***Test Plan for*** [***http://qwallity2.herokuapp.com/***](http://qwallity2.herokuapp.com/) ***application.***

**Release *<N2>***

***27 January 2022-02 February 2022***

**VERSION HISTORY**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ID & Version #** | **Prepared**  **By** | **Revision**  **Date** | **Approved**  **By** | **Approval**  **Date** | **Reason** |
| *01* | *Marine Yeghiazaryan* | *26/01/2022* | *Nelli Krtyan* | *26/01/2022* | *#2* |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

1. **Introduction**

**Purpose of The Test Plan Document**

*The purpose of this document is to test the* [*http://qwallity2.herokuapp.com*](http://qwallity2.herokuapp.com) *application.*

*The purpose of this document is to communicate the testing approach that the QA team will use for the <Product and Version> release.*

1. **Test ITEM**

**Project description**

*The*[*http://qwallity2.herokuapp.com*](http://qwallity2.herokuapp.com) *app is designed to view existing courses, such as registering, logging in, entering new courses, editing, deleting.*

**Items to be Tested / Not to be Tested**

|  |  |  |  |
| --- | --- | --- | --- |
| **Item to Test** | **Test Description** | **Test Date** | **Estimation** |
| *Home screen* | *Functionality testing* | *01/28/2022* | *1pt* |
| *Courses screen* | *Functionality testing* | *01/28/2022* | *2pt* |
| *Add/Delete/Edit courses* | *Functionality testing* | *01/29/2022* | *3pt* |
| *Registration screen* | *Functionality and security testing* | *01/30/2022* | *1pt* |
| *Login screen* | *Functionality and security testing* | *01/30/2022* | *1pt* |

**Items to Not be tested**

|  |  |
| --- | --- |
| **Item Not to Test** | **Comment** |
| *About us screen* | *not required* |

**Test Approach(s)**

*The*[*http://qwallity2.herokuapp.com*](http://qwallity2.herokuapp.com) *app testing will be a Manual Testing Approach.*

**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* | *01/27/2022* |
| *Test Case preparation* | *01/28/2022* |
| *Test Case review* | *01/30/2022* |
| *Manual Testing* | *01/28/2022-01/30/2022* |
| *Reports* | *01/31/2022-01/02/2022* |

**Staffing / Training Needs**

*No need training.*

1. **Risk and mitigation**

**Test Risks / Issues**

*Existing risks*

* *misinterpretation of requirements*
* *system lock*
* *limited rights of the registered user*
* *lack of relevant specialists*

1. **Test Environment and infrastructure**

**Required Infrastructure**

*The test environment is qwallity2.herokuapp.com.*

1. **Roles and responsibilities**

**Roles and assigned responsibilities**

|  |  |
| --- | --- |
| **Role** | **Responsibility** |
| *QA Team Leader/Manager* | *Define QA Team roles and responsibilities* |
| *QA* | *The QA reports to the QA Team Leader/Manager and is responsible for writing and executing manual tests.* |

1. **Test Schedule**

**Milestones and schedule**

|  |  |  |  |
| --- | --- | --- | --- |
| **Milestone** | **Effort(Person Hour)** | **Start Date** | **End Date** |
| *Requirements Review/Estimation* | *6 hour* | *01/27/2022* | *01/27/2022* |
| *Test Case preparation* | *6 hour* | *01/28/2022* | *01/28/2022* |
| *Test Case review* | *3 hour* | *01/30/2022* | *01/30/2022* |
| *Manual Testing* | *24 hour* | *01/28/2022* | *01/30/2022* |
| *Reports* | *16 hour* | *01/31/2022* | *01/02/2022* |