**Test Approach**

Got the requirement to test “Buggy Rating” website (https://buggy.justtestit.org). Perform following types of testing on the given web application:

1. Functionality testing: Test the functionality of all the features which includes web pages, web forms, input boxes and search features.
2. Security testing: Identify security risks, threats and vulnerabilities in this application. Password cracking and cross-site scripting (XSS) also part of this testing. But Security testing is not in scope in this project.
3. Performance testing: Performance testing of this application is also not in scope of this project.

Manual testers will perform all the manual/functional checks on the given website to make sure all the web pages, web forms, input boxes and search features are working fine, document the bugs identified.

Perform regression testing to make sure that new code changes should not have side effects on the existing functionalities.

Overall plan is to perform 1 cycle of functional testing, 1 round of regression testing and 1 round of exploratory testing.

Identify the five critical functionalities and automate them by using Selenium web driver with Java. Use Cucumber, Maven and Junit framework.

Upload all the deliverables includes bug report, test approach document, automation code, Read me file for automation in public repository in GitHub.