**\*\*\* Test Plan for Search Type Ahead Automation \*\*\***

"The Search Type Ahead feature enables the Users to enter keywords and they will be suggested preconfigured results from a set of Best Bets which will relate to their search term.

This Plan overviews the Search Type Ahead Automation testing scenarios."

1. Test Plan Objective

1.1. The objective of this Test Plan is to make sure the Search Type Ahead functionality is working and suggesting results as expected.

1.2. Type Ahead Results redirecting to appropriate pages.

**2. Test Strategy: The project’s testing objectives and the means to achieve them**

2.1. Determine effort

2.2. Determine Cost

2.3. Scope: Identified at high level

2.4. In Scope: Functional Test - Automation

2.4.1. Automated Test: The Automated Test will be Behavior Driven and aims to test all acceptance criteria by Features and Scenarios of the Search Type Ahead feature.

2.4.2. Framework: BDD

2.4.3. Testing tools:

2.4.4. Environment Requirements: Ruby Environment with Cucumber Repository set up

2.5. Out of Scope: Database, Performance etc.

**3. Recourse:**

3.1. QA: 1

3.2. Data Entry Workstations

3.3. Mainframe

**4. Create Test Logistics**

4.1. Who will test?

4.2. When will the test occur?

1. **Test Schedule**

During QA, Stage and Production pipelines

**6. Control Procedures: All keywords entered in the Test Execution should be from the Sample Test Dataset**.

6.1 Reviews

6.2 Bug Review Meetings

6.3 Change Request

6.4 Defect Reporting

**7. Functions to Be Tested**

a. Typing in a Keyword in Search Box results in more than one Best Bet Search Result.

b. Best Bet Search Results matches from Data Set.

c. Best Bet Search Results navigate to appropriate URL.

d. Typing in incorrect Search Term results in corrected Best Bet Search Results

e. Typing invalid Search Term results in Best Bet Search Result showing the invalid Search Term.

**8. Gherkin TEST CASE: Behavior Driven Development Test Case**

8.1.1. Scenario: Specified Term entered accurately:

Given the user is on Autodesk Site

When user enters Specified Terms in Search Bar

Then accurate search ahead results are shown.

8.1.2. Scenario: Specified Term entered inaccurately:

Given the user is on Autodesk Site

When user enters Specified Terms incorrectly in Search Bar

Then accurate search ahead results are shown.

8.1.3. Scenario: Invalid Term entered:

Given the user is on Autodesk Site

When user enters Invalid Term in Search Bar

Then term shown in search ahead result.

8.1.4. Scenario: Search Ahead Results point to appropriate locations:

Given the user is on Autodesk Site

When user enters Specified Terms in Search Bar

And accurate search ahead results are shown.

And clicks each result

And verifies URLs

Then URLs verified to match Search Type Ahead expected results."

**9. Deliverable**

9.1 Passed/Failed Report

**10. Dependencies**

12.1. Personnel Dependencies

12.2. Software Dependencies

12.3. Hardware Dependencies

12.4. Test Data & Database

12.5. Test environment Dependencies

**13. Risks**

13.1. Schedule

13.2. Technical

13.3. Management

13.4. Personnel:

13.5. Requirements:

**14. Tools:**

**15. Documentation**:

15.1. Confluence

15.2. Wiki

15.3. Wireframe

15.4. Comp/art effects/Visual

**16. Approvals**