Test Approach

**Risk Base testing approach** will be used in the testing of : [https://buggy.justtestit.org](https://buggy.justtestit.org/) to prioritize the testing of features and functions of the software application which are more impactful and likely to have defects.

* *Most* of the test cases focused on functional testing of the application such as Login, Register, Vote button, Comment section, checking the links.
* *Some* test cases focused on Navigation of pages.
* *Few* test cases focused on User Interface and Data Validation testing.
* *Very few* test cases focused on integration scenarios with other services such as Facebook and Twitter.

# Types of testing

This test approach will cover the testing of all the features and full end to end testing:

* Functional Testing
* Integration Testing
* User Interface Testing
* Useability Testing
* System Testing
* Security Testing
* End to end Testing

# Environment

This application will be tested in the following environment

* Cross Browser testing in Chrome and Safari
* Mobile Testing using Android and iOS

# Testing Techniques

* Boundary value analysis technique is used to test the error conditions like maximum limit for Login Id, Password, Voting Comments.
* Decision Table technique is used in Registration form.
* Error guessing technique as the requirement was not available.

Defect Management

The objective of the defect management process is to maintain a record of all software quality issues identified during testing and to provide visibility around how these were resolved.

During test execution, the testers may find test cases fail and every failed or blocked test scenario must have an associated defect to it.

|  |  |  |
| --- | --- | --- |
| Classification | Description | Definition |
| Severity 1 | Critical | Defects that prevent the overall system from operating and for which no operational work-around can be produced.  It prevents either use or testing of the system. |
| Severity 2 | Major | Defects that affect a major function for which there is no workaround. |
| Severity 3 | Moderate | Defects that affects the system but for which there is a workaround. Use or testing of the remaining features can continue but may be limited. |
| Severity 4 | Minor | Defects that have a very minimal effect on operation of the system. Maybe cosmetic - information is correctly shown but the appearance is wrong, such as misspelled words, wrong font, wrong indentation, etc. |

**List of Defects**

|  |  |  |  |
| --- | --- | --- | --- |
| **Defect no** | **Severity** | **Defect Description** | |
| 1 | Critical | | Many critical links including the main page links are not working in Safari both on mobile as well as MacBook.  When we click on link, the page went into infinite waiting.  User could not able to vote using the Safari browser. |
| 2 | Critical | | In Page 4 of Overall Rating section, the Comments section is missing.    When I select the car, the information is missing.    When I tried to go back on previous page, the navigation is not working. |
| 3 | Major | | In some car’s models, Author name is not displaying.    e.g. Guilia Quadrifoglio  In some car’s models, Author name is displaying.  e.g. Miura |
| 4 | Major | | Logout button is not working on Overall Rating Page |
| 5 | Major | | Twitter Link is broken on Overall Rating Page |
| 6 | Moderate | | In the car detail page, when I click on main car picture, it takes me to the home page. |
| 7 | Minor | | Incorrect data- Lamborghini Diablo max speed is incorrect. |