## Acceptance Testing

**UAT Execution & Report Submission**

|  |  |
| --- | --- |
| Date | 19 November 2022 |
| Team ID | PNT2022TMID08745 |
| Project Name | SmartFarmer – IoT Enabled Smart Farming Application |
| Maximum Marks | 4 Marks |

1. **Purpose of Document**

The purpose of this document is to briefly explain the test coverage and open issues of the smart farmer project at the time of the release to User Acceptance Testing (UAT).

1. **Defect Analysis**

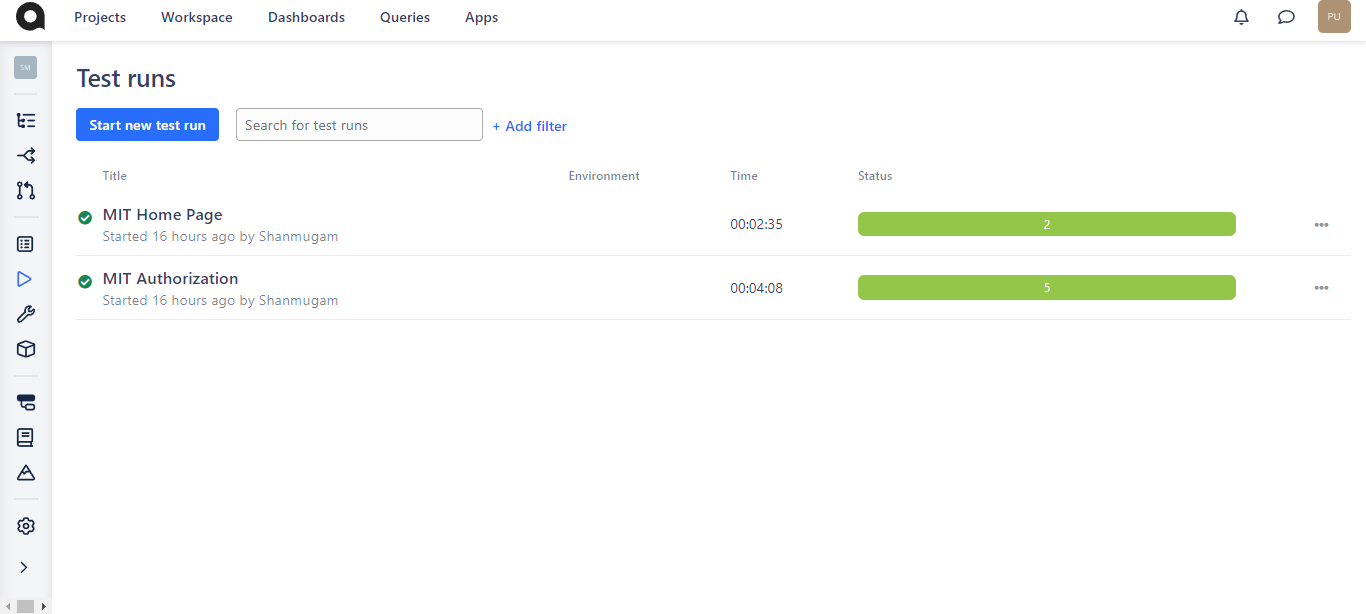
This report shows the number of resolved or closed bugs at each severity level, and how they were resolved

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Resolution** | **Severity 1** | **Severity 2** | **Severity 3** | **Severity 4** | **Subtotal** |
| By Design | 5 | 2 | 0 | 0 | 7 |
| Duplicate | 1 | 0 | 0 | 0 | 1 |
| External | 0 | 1 | 0 | 1 | 2 |
| Fixed | 11 | 0 | 0 | 0 | 11 |
| Not Reproduced | 0 | 0 | 0 | 0 | 0 |
| Skipped | 0 | 0 | 0 | 0 | 0 |
| Won't Fix | 0 | 0 | 0 | 0 | 0 |
| Totals | 17 | 3 | 0 | 1 | 21 |

1. **Test Case Analysis**

This report shows the number of test cases that have passed, failed, and untested

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Section** | **Total Cases** | **Not Tested** | **Fail** | **Pass** |
| Authorization | 5 | 0 | 0 | 5 |
| Home Page | 4 | 0 | 0 | 9 |



# MIT Home Page

### Completion chart Completion stats

Failed (0)



Passed (2)

Blocked (0)

Retest (0)

Untested (0)

Skipped (0)

Invalid (0)

### Completion rate

100%

|  |  |  |  |
| --- | --- | --- | --- |
| **Started by** | **Start time** | **Estimated** | **Time spent** |
| Nesamani | 2022-11-19 02:51:51 | 00:00:00 | 00:02:35 |
| **Environment**  - | **Milestone**  - |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **UI elements** |  | | |
| **Status** | **Time spent** | **Assignee** |  |
| Passed | 00:01:34 | Nesamani |  |
| **Results** |  |  |  |
| **Result 1** |  |  |  |
| **Status** | **Time spent** | **User** | **Defects** |
| Passed  **Finish time** | 00:01:34 | Nesamani | - |
| 2022-11-19 02:53:32 |  |  |  |
| **Steps** |  |  |  |
| Step | 1 |  |  |
| Action | Open the application |  |  |
| Input data |  |  |  |
| Expected result | Login & signup page |  |  |
| Step | 2 |  |  |

Action Enter the given username and password and click on login

Input data Username: sethuss password: 12345678

Expected result User now in home page

Step 3

Action

Verify the below UI elements

1. temperature
2. humidity
3. soil moisture
4. Buttons

Input data

Expected result Everything should be there

# Button & Navigation

|  |  |  |  |
| --- | --- | --- | --- |
| **Status** | **Time spent** | **Assignee** |  |
| Passed | 00:01:00 | Nesamani |
| **Results** |  |  |
| **Result 1** |  |  |
| **Status** | **Time spent** | **User** | **Defects** |
| Passed  **Finish time** | 00:01:00 | Nesamani | - |
| 2022-11-19 02:54:35 |  |  |  |
| **Steps** |  |  |  |
| Step | 1 |  |  |
| Action | Open the application |  |  |
| Input data |  |  |  |
| Expected result | Login & signup page |  |  |

Step 2

Action Enter the given credentials in respective text box and click on login Input data

Expected result Redirecting to Home page

Step 3

Action Check whether button is clickable and able to redirect to next screen Input data

Expected result Go to next screen

# MIT Authorization

### Completion chart Completion stats

Failed (0)



Passed (5)

Blocked (0)

Retest (0)

Untested (0)

Skipped (0)

Invalid (0)

### Completion rate

100%

|  |  |  |  |
| --- | --- | --- | --- |
| **Started by** | **Start time** | **Estimated** | **Time spent** |
| Nesamani | 2022-11-19 02:45:11 | 00:00:00 | 00:04:08 |
| **Environment**  - | **Milestone**  - |  |  |

# Login & Sign-up page access

|  |  |  |  |
| --- | --- | --- | --- |
| **Status** | **Time spent** | **Assignee** |  |
| Passed | 00:00:15 | Sethuram |
| **Results** |  |  |
| **Result 1** |  |  |
| **Status** | **Time spent** | **User** | **Defects** |
| Passed  **Finish time** | 00:00:15 | Sethuram | - |
| 2022-11-19 02:46:03 |  |  |  |
| **Steps** |  |  |  |

Step 1

Action Open the application

Input data

Expected result you will see a login & sign-up page

# UI elements Verification

|  |  |  |  |
| --- | --- | --- | --- |
| **Status** | **Time spent** | **Assignee** |  |
| Passed | 00:00:31 | Sethuram |  |
| **Results** |  |  |  |
| **Result 1** |  |  |  |
| **Status** | **Time spent** | **User** | **Defects** |
| Passed  **Finish time** | 00:00:31 | Sethuram | - |
| 2022-11-19 02:46:36 |  |  |  |
| **Steps** |  |  |  |

Step 1

Action Open the application Input data

Expected result UI elements should be good and data like Login name should be correct.

|  |  |  |  |
| --- | --- | --- | --- |
| **Account Signup** |  |  |  |
| **Status** | **Time spent** | **Assignee** |  |
| Passed | 00:01:18 | Sethuram |  |
| **Results** |  |  |  |
| **Result 1** |  |  |  |
| **Status** | **Time spent** | **User** | **Defects** |
| Passed  **Finish time** | 00:01:18 | Sethuram | - |
| 2022-11-19 02:47:56 |  |  |  |
| **Steps** |  |  |  |

Step 1

Action Open the application Input data

Expected result Login & Signup page should be there

Step 2

Action Enter the given username and password

Input data Username: sethuss Password: 12345678

Expected result

Step 3

Action Click on signup button Input data

Expected result User able to sign up and now they can login by clicking login button

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Login Access** |  | | | |
| **Status** |  | **Time spent** | **Assignee** |  |
| Passed |  | 00:00:51 | Sethuram |  |
| **Results** |  |  |  |  |
| **Result 1** |  |  |  |  |
| **Status** |  | **Time spent** | **User** | **Defects** |
| Passed  **Finish time** |  | 00:00:51 | Sethuram | - |
| 2022-11-19 02:48:49 |  |  |  |  |
| **Steps** |  |  |  |  |
| Step | 1 |  |  |  |

Action Open the application

Input data

Expected result Login & signup page

Step 2

Action Enter the given username and password and click login button

Input data

Username: sethuss password:123456789

The given username is already registered one

Expected result User able to go to next screen

|  |  |  |  |
| --- | --- | --- | --- |
| **Status** | **Time spent** | **User** | **Defects** |
| Passed  **Finish time** | 00:01:10 | Sethuram | - |
| 2022-11-19 02:50:02 |  |  |  |
| **Steps** |  |  |  |
| Step | 1 |  |  |
| Action | Open the Application |  |  |
| Input data |  |  |  |
| Expected result | Login & sign-up page |  |  |

Step 2

Action Enter the username and invalid password and click login button

Input data Username: sethuss password: asdfghsjjy

Expected result User can't login

Comment working as excepted

Step 3

Action Enter the invalid username and password and click login button

Input data Username: sethuss password: 12345678

Expected result User can't login

Comment working