

## Acceptance Testing UAT Execution & Report Submission

|               |   |
|---------------|---|
| Date          | 10 November 2022  |
| Team ID       | PNT2022TMID46174  |
| Project Name  | Project – 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 [ProductName] 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 | Subtotal |
|----------------|------------|------------|------------|------------|----------|
| By Design      | 8          | 5          | 2          | 3          | 18       |
| Duplicate      | 2          | 0          | 3          | 0          | 5        |
| External       | 1          | 0          | 0          | 1          | 2        |
| Fixed          | 8          | 2          | 4          | 6          | 20       |
| Not Reproduced | 0          | 0          | 1          | 0          | 1        |
| Skipped        | 0          | 0          | 2          | 1          | 3        |
| Won't Fix      | 0          | 6          | 2          | 1          | 9        |
| Totals         | 19         | 13         | 14         | 12         | 58       |

### 3. Test Case Analysis

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

| Section  | Total Cases | Not Tested | Fail | Pass |
|--|-------------|------------|------|------|
| Designing the circuit  | 3           | 0          | 1    | 2    |
| Create a program suitable for the circuit and also compile and execute the programs. | 4           | 0          | 0    | 4    |
| connect the output values to the cloud services by using NODE RED.                   | 3           | 0          | 1    | 2    |
| Make the data's store in IBM cloudant database                                       | 5           | 0          | 1    | 4    |
| Connects the cloud data with the authorities communication device.                   | 3           | 0          | 1    | 2    |
| Alerts has to be sent to the authorities   | 3           | 0          | 1    | 2    |
| Final Report Output  | 2           | 0          | 0    | 2    |
|  |             |            |      |      |