# **Buggy Car Ratings -Test Approach**

**Application Under Test -**

https://buggy.justtestit.org/

**Test Scope:**

The scope of this test is to verify the functionality of Buggy Car Rating's website. Functionality includes registration, rating submission, voting, log in/out, profile and filter.

**Test Strategy:**

The testing will be done in two areas:

* **Manual testing** – It will cover all functional testing and documented bug.
* **Automated testing** - It will cover all critical and time-consuming testing.

**Testing Types:**

The testing will include functional, regression, and performance testing.

* **Functional testing (In scope)** – It will check that the system meets the specified requirements and performs as expected.
* **Regression testing (In scope)** -It will check that changes or updates to the system do not negatively impact existing functionality.
* **Performance testing (out of scope)** - It will check that the system can handle the expected user load and provide an optimal user experience.
* **Security testing (out of scope**) – It will check the system authentication and vulnerability.
* **Accessibility testing- (out of scope)** – It will check that the system can use by people with special needs.
* **Cross browser and device testing (In scope**)-It will check the system is working in different browsers and device.

**Testing Tools:**

* Manual testing will be performed using the Buggy Car Ratings web application in different browser and will include exploratory testing and device testing.
* Automated testing- Tools use in automation are –
* Selenium WebDriver
* C#
* Specflow
* NUnit
* Visual Studio 2022

**Test Deliverables:**

The following deliverables will be produced:

* Test approach document
* Automation script files with clear documentation.
* Defect report with issues found during testing.