Test Plan

SQS-Assessment

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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: All the tests will be written using automation framework such as Selenium webdriver, Testng or JUnit.

Execution Strategy: Tests execution will be done using maven build tool and integrated with Jenkins continuous integration tool.

Test Environment: Test execution is done in local environment.

* 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:

Operations Manager & HR consultant, they will be evaluating the process and execution process.

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 twofold:

* + A clean code base without any errors.
  + 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.