

Acceptance Testing
UAT Execution & Report Submission

Date	03 November 2022
Team ID	PNT2022TMID27339
Project Name	Real time river water quality monitoring and control system
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 [Real time river water quality monitoring and control system] project at the time of the release to User Acceptance Testing (UAT).

2. 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	Sub Total
By Design	5	1	0	0	6
Duplicate	0	0	0	0	0
External	8	0	4	1	12
Fixed	13	2	4	1	18
Not reproduced	7	2	0	0	9
Skipped	1	0	0	0	1
Won't fix	0	0	0	0	0
Totals	34	5	8	2	8

3.Test Case Analysis

Section	Total cases	Not Tested	Fail	pass
Temperature Sensor	35	0	0	35
pH Sensor	40	0	0	40
Turbidity Sensor	25	0	0	25
Transmission of data to IBM Cloud	3	0	0	3
Data Transmission from Cloud to Mobile App	5	0	0	5
User login in Mobile Application	10	0	0	10
Accessing the Parameters in Mobile	15	0	2	13
Controlling the Motor from the Mobile App	5	0	0	5
Viewing the parameters in Node RED	5	0	0	5
Controlling the Motor from Node RED	3	0	0	3