A picture containing electric blue, azure, screenshot, blue

Description automatically generated

Test Plan

**Project Name: Challenging DOM**

**Prepared By: Jyothi Lingineni**

**Date: 28-05-2023**

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# Overview

This document serves as a test planning document with details on the scope of the project, test strategy, test schedule, resource requirements and test deliverables.

# Scope

The Scope of the project includes testing the following Web pages of The Internet website++

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

## Inclusions

## 

* + - Page Title
    - Page header
    - Button Actions
      * Validate Blue Button
      * Testing its id after click
      * Testing the text after click
      * Validate Red Button
      * Testing its id after click
      * Testing the text after click
      * Validate Green Button
      * Testing its id after click
      * Testing the text after click
    - Table Contents
      * Validate table headers
      * Validate Table row
      * Validate Table Columns
    - Canvas Element
      * Validate “Answer” value after browser refresh
      * Validate “Answer” value after button click

## Test Environments

Entire actions mentioned in the ‘INCLUSIONS’ section within the scope section will be tested manually and automated using the tools –

* + - Windows 10
    - Eclipse
    - Java JDK
    - Chrome Browser and chromedriver executable file

## Exclusions

Any areas that are NOT included in the “INCLUSIONS” section.

# Test Strategy

Create Automation test cases for the webpages of The Internet application and execute tests by following below approach

* + Identify the buttons, table elements and the hyperlinks that exists within the identified Challenging DOM webpage of The Internet application and create automated test cases accordingly.
  + Establishing TestNG framework using Page Object Model concept, Selenium with Java

I’ll consider below listed testing type while testing the functionalities and report any bugs found –

**Automation Functional testing** – Testing the webpage (mentioned within the scope of project) of the webpage to make sure that each hyperlink does what it is supposed to do and doesn’t do what it is not supposed to do.

**UI Testing –** Testing the graphical user interface of the application on environments mentioned under “Scope‟ ” Test Environments‟ section.

# Problem Reporting and Test Tracking Procedures

**Bug Reporting Procedure:**

During testing –

* + Any deviation from expected behavior by the application will be noted and reported as Bug. If it can’t be reported as a Bug, it’d be posed as a question.
  + Any bugs related to graphical user interface of the application will be reported.
  + After discovery of a Bug, it will be re-tested to verify reproducibility of the Bug.

Note:

1. Bugs will be documented in test report will be logged in test reporting tool

# Roles/Responsibilities

|  |  |  |
| --- | --- | --- |
| **Name** | **Role** | **Responsibilities** |
|  |  |  |
|  |  |  |

# Test Deliverables

The following will be delivered to Expleo during the project -

|  |  |  |  |
| --- | --- | --- | --- |
| **Deliverables** | **Description** | **Responsible**  **Owner** | **Target Completion**  **Date** |
| Test Plan | Details on the scope of the project, Test strategy, Test schedule, Resource requirements and Test deliverables | Jyothi Lingineni | 28th May 2023 |
| Automated Test Cases | Automation test suite created for the Web page. | Jyothi Lingineni | 28th May 2023 |