

## Test Approach

As the tester; I would involve on application engineering process at the earliest possible stage. This enables the tester to get a detail understanding on the application requirements, their client base, client expectations etc.

It would be ideal to test this application at the API level before the wiring is done with UI, which enables to find the issues at the early stage. This should also include the performance related tests. After the API level test, System, Regression Usability tests can be performed.

Since Buggy Rating is a developed application, I would conduct the following test actions;

### **Functionality Testing**

All links ; internal links and links that point to the same page.

Forms on all pages ; values that are typed in must be checked for proper validation. Other basic requirements such as setting default values for each field, proper error messages displayed on wrong entry and ability to create/update/delete forms, if applicable, must also be verified.

### **Compatibility Testing**

The Buggy Rating should be tested for operating systems compatibility, browser compatibility via automated browser testing tools, mobile browsing and printing options.

### **Usability Testing**

consistency between various web pages

Content on the pages must be tested for accuracy, logical/structural display, any spelling/grammatical errors and coordinated font sizes/colors.

Image sizes and shapes, tables and charts must look in place within the webpages.

### **Volume/Load Testing**

Since this application enables voting, there could be a considerable amount of simultaneous users accessing the application performing different actions .. Therefore, the application should be Load tested

With the votes , the application overtime may need to deal with huge amount of data in the backend and we need to test and see how the application behave with huge volume of data.

### **Ad hoc/ Exploratory Testing**

Will enable to find lot of hidden issues

## **Regression Testing**

Can be done both manual and automated. Suggest automated tests as application features may grow with time

## **Roles and responsibilities of Buggy Rating Tester**

Tester is required to; Conduct selected tests for Buggy Rating , Defect Management , Client Demo , Release Notes and test sign off