**Test approach - Buggy Cars Rating**

**Objective**

The primary objective of testing buggy car rating website (<https://buggy.justtestit.org>) is to ensure that it meets the requirements and functions as expected without any errors, bugs, or issues. The approach ensures that all the critical functionalities of the website works correctly and is easy to use and navigate. All the functionalities are separated to have greater coverage and readability.

**Scope**: Functional testing, Exploratory testing

**Environment Setup:**

Install and configure the code in any IDE, jdk8 and maven. The below dependencies are used:

* Selenium 3.141.59
* TestNG 6.14.2
* Log4j 1.2.17

**Test Case Creation:**

Five critical functionalities are identified that needs to be tested. They are as follows:

1. Login: Validate if the user can login with valid credentials
2. User Registration: Create a new user and validate the successful registration.
3. Navigation: Navigate to multiple screens and check if the appropriate data is populated
4. Voting function: Navigate to appropriate screen, register the vote along with comment and validate the successful registration of the same.
5. User Profile update: Update the user details and validate the successful update of the same.

**Test Case Execution:**

Execute the test cases and the test results are generated in logs. Critical bugs are also documented.