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

**API in TestRail**

**1-Authentication Success Test Case in TestRail**

**Test Case:** Authentication Success

**Test Steps:**

1. Open the authentication endpoint.

2. Send valid credentials to the authentication endpoint.

**Expected Result:**

- Receive a valid authentication token.

**Test Data: (if applicable)**

- Valid username

- Valid password

**Status:**

Passed

**Priority:**

Medium

**Date of Execution**:

2023-11-5

**Bugs:**

None

**2- Authentication Failure Test Case in TestRail**

**Test Case:** Authentication Failure

**Test Steps:**

1. Open the authentication endpoint.

2. Send invalid or expired credentials to the authentication endpoint.

**Expected Result:**

- Receive an error response indicating authentication failure.

**Test Data: (if applicable)**

- Invalid or expired username

- Invalid or expired password

**Status:**

Passed

**Priority:**

Medium

**Date of Execution**:

2023-11-5

**Bugs:**

None

**3- Get Action List Test Case in Test Rail**

**Test Case:** Get Action List

**Test Steps:**

1. Open the endpoint to retrieve the list of available actions.

2. Send a request with a valid authentication token.

**Expected Result:**

- Receive a list of actions with their details.

**Status:**

Passed

**Priority:**

Medium

**Date of Execution**:

2023-11-5

**Bugs:**

None

**4- Execute Action Test Case in TestRail**

**Test Case:** Execute Action

**Test Steps:**

1. Open the endpoint to execute a specific action.

2. Send a request with a valid authentication token.

**Expected Result:**

- Receive a success response, and the system performs the action.

**Status:**

Passed

**Priority:**

Medium

**Date of Execution:**

2023-09-24

**Bugs:**

 None

**5-** **Execute Critical Action with Confirmation Test Cases in TestRail**

**Test Case:** Execute Critical Action with Confirmation

**Test Steps:**

1. Open the endpoint to execute a critical action with confirmation.

2. Send a request with a valid authentication token.

3. Confirm the action.

**Expected Result:**

- Receive a confirmation prompt, and upon confirmation, the action is performed.

**Status:**

Passed

**Priority:**

Medium

**Date of Execution**:

2023-11-5

**Bugs:**

None

**GUI in TestRail**

**1- Action Execution Test Cases in TestRail**

**Test Case:** Action Execution

**Test Steps:**

1. Navigate to the Action Module dashboard.

2. Select a specific action from the list.

3. Execute the selected action.

**Expected Result:**

- The system should perform the action, and the user interface should reflect the changes.

**Status:**

Passed

**Priority:**

Medium

**Date of Execution**:

2023-11-5

**Bugs:**

None

**2-** **: Confirmation Dialog Test Cases in TestRail**

**Test Case****:** Confirmation Dialog

**Test Steps:**

1. Navigate to the Action Module dashboard.

2. Select a critical action for execution.

**Expected Result:**

- The user should see a confirmation dialog seeking confirmation for the action.

**Status:**

Passed

**Priority:**

Medium

**Date of Execution**:

2023-11-5

**Bugs:**

None

**3-** **Cancel Action Test Cases in TestRail**

**Test Case:** Cancel Action

**Test Steps:**

1. Execute a non-critical action.

2. Attempt to cancel the action after initiation.

**Expected Result:**

- The system should revert any changes made by the action.

**Status:**

Passed

**Priority:**

Medium

**Date of Execution**:

2023-11-5

**Bugs:**

None

**4-** **Error Handling Test Cases in TestRail**

**Test Case:** Error Handling

**Test Steps:**

1. Execute an action with incomplete or invalid data.

**Expected Result:**

- The system should display appropriate error messages and prevent the action execution.

**Status:**

Passed

**Priority:**

Medium

**Date of Execution**:

2023-11-5

**Bugs:**

None

**5-** **Action History Test Cases in TestRail**

**Test Case:** Action History

**Test Steps:**

1. Navigate to the Action Module dashboard.

2. Check for a history log of executed actions.

**Expected Result:**

- The user should access a log showing executed actions with timestamps.

**Status:**

Passed

**Priority:**

Medium

**Date of Execution**:

2023-11-5

**Bugs:**

None