Test Approach

Project Name: **Buggy Cars Rating**

Application under test: **https://buggy.justtestit.org/**

Author: Kiranmayi Andala

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1. Overview:

This is a document which outlines the test approach for testing 'Buggy Cars Rating' application in which users can vote the popular model, view the details of the popular make and can view the overall rating for the list of all registered models.

2. Scope:

Testing in scope:

- Functional testing
- UI testing
- Automation testing

Testing out of scope:

- Performance testing
- Security testing
- Load/Stress testing
- Mobile testing

3. Environment:

Testing will be conducted in the below environments:

- Qual
- Prod

4. Features to be tested:

Testing of below features will be covered:

- Register with valid data
- Register an existing user

- Login with valid credentials
- Popular make page
- Page navigation
- Updating User profile
- Voting the popular model
- Sort by Make, Model, Votes and Engine
- Log out

5. Automation coverage:

The below functionalities of the application will be automated:

- Register a new user
- Login to the application
- Vote the Popular model
- Update the Profile
- Sorting by 'Make' in the 'Overall Rating' page

6. Tech Stack:
- IntelliJ IDE
- Java
- Gradle
- Selenium
- Cucumber
- Junit
- GitHub
- Page Object Model

7. Deliverables:
- Test approach document
- Defect report
- Automation code repo
- Test automation results report