# Test Approach

## Objective

Given the application <https://buggy.justtestit.org/>, objective is to

* Identify appropriate testing.
* Identify and document 2-3 most critical bugs in the application.
* Automate the top 5 critical functionalities of BuggyCars.

Assumption:

Primary use of this application is to allow user to explore the variety of cars and votes for the cars he likes (one, many or all). For voting, user registration is must.

Testing approach taken here is to make sure functionality is working as expected without compromising UX ( user experience) and data privacy.

## In-Scope

Test strategy will cover below points for BuggyCars.

* Testing types
  + Functional Testing
  + Exploratory Testing
  + Security Testing
* Bug Report.
* Automation Testing of top 5 functionalities.

## Out of Scope

* Performance/Load Testing
* API Testing

## Tools & technologies used for Automation

Framework: Selenium

Model: Page Object Model (POM)

Build tool: Maven

IDE: IntelliJ IDEA

SDK: JDK 11

Language: Java 8

Artefact: JAR