized trainings and an experienced tester would be involved in the team.