Test Plan

SQS-Assessment

**Document History:** To maintain a list of changes made

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**Table of Contents**

1. Introduction …………………………………………………………………………………… 4
   1. . Purpose …………………………………………………………………………………. 4
   2. . Project Overview ………………………………………………………………………4
   3. . Audience …………………………………………………………………………………. 4
2. Test Strategy …………………………………………………………………………………….5
   1. . Test Objectives …………………………………………………………………………..5
   2. . Test Assumptions ……………………………………………………………………….5
   3. . Test Principles …………………………………………………………………………….5
3. **INTRODUCTION**
   1. Purpose: This test plan describes the testing approach and overall framework that will drive the testing of the below web application.

https://the-internet.herokuapp.com/challenging\_dom

The document introduces:

Test Strategy: rules the test will be based on, including the givens of the project (e.g.: start / end dates, objectives, assumptions); description of the process to set up a valid test (e.g.: entry / exit criteria, creation of test cases, specific tasks to perform, scheduling, data strategy).

Execution Strategy: describes how the test will be performed and process to identify and report defects, and to fix and implement fixes.

Test Environment: process to handle the logistics of the test and all the events that come up during execution (e.g.: communications, escalation procedures, risk and mitigation, team roster)

* 1. Project Overview:

The hardest part in automated web testing is finding the best locators (e.g., ones that well named, unique, and unlikely to change). It's more often than not that the application you're testing was not built with this concept in mind. This example demonstrates that with unique IDs, a table with no helpful locators, and a canvas element.

* 1. Audience:

Project team members perform tasks specified in this document, and provide input and recommendations on this document. Project Manager Plans for the testing activities in the overall project schedule reviews the document, tracks the performance of the test according to the task herein specified, approves the document and is accountable for the results. The stakeholders may take part in the UAT test to ensure the business is aligned with the results of the test. Technical Team ensures that the test plan and deliverables are in line with the design, provides the environment for testing and follows the procedures related to the fixes of defects. Business analysts will provide their inputs on functional changes.

1. **TEST STRATEGY:**

2.1. Test Objectives:

The objective of the tests is to verify the functionality of the web application

<https://the-internet.herokuapp.com/challenging_dom>

The tests will execute and verify the scripts to identify, fix and retest all kinds of defects.

The final product of the test is two fold:

* + A production-ready software
  + A set of stable automation test scripts that can be reused for functional/UAT testing.

2.2. Test Assumptions

Key Assumptions:

* Only the the-internet.herokuapp.com webpage will be tested, when there is a link to other websites (github & elemental selenium) those websites’ data will not be tested.
* Performance testing is not considered for these tests.
  1. Test Principles:
* Testing will be focused on meeting the business objectives, cost efficiency, and quality.
* Testing will be a repeatable, quantifiable, and measurable activity.