**Test Approach - Buggy Cars**

**Introduction**:

The purpose of this test strategy is to ensure the quality of the Buggy Cars Rating application by identifying and reporting as many bugs as possible before release. The project team will utilize dynamic testing methods, including functional and exploratory testing, to achieve this goal.

**Scope and Objectives**:

1. Identify and report as many bugs as possible before the application release.

2. Verify that the application's functionality meets the requirements.

3. Ensure that the application is user-friendly and easy to use.

**In-Scope:**

**Functional Testing:**

* Testing the critical functionalities such as Login/Logout, User Registration, User Profile Changes, Voting Function, and Browsing through different car make and model pages.
* Tester will use Google Chrome browser to test the application.
* Application will be tested on Mac OS operating systems for testing.
* Both Manual and Automation testing is used to test the application.

**Exploratory Testing:**

* Testing for additional defects, performance issues, and usability problems.
* The focus will be on the web-based application only, and not the mobile version.

**Out-of-Scope:**

* Non-functional Testing is out of scope for this project.
* Testing on browser such as Internet Explorer, Mozilla Firefox, and Microsoft Edge etc. is not in scope.

**Tools Used:**

Selenium Webdriver - Browser Automation Framework

Java - Programming Language

TestNG - Testing Framework

Maven - Build Automation Tool

Eclipse - IDE for Development