**User Acceptance Testing**

**UAT Execution & Report Submission**

|  |  |
| --- | --- |
| Date | 19 November 2022 |
| Team ID | PNT2022TMID33873 |
| Project Name | Smart Farmer - IOT Enabled Smart Farming Application |
| Maximum Marks | 4 Marks |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Resolution** | **Severity 1** | **Severity 2** | **Severity 3** | **Severity 4** | **Subtotal** |
| By Design | 3 | 0 | 0 | 0 | 3 |
| Duplicate | 0 | 0 | 0 | 0 | 0 |
| External | 4 | 0 | 2 | 0 | 6 |
| Fixed | 7 | 1 | 2 | 0 | 10 |
| Not Reproduced | 1 | 1 | 0 | 0 | 5 |
| Skipped | 1 | 0 | 0 | 0 | 1 |
| Won't Fix | 0 | 0 | 0 | 0 | 0 |
| Totals | 19 | 2 | 4 | 0 | 25 |

# 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)

# Defect Analysis

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

# Test Case Analysis

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Section** | **Total Cases** | **Not Tested** | **Fail** | **Pass** |
| Temperature and Humidity Sensor | 25 | 0 | 0 | 25 |
| Soil Moisture | 10 | 0 | 0 | 10 |
| transmission of data to IBM Cloud | 3 | 0 | 1 | 2 |
| Data Transmission from Cloud to Mobile App | 5 | 0 | 2 | 3 |
| User login in Mobile Application | 10 | 0 | 0 | 10 |
| Accessing the Parameters in Mobile App | 15 | 0 | 2 | 13 |
| Controlling the Motor from the Mobile | 5 | 0 | 0 | 5 |
| Viewing the parameters in the Node RED | 5 | 3 | 0 | 5 |
| Controlling the Motor from Node R | 3 | 0 | 0 | 3 |