***<*** ***QWALLITY Workspace >***

**Test Plan**

**VERSION HISTORY**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ID & Version #** | **Prepared**  **By** | **Revision**  **Date** | **Approved**  **By** | **Approval**  **Date** | **Reason** |
| 1st version | Gayane Atshemyan | < 15/01/2022> | Nelly Krtyan | < 29/01/2022> |  |
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1. **Introduction**
   1. **1Purpose of The Test Plan Document**

The Test Plan is designed to prescribe the scope, approach, resources, and schedule of all testing activities of the project QWALLITY Workspace. The plan identify the items to be tested, the features to be tested, the types of testing to be performed, the personnel responsible for testing, the resources and schedule required to complete testing, and the risks associated with the plan.  
**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. **Project description**

The program allows you to study online. You can choose fundamental or advanced classes. To participate in the lessons you need to register in advance and then log in. You can even add courses.

1. **Items to be Tested**

1pt =5hours

Estimate Manual Testing effort  on [QWALLITY Workspace (qwallity2.herokuapp.com)](http://qwallity2.herokuapp.com/)

|  |  |  |  |
| --- | --- | --- | --- |
| **Item to Test** | **Test Description** | **Test Date** | **Estimation** |
| Login functionality | The system login page | <01/28/2022> | 1pt |
| Registration form | User should register to the system | <01/29/2022> | 2pt |
| Course adding funcionality | User can add course of two types (Fundamental and advanced) | <01/30/2022> | 2pt |
| Total |  |  | 5pt |
|  |  |  |  |
|  |  |  |  |

1. **Items to Not be tested**

These feature are not be tested because they are not included in the software requirement specs

* Hardware Interfaces
* Database logical
* Communications Interfaces
* Website Security and Performance

1. **Test Approach(s)**

*We do static, black-box, by only manual testing.*

1. **Test Deliverables**

| **Milestone/Project** | **Completion/Execution Dates** |
| --- | --- |
| Requirements Review/Estimation | <mm/27/22> |
| *Test Case preparation* | <mm/28/22> |
| *Test Case review* | <mm/28/22> |
| Manual Testing | <mm/29/22> |

1. **Staffing / Training Needs**

Business training courses

1. **Risk and mitigation**

Include in this section any areas that may impede the progress of testing. Basically this section is an outstanding items list for QA.

* Lack of required skill within the team.
* Frequent requirement change and strict delivery timeline.

1. **Test Environment and infrastructure**

**Required Infrastructure**

We need environment in which the program would work.

* Performance Testing Environment
* System Integration Testing (SIT)
* User Acceptance Testing (UAT)
* Security Testing

1. **Roles and responsibilities**

|  |  |
| --- | --- |
| **Role** | **Responsibility** |
| Test Manager | * Provide technical direction * Acquire appropriate resources * Management reporting |
| Test Designer | * Generate test plan * Generate Test Suite * Evaluate effectiveness of test effort |
| System Tester | * Execute tests * Log results * Recover from errors * Document defects |

# Test Schedule

|  |  |  |  |
| --- | --- | --- | --- |
| **Deliverable** | **Effort(Person Hour)** | **Start Date** | **End Date** |
| Requirements Review/Estimation | 16 | 25.01.2022 | 26.01.2022 |
| *Test Case preparation* | 16 | 27.01.2022 | 28.01.2022 |
| *Test Case review* | 8 | 29.01.2022 | 29.01.2022 |
| Manual Testing | 56 | 31.01.2022 | 06.02.2022 |
| Bug Report | 14 | The end of each day throughout the test execution cycle. | |
| Test Summary | 8 | 08.02.2022 | 08.02.2022 |
| Report | 16 | 10.02.2022 | 11.02.2022 |
|  |  |  |  |