

Test Approach

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1. Test Objectives

The test objectives are to verify that all business and functional requirements are fulfilled and that all items within scope are successfully tested and functioning as expected.

2. Scope

2.1 In Scope

Below are the items identified to be tested as part of Buggy Cars Rating website:

Component	Functions
Registration	<ul style="list-style-type: none">• Verify successful registration• Validate mandatory fields, character usage, and character limits -• Test registration forms to ensure they are working as expected• Check for appropriate error handling
Login/Logout	<ul style="list-style-type: none">• Verify successful login using valid credentials (Username & Password)• Test unsuccessful login scenarios including invalid credentials or missing username/password• Verify successful logout
Profile Update	<ul style="list-style-type: none">• Test profile update forms to ensure they are working as expected• Verify successful profile updates• Ensure users are able to save and view their updates
Voting	<ul style="list-style-type: none">• Verify users can vote and add comments• Ensure users' votes and comments are saved successfully and reflected in the website
User Interface	<ul style="list-style-type: none">• Test site navigation• Verify links are working as expected and ensure there are no broken links• Test pagination - Verify the format and functionality of the pagination feature.• Ensure correct images are displayed• Verify menus, buttons, or links are easily visible and consistent on all web pages

2.2 Out of Scope:

System Testing: Verification that various modules of the application, which have been independently tested, function correctly together to meet specified requirements.

Compatibility Testing: Ensuring that the Buggy Cars Rating website displays accurately across multiple browsers and devices.

Regression Testing: Providing confidence and assurance that the solution is ready for the next phase, and there is no degradation to quality due to any regressive issues introduced in the defect fix releases.

Performance Testing: Testing conducted to determine how well a system or application performs in terms of speed, scalability, and stability under a given workload.

2.3 **Testing Tools:** The testing and defect management will be done using JIRA, while document management will be handled through ShareX. Web browsers such as Chrome, Edge, etc., will also be used for testing purposes.

2.4 **Testing Schedule:** The following timeline has been defined for testing the Buggy Cars Rating website:

System Testing: Start date - DD/MM/YYYY, End date - DD/MM/YYYY

Compatibility Testing: Start date - DD/MM/YYYY, End date - DD/MM/YYYY

Regression Testing: Start date - DD/MM/YYYY, End date - DD/MM/YYYY