*<Zopa>*

Test Plan

Version *<1.0>*

*<02/26/2018>*

VERSION HISTORY

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ID & Version #** | **Prepared**  **By** | **Revision**  **Date** | **Approved**  **By** | **Approval**  **Date** | **Reason** |
| 1.0 | *shay toledano* | *<02/26/18>* |  |  | Test Plan draft |
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# Introduction

## Purpose of The Test Plan Document

This document provides a high level view of the type of test that is scheduled to be carried out and the features that will and will not be tested.

The objective of this document is to test the functionality of the Zopa website.

# Test ITEM

## Project description

## automated zopa with selenuim ui

## Items to be Tested / Not to be Tested

|  |  |  |  |
| --- | --- | --- | --- |
| **Item to Test** | **Test Description** | **Test Date** | **Responsibility** |
| Home Page |  |  |  |
| Sing in Page |  |  |  |
| Post code search |  |  |  |

## Items to be tested

|  |  |
| --- | --- |
| **Item Not to Test** | **Comment** |
|  |  |
|  |  |
|  |  |

## Test Approach(s)

The project is using an agile approach, with weekly iterations. At the end of each week the requirements identified for that iteration will be delivered to the team and will be tested.

Exploratory testing will play a large part of the testing as the team has never used this type of tool and will be learning as they go.

Test Automation

Automated unit tests are part of the development process.

## Test Pass / Fail Criteria

A test will be considered passed if the actions described in the test meet the ‘expected output’ for all steps described in the test case.

 If the output is not as expected, it will be reported and investigated to determine where the problem lies.

## Test Entry / Exit Criteria

**Entry Criteria**

* Test environment are ready to use (browser)
* Test tools installed are ready to use
* Test data is available

**Exit criteria**

* All entry criteria met.
* Test Summary Report has been produced, reviewed and approved by the Delivery Manager.
* All Critical, High and Medium priority defects have been retested and closed**.**

## Test Deliverables

Test Plan (this document itself)

Test Cases

Test Scripts

Defect/Enhancement Logs

Test Reports

## TEST PRINCIPLE

* Testing will be focused on meeting the business objectives, cost efficiency, and quality.
* There will be common, consistent procedures for all teams supporting testing activities.
* Testing processes will be well defined, yet flexible, with the ability to change as needed.
* Testing activities will build upon previous stages to avoid redundancy or duplication of effort.
* Testing environment and data will emulate a production environment as much as possible.
* Testing will be a repeatable, quantifiable, and measurable activity.

## Test Suspension / Resumption Criteria

**Test Suspension**

* The delivered functionality is not functioning well enough for the tests to be meaningful
* A defect is found in the software, which means that further testing is impossible
* A defect is found in the software which affects further test cases, or renders them inoperable

**Resumption**

* Unless the tester is certain about the impact of a change, then the entire Test will be re-run
* New test cases may have to be written to test the changes
* The system must be restored to a known stable state before testing commences

# Risk and mitigation

## Test Risks / Issues

|  |  |  |  |
| --- | --- | --- | --- |
| **Risk** | **Prob.** | **Impact** | **Mitigation Plan** |
| **SCHEDULE**  Testing schedule is tight. If the start of the testing is delayed due to design tasks, the test cannot be extended beyond the UAT scheduled start date. | High | High | The testing team can control the preparation tasks (in advance) and the early communication with involved parties.  Some buffer has been added to the schedule for contingencies, although not as much as best practices advise. |
| **RESOURCES**  Not enough resources | Medium | High | Holidays and vacation have been estimated and built into the schedule; deviations from the estimation could |
| **DEFECTS**  Defects are found at a late stage of the cycle or at a late cycle; defects discovered late are most likely be due to unclear specifications and are time consuming to resolve. | Medium | High | Defect management plan is in place to ensure prompt communication and fixing of issues. |
| **SCOPE**  Scope completely defined | Medium | Medium | Scope is well defined but the changes are in the functionality are not yet finalized or keep on changing. |

# Test Environment

A windows environment with Internet Explorer 8, 9 and 10, and with Firefox 27.0, as well as Google Chrome 32.0 and later should be available to each tester.

# Roles and responsibilities

## Roles and assigned responsibilities

|  |  |
| --- | --- |
| **Role** | **Responsibility** |
| Tester | Run automation |
| Automation developer | Add new tests |
|  |  |

# Test Schedule

## Milestones and schedule

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Milestone** | **Deliverable** | **Effort(Person Hour)** | **Start Date** | **End Date** |
| 1 |  | 10 | 2/3/2018 | 5/3/2018 |
|  |  |  |  |  |
|  |  |  |  |  |

# Approval

The undersigned acknowledge they have reviewed the Zopa Automation**Test Plan** document and agree with the approach it presents. Any changes to this Requirements Definition will be coordinated with and approved by the undersigned or their designated representatives.

|  |  |  |  |
| --- | --- | --- | --- |
| Signature: |  | Date: |  |
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| Title: |  |  |  |
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