Test Plan for Heroku signup page

Rev A.0 Dated 3-Sep-2019

|  |  |  |  |
| --- | --- | --- | --- |
| **Role** | **Members** | **Must Read following sections** | **Responsibilities** |
| **Test In-Charge** | -- | Complete document | Test Scope, approach, test execution completeness, defect resolutions, test setup, test cases, test program & test data |
| **Test Engineers/Testers** | BhanupriyaS1 | Complete document | Test execution, defect verification and follow-up/closure |
| **Subject Matter expert** | -- | Sections 2.0 |  |
| **Development Interface** | -- | Sections 2.0 |  |
| **Development Engineers** | -- | Complete document | Test Coverage, test case, test data review, defect resolution |
| **Test Manager** | -- | Complete document | Meet product business quality standards, test scheduling, tracking, re-planning, set schedule & quality expectations and w/in budget |
| **Program Manager** | -- | Complete document | Meet product business quality standards & w/in timelines and budget |

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# 1.0 What is to be tested?

Heroku application has to be tested for Firstname , Lastname. Email,Role, Country, Primary deveopment language

# 2.0 What features will we test?

The following features have been identified for testing:

The Signup page would be validated for the below fields

|  |
| --- |
| First Name |
| Last Name |
| E-mail |
| Company name |
| Role |
| Country |
| Primary development language |

## 2.1 What features cannot/will not be validated?

- Capche field cannot be tested , for testing purpose its advised to remove the option

# 3.0 How will I test?

The overall testing includes, validation of screen for all cases using Node library and puppeteer library.

## 3.1 Test Set-up

Heroku sofware wil be tested on Chrome browser using the above mentioned library

### 3.2 Test Strategy/Approach

The SQA team shall validate various inputs vaid and invalid Tests inputs covering all corner case scenarios . Initially will get handon the webpage by manual testing and write all cases for coverage .

Later convert the case to auotomatable and non-automatable cases . Automate the automatable cases using the Node libraray supported for Chrome browser.

Based on the above conclusions, the test strategy would look to cover all the potential regression functional areas as early as possible as listed in this document.

## 3.3 Test Management

## All test cases will be entered in Zephyr in Jira. Test cycles will be created for each round and test results entered in Zephyr itself.

# 4.0 What do I need to meet the above approach?

## 4.1 Hardware Requirements

This section focuses on the hardware QA requirements.

|  |  |  |
| --- | --- | --- |
| **Hardware** | **Qty** | **Available** |
| PC(s)   * Windows 10 64 bit | 1 Each | Yes |

## 4.2 Software Requirements

This section focuses on the software QA requirements.

|  |  |  |
| --- | --- | --- |
| **Software** | **Qty** | **Remarks** |
| Node | Per user |  |
| Puppeteer | Per user |  |
| Jira, Zephyr | Per user | For defect tracking and test management |

## 4.3 Tools

This section lists the common tools which will be used across the various software components. Individual software components tool requirements will be provided in the specific individual software component test plans.

|  |  |  |  |
| --- | --- | --- | --- |
| Tool | Purpose | Avail | Location |
| Test Status Report Template | Test Status Report | Yes |  |
| Test Complete Report Template | Test Completion Report | Yes | \Optimized\_Software\_Update\_Utility\Documents |
| JIRA | Bug Tracker  Test case Management | No | Folder –  TBA |

# 5.0 Test Deliverables

The following are identified as the test deliverables that will be generated at the end of the trident testing

1. Test Completion Report
2. Performance Test Report
3. Documented Test Environment

# 6.0 Project Report Archive

|  |  |  |
| --- | --- | --- |
|  | **File Name** | **Location** |
| **Test Reports** | Test Plan:  Test Completion Report:  Performance Report: | TBD  TBD  TBD |
| **Defect Report** | Project Folder Name: <<TBD >> | Folder: TBD |

# 7.0 References

# Modification History

|  |  |  |  |
| --- | --- | --- | --- |
| **Rev.** | Date | Author(s) | Description |
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