Test Approach - Buggy Cars Rating

1. Introduction

The idea behind this project is to achieve highest possible test coverage for the application the application Buggy Cars Rating in the least possible time. Black box testing strategies will be applied in conjunction with experience based testing, mostly focusing on the high usage cases such as Register, logon, voting, commenting and logout. Minimal testing would be carried out for secondary use cases such as profile page and navigation. Also, high importance would be given for generating a stable automation testing suite.

2. Scope

In scope:

- Manual testing of the use cases:
    - Register
    - Logon
    - Voting
    - Commenting
    - Ranking
    - Profile page
    - Navigation links
    - Logout
- Test automation of critical functionalities:
    - Register
    - Logon
    - Voting
    - Commenting
    - Logout
- Browser:
    - Google chrome v114

Out of scope:

- White box testing
- Performance testing
- Penetration testing
- Usability testing
- Accessibility testing
- Sociability testing

3. Test tools

Defect logging: Document editor (Export as PDF)

Test automation
Following tools would be used for creating automated tests for the project
- Java
- Webdriver
- cucumber
- Junit
- Maven

4. Reporting

Test documentation would be using a document editor and would be exported as PDF.

The test automation scripts together with the test documents would be uploaded to GitHub.