**Test Plan for Challenging DOM:**

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**2.Purpose**----------------------------------------------------------------------------------------------------------🡪2

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**11.1 Automation Tools Required**

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**Change Version:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No.** | **Author Name** | **Description** | **Date** |
| 1 | Dhilip Prasanna R | Initial Version(v 1.0) | 12/03/2019 |
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|  |  |  |  |

**1.Description:**

This test plan describes what to test, how to test, Various entry and exit criteria’s and tools used. It also includes the assumptions and Risks (If any).

**2.Purpose:**

The main purpose is to automate various unique IDs, a table with no helpful locators, and a canvas element.

**3.Scope of Testing:**

Web application testing (Tables, Buttons, links and Canvas)

**4.Assumptions(If Any)::**

Testing is carried out assuming that the Application Under Test(AUT) is in English language and all the fields are able to inspect and locate the properties.

**5.Risks(If Any):**

Identifying the challenging locators

**6.Features to be tested:**

\*Value of canvas element for various operations(button click, edit link)

**7.Features not to be tested:**

\*AUT performance

\*Stress Testing

**8.Types of Testing:**

1. Sanity Testing
2. Regression Testing

**9.Entry Criteria:**

Environment readiness and Automation tool setup completed

**10.Exit Criteria:**

After 100% test coverage is achieved

**11.Resources and Environment:**

**11.1 Automation Tools Required:**

\*Selenium WebDriver

\*Eclipse IDE

\*Jenkins (For Continuous Integration)

**11.2 System Requirements:**

\*PC with 4GB RAM

\*Atleast 3 GB of Hard disk space

\*An operating system to install and execute Selenium Webdriver

\*JDK Latest Version

**12.Repositories Used:**

GitHub

**13.Terms/Acronyms:**

| TERM/ACRONYM | DEFINITION |
| --- | --- |
| AUT | Application Under Test |
| JDK | Java Development Kit |