**Acceptance Testing**

**UAT Execution & Report Submission**

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| --- | --- |
| Date | 17 November 2022 |
| Team ID | PNT2022TMID53558 |
| Project Name | REAL TIME RIVER WATER QUALITY MONITORING AND CONTROL SYSTEMS |
| Maximum Marks | 4 Marks |

# Purpose of Document

The main purpose of our project is to evaluate the parameters of river water and respective control measures to be taken based on our test cases.The data are published in IBM cloud server.The UI is deployed in the Node Red services and app is developed using MIT APP INVENTOR.

# 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 | 9 | 5 | 4 | 3 | 21 |
| Duplicate | 2 | 0 | 2 | 0 | 4 |
| External | 3 | 4 | 1 | 2 | 10 |
| Fixed | 10 | 1 | 5 | 17 | 33 |
| Not Reproduced | 0 | 0 | 1 | 0 | 1 |
| Skipped | 0 | 0 | 1 | 2 | 3 |
| Won't Fix | 0 | 3 | 3 | 1 | 7 |
| Totals | 24 | 13 | 17 | 25 | 79 |

# 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 | 15 | 0 | 0 | 15 |
| Client Application | 45 | 0 | 0 | 45 |
| Security | 1 | 0 | 0 | 1 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Outsource Shipping | 2 | 0 | 0 | 2 |
| Exception Reporting | 10 | 0 | 0 | 10 |
| Final Report Output | 4 | 0 | 0 | 4 |
| Version Control | 3 | 0 | 0 | 3 |