TEST PLAN

**INTRODUCTION**

Test plan for <http://qwallity2.herokuapp.com/> application

**Scope of testing**

1. *Features to be tested***:** Login, Register, Courses
2. *Features not to be testing***:** About us

**Testing Approach**

* Manual testing,
* Automation testing,
* Regression testing,
* Performance testing,
* Database testing
* API testing

**Item pass/fail criteria**

Pass rate is 85%, achieving the pass rate is mandatory.

**Test deliverables**

|  |  |
| --- | --- |
| **Document** | **Submission time** |
| Test cases | The Test Cases will be submitted during test design phase |
| Bug report | The bug reports will be shared at the end of each sprint |

**Responsibilities**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Roles** | **Email** | **Responsibility** |
| Anush | Test Manager | aa@gmail.com | Prepare (write and review) the test plan and Conduct the meetings |
| Manush | Test lead | mm@gmail.com | Review and approve the test case and Handling schedule |
| Poghos | Senior QA Engineer | Poghos@gmail.com | Write, Review, and Execute the test documents |
| Petros | Junior QA Engineer | Petros@gmail.com | Execute the test case |

**Resource planning**

1. **System resources-** Operating system: Windows 10, Linux

Browsers: Google Chrome, Firefox, Internet Explorer

Database server: MS-SQL Server

**Environment**  - http://qwallity2.herokuapp.com/

1. **Staffing and training needs-**The staff needs to study performance testing tools

**Schedule**

|  |  |  |
| --- | --- | --- |
| **Task** | **Members** | **Estimate effort** |
| Create the test specification | Test lead, Senior QA Engineer | 100 man -hour |
| Execute test cases | Junior QA Engineer | 50 man- hour |
| Test Report | Test lead, Senior QA Engineer | 20 man-hour |

**Risk and contingencies**

|  |  |
| --- | --- |
| **Risk** | **Mitigation plan** |
| Lack of required skill within the team. | * Preparing trainings * Looking for a skilled team member |
| Lack of communication with client | Create a client communication strategy |