Qwallity2.herokuapp

Test Plan Template

**Release *<1>***

***<27.05.2021> - <01.07.2021>***

Autor

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1. **INTRODUCTION:**

The purpose of this document is to communicate the testing approach that the QA team will use for the project <Quality.herokuapp > webpage 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.

# 2. Scope of testing

**2.1 Features to be tested:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Item to Test** | **Test Description** | **Test Date** | **Estimation** |
| UI form | Icon should be of a suitable size and clearly for client.  Information about site must be clear. | <28.05.2021> | 1 pt |
| Registration form | User should register to the system after some validations | <28.05.2021> | 3pt |
| Login functionality | User can login to the system | <01.06.2021> | 2pt |
| Course adding functionality | User can add course with Fundamental and Advance course types | <04.06.2021> | 3pt |
| Courses edit/delete functionality | User can edit or delete existing course | <10.06.2021> | 5pt |
| Total Estimated Efforts |  |  | 14 pt |

# 2.2 Features not to be testing

|  |  |
| --- | --- |
| **Item Not to Test** | **Comment** |
| Functionality <Delete> in Databases | we have not access to functionality <Delete> in Databases |
| Webpage- [***http://qwallity2.herokuapp.com***](http://qwallity2.herokuapp.com) . We can not tests Stress and load testing | We have not access to the virtual users base for performance testing |

## Test Approach(s)

In the project <Qwallity2.herokuapp>, there’re types of testing should be conducted

**Automated Testing Approach** – Python testing. – web based automation

**Manual testing**- System integration testing, UAT, Functional testing, security testing. Database tasting.

**Regular Bug Triages** –QA, DEV, BA and Document Writer representatives are taking part in the regular bug reviews.

1. **Item pass/fail criteria**

With an Automated Testing approach, we must cover at last 70% codes.

With a Manual testing approach, we must cover 95% test cases.

After executing the test cases we should have 95% pass test cases and no more 5% fail.

1. **Test deliverables**

Test deliverables include :

* Test cases - Test Cases will be submitted during the test design phase.
* Bug report - The bug reports will be submitted at the end.

1. **Responsibilities**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Roles** | **Email** | **Responsibilities** |
| Nelli | QA Manager | Nelly@mail.ru | Review test cases, review and approve the issues |
| Anna | Senior QA | Anna@gmail.com | Assigns tasks, tracks the testing progress |
| Anush | Manual QA | Anush@gmail.com | Prepare test cases, set up test environment |
| Davit | QC | Davit@gmail.com | Execute test cases, reports the issues |

1. **Resource planning**
   1. **System resources-** We should test on Operating system - Windows 10 Chrome Version- Version 90.0.4430.212 (Official Build) (64-bit),

Envirement for testing - <http://qwallity2.herokuapp.com/>

* 1. **Staffing and training needs -** QA staff need to study new tools or program with automation testing

1. **Schedule**

|  |  |
| --- | --- |
| **Task** | **Week** |
| Prepare test cases | 1 |
| Execute test cases | 2 |
| Report issues | 1 |
| Test fixes | 1 |
| Report the findings | 1 |

1. **Risk and contingencies**

|  |  |
| --- | --- |
| Risk | Mitigation |
| Lack of required skill within the team. We haven’t person, who know automation testing. | Teams need to learn new skills or need to add new person with required skill |
| Do not have access to certain functional operations database | We cannot verify the deletion in the database with successful, after delete course by users |

## Test Team Leader/Manager

The QA Team Leader/Manager is responsible for the following:

1. **Team Management - Planning Tasks**
2. **Team Management - Daily Tasks**
3. **Team Management - Weekly Tasks**
4. **Team Management – Ad hoc Tasks**
5. **Team Management – Deliverables**