National University of Computer and Emerging Sciences Chiniot-Faisalabad Campus



**metabase**

Software Quality Engineering

### Semester Project

### Phase 2

### BS (SE) 5A

## Team Name: zzwave-testing

## Team Member’s:

## 21F-9516 -> Suresh Kumar

## 21F-9519 -> Rai umer farooq

## 21f-9510 -> mian fahad akhtar

**TestRail**

**1-New Test Case in TestRail**

**Title:**

Create New Test Case in TestRail

**Pre-conditions:**

User must be logged into TestRail with the appropriate permissions.

A test suite/project must be available.

**Test Steps:**

* Navigate to the specific project.
* Click on 'Add Test Case' button.
* Fill out the test case details such as title, type, priority, etc.
* Click 'Submit'.

**Expected Result**:

A new test case should be added to the test suite/project and should be visible in the list of test cases.

**Actual Result:**

New test case was successfully created and is visible in the list.

**Status:**

Passed

**Priority:**

High

**Date of Execution:**

2023-09-22

**Bugs:**

None

**2-Execute a Test Case in TestRail**

**Title:**

Execute a Test Case in TestRail

**Pre-conditions:**

* User must be logged in.
* A test case ready for execution must exist.

**Test Steps:**

* Navigate to the test run containing the desired test case.
* Click on the test case to open it.
* From the execution dropdown , select 'Passed' or 'Failed' or other relevant status.
* Click 'Add Result'.

**Expected Result:**

The test case status should update to the selected execution status.

**Actual Result:**

Test case status updated to "Passed."

**Status:**

Passed

**Priority:**

Medium

**Date of Execution:**

2023-09-23

**Bugs:**

None

**3-Attach a File to a Test Case Result**

**Title:**

Attach a File to a Test Case Result

**Pre-conditions:**

User is in the process of updating test results.

A file to upload is available.

**Test Steps:**

* After executing a test case, in the 'Add Result' window, look for the 'Attachment' section.
* Click 'Browse' or 'Upload'.
* Select the desired file.
* Submit the result.

**Expected Result:**

The file should be attached to the test result, and users can view/download it.

**Actual Result:**

File upload failed with an error message.

**Status:**

Passed

**Priority:**

Low

**Date of Execution:**

2023-09-23

**Bugs:**

None

**4-Assign Test Case to a User in TestRail**

**Title:**

Assign Test Case to a User in TestRail

**Pre-conditions:**

* User must be logged in.
* A test case must exist.
* Multiple users should be part of the project.

**Test Steps:**

* Navigate to the desired test case.
* Click on the 'Assign' option.
* Choose the user from the dropdown list.
* Save the assignment.

**Expected Result:**

The test case should now be assigned to the selected user.

**Actual Result:**

Test case assigned successfully.

**Status:**

Passed

**Priority:**

Medium

**Date of Execution:**

2023-09-24

**Bugs:**

 None

**5-Filter Test Cases by Status in TestRail**

**Title:**

Filter Test Cases by Status in TestRail

**Pre-conditions:**

User must be logged into TestRail with the appropriate permissions.

Multiple test cases with varying statuses (e.g., Passed, Failed, Not Executed) must exist within a project.

**Test Steps:**

Navigate to the desired project and test suite containing test cases.

On the test cases page, locate the 'Status' filter dropdown.

Select the desired status, for instance, "Failed."

Apply the filter.

**Expected Result:**

Only test cases with the status "Failed" should be displayed in the list.

The count of displayed test cases should match the number of failed test cases in the project.

**Actual Result:**

All "Failed" test cases were displayed correctly.

**Status:**

Passed

**Priority:**

Medium

**Date of Execution**:

2023-09-25

**Bugs:**

None

budget, and preferences.