**Test Cases:**

**7.1 Test Case 1: Login**

This test case validates the user inputs for login in to the system which includes:

* Check valid username and password
* Check the empty fields

**Traceability Matrix Reference:**

**FR01:** Login

**Database Table:** User

**Test case ingredients:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test**  **case**  **ID** | **Pre-conditions** | **Action/inputs** | **Expected result** | **Test result** |
| 1 | User click on the Login button and Login form appears | User enter the incorrect username and password correct | When user clicks on the login button system must prompt alert message that user must enter correct username. | Pass |
| 2 | User click on the Login button and Login form appears | User enter the username correct but empty the password | When user clicks on the login button system must prompt alert message that all fields must be filled. | Pass |
| 3 | User click on the Login button and Login form appears | User enter the username correct but enter password incorrect | When user clicks on the login button system must prompt alert message password does not match. | Pass |

**Table 16: Test Case Login**

**7.2 Test Case 2: Signup/Register**

This test case checks the registration for event organizers to post their event which includes:

* Check the empty fields

**Traceability Matrix Reference:**

**FR02:** Signup

**Database Table:** User

**Test case ingredients:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test**  **case**  **ID** | **Pre-conditions** | **Action/inputs** | **Expected result** | **Test result** |
| 1 | User click on the Register button if he does not have account | User do not fill all the required fields | Users get alert message that fill all fields | Pass |

**Table 17: Test Case Sign up**

**7.3 Test Case 3: Post Events**

This test case checks and validates the event organizers information which includes:

* Check that user must have to register him before posting an event.
* Check that no two users have selected the same location.

**Traceability Matrix Reference:**

**FR03:** Post Events

**Database Table:** User, events

**Test case ingredients:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test**  **case**  **ID** | **Pre-conditions** | **Action/inputs** | **Expected result** | **Test result** |
| 1 | User click on the Post event button and event entry form appears | User submit the post event form | When user clicks on submit button system must prompt message that user must have to register | Pass |
| 2 | User click on the Post event button and event entry form appears | User enter the same location that already reserved | When user clicks on submit button system must prompt message that location reserved | Pass |

**Table 18: Test Case Post Events**

**7.4 Test Case 4: Search Events**

This test case checks and validates that the event participant can search events successfully that is:

* Check that the user must enter some information in search box
* Check that user must enter valid location in search box

**Traceability Matrix Reference:**

**FR07:** Search Events

**Database Table:** events

**Test case ingredients:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test**  **case**  **ID** | **Pre-conditions** | **Action/inputs** | **Expected result** | **Test result** |
| 1 | User click on the Search button | Empty search box and press search button | When user clicks on search button system must prompt alert message that user must enter text. | Pass |
| 2 | User click on the Search button | User enter invalid location in search box | When user clicks on search button system must prompt alert message that required location does not exist | Pass |

**Table 19: Test Case Search Events**

**7.5 Test Case 5: View Events**

This test case checks and validates that the event participant can view events successfully which includes:

* Check that event participant has to select event category to view the event he wants to join
* Check that event participant has to select event location to view the events he wants to join.

**Traceability Matrix Reference:**

**FR06:** View Events

**Database Table:** events

**Test case ingredients:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test**  **case**  **ID** | **Pre-conditions** | **Action/inputs** | **Expected result** | **Test result** |
| 1 | User click on the View Events hyperlink and view events page appears | User do not select event category and location | When user click on view event button system will display error. | Pass |

**Table 20: Test Case View Events**