**Buggy Cars Rating Application Test Approach**

**Project Scope:**

Scope of this project would be to provide an overall rating for Buggy Cars based on the popularity of the Make, Models and Overall Ratings.

**Test Approach:**

As part of testing, we are covering below Test types.

**Functional Testing Scenarios:**

Coverage of all the functional Scenarios List:

* Access to Application
* New user Registration
* Register
* Cancel
* Login into Application
* Valid Credentials
* Invalid Credentials
* Log off
* Profile details Change
* Basic Info
* Additional Info
* Save / Cancel
* Change Password
* Additional Info to change Password
* Save/Cancel
* Access Popular Make
* Navigate to Popular Make section
* Verify Car details information
* Filter/Sort Headers
* Images for each car
* Links like View More Information
* Vote
* Comments
* Pagination
* Access Popular Model
* Navigate to Popular Make section
* Verify Car details information
* Vote
* Comments
* Access Overall Rating
* Navigate to Popular Make section
* Filter/Sort Headers
* Images of Each car
* Links like View More Information
* Vote
* Comments
* Pagination

**Automation Testing:**

* Automate as much as High level functional Test cases can automate during the given project delivery time.

**Non-functional – Performance tests**

* Load Test need to conduct once Application is stable to know how much load can take Buggy Cars Rating application
* Performance Test need to be done to know how Application is performing and under different loads.

**Unit Testing:**

* Unit tests should develop during development phase if any

**E2E Testing:**

* E2E tests are to verify the integration if Application is connected to other system components and verify still perform as normal or not
* A light regression tests – After BAT testing and all defects are resolved. Just before go-live.

**BAT:**

* BAT should cover the E2E Testing including UI functionality and each section views, filters, and downstream systems if any.
* This testing will be supported by test team and a review of tests done will help identify areas where BAT should be focusing on.
* BAT will be done in Preprod or next to Production environment.

**Testing Tools:**

* UI Test Cases: Ms Excel/ Word
* Automation: Selenium
* Non-Functional Testing: Load test tools
* Bug Reporting: Ms Excel/ Word – Communicate via Emails

**Production Cutover:**

* Cutover / Project schedule plan needs to be reviewed if any
* Production verification smoke tests to be carried out on the cutover day
* Production Monitoring plan to be reviewed after go-live