## **ABOUT THE SOLUTION**

The program is capable of running the script using different web browsers (given the necessary drivers have been installed) by specifying the browser detail in the app.config file but the test results provided were run mainly using Google Chrome browser. A default username and password is provided as well for scenarios needing an existing user account which is also set up in the app.config.

## **TOOLS REQUIRED TO RUN THE TESTS:**

* Microsoft Visual Studio Community 2019 (version 16.11.2)
* SpecFlow 3.7.13
* Selenium ChromeDriver
* Google Chrome Browser

## **TEST APPROACH**

The test automation program provided makes use of the BDD approach using Specflow and designed using C# language in Visual Studio.

It covers the following main functions of the Buggy Cars Rating website:

* Site Access (Logon/Logoff)
* Site Registration
* User Profile Update
* Site Navigation
* Voting Feature

## **CRITICAL BUG REPORTS**

Tested site: <https://buggy.justtestit.org>  
Browser used: Google Chrome (version 92.0.4515.159)

## **PROBLEM 1**

Newly registered user is not taken to the main page upon logging in.

STEPS TO REPRODUCE:

1. From the home page, click “Register”.
2. Provide user details in the Registration page and click “Register”. Message “Registration is successful” is displayed.
3. Enter the username and password of the newly registered user then click “Login”.

ACTUAL RESULT:

The user is successfully logged on but was not taken to the site’s main page. User is shown the Registration page with blank fields and “Registration successful” message.

EXPECTED RESULT:

The user is successfully logged on and taken to the site’s main page.

## **PROBLEM 2**

User is not taken to the home page upon logging out after updating profile.

STEPS TO REPRODUCE:

1. Login user and click “Profile”.
2. Perform any updates to the user profile and click “Save”. Profile is saved successfully.
3. Click “Logout”.

ACTUAL RESULT:

Upon logging out, the user was not taken to the site’s home page. User is still in the Profile page.

EXPECTED RESULT:

The user is successfully logged out of the system and taken to the site’s home page.

## **PROBLEM 3**

User is not taken to the main page upon clicking the “Buggy Rating” link from the Popular Make page.

STEPS TO REPRODUCE:

1. Go to the Popular Make page.
2. Click the “Buggy Rating” link.

ACTUAL RESULT:

User was not taken to the site’s home page. User is still in the Popular Make page.

EXPECTED RESULT:

User should be taken to the site’s home page.