User Acceptance Testing

Date	20 November 2022
Team ID	PNT2022TMID34110
Project name	SmartFarmer - IoT Enabled Smart Farming Application

Purpose of Document

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

Increasing control over production leads to better cost management and waste reduction. The ability to trace anomalies in crop growth , for instance , helps eliminate the risk of losing yields. Additionally automation boosts efficiency. Smart farming reduces the ecological footprint of farming. Minimized application of inputs ,such as fertilizers and pesticides , in precision agriculture systems will mitigate leaching problems as well as the emission of greenhouse gases.

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	8	3	2	2	16
Duplicate	1	0	2	0	3
External	2	3	0	1	6
Fixed	9	2	3	17	31
Not Reproduced	0	0	1	0	1
Skipped	0	0	1	1	2
Won't fix	1	4	1	1	7
Totals	21	12	9	22	66

Test Case Analysis

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

Section	Total Cases	Not Tested	Fail	Pass
Print engine	5	0	0	5
Client Application	30	0	0	35
Security	2	0	0	2
Outsource shipping	2	0	0	2
Exception reporting	9	0	0	9
Final report output	4	0	0	4
Version control	1	0	0	1