**Acceptance Testing**

**UAT Execution & Report Submission**

|  |  |
| --- | --- |
| Date | 10 November 2022 |
| Team ID | PNT2022TMID11549 |
| Project Name | Smart Waste Management System for Metropolitan Cities - IOT |
| Maximum Marks | 4 Marks |

# Purpose of Document

The purpose of this document is to briefly explain the test coverage and open issues of the Smart Waste Management System 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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Resolution** | **Severity 1** | **Severity 2** | **Severity 3** | **Severity 4** | **Subtotal** |
| By Design | 10 | 4 | 3 | 3 | 20 |
| Duplicate | 1 | 0 | 3 | 0 | 4 |
| External | 2 | 3 | 0 | 1 | 6 |
| Fixed | 11 | 2 | 4 | 20 | 37 |
| Not Reproduced | 0 | 0 | 1 | 0 | 1 |
| Skipped | 0 | 0 | 1 | 1 | 2 |
| Won't Fix | 0 | 5 | 2 | 1 | 8 |
| Totals | 24 | 14 | 13 | 26 | 78 |

# Test Case Analysis

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Section** | **Total Cases** | **Not Tested** | **Fail** | **Pass** |
| Python installation | 7 | 0 | 0 | 7 |
| Launch IBM Watson | 45 | 0 | 5 | 40 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| IBM Watson and python integration | 2 | 0 | 0 | 2 |
| Install Node red | 13 | 0 | 7 | 6 |
| Interconnecting IBM Watson and Node red | 19 | 0 | 10 | 9 |
| Web UI dashboard | 14 | 0 | 0 | 14 |
| MIT app design | 30 | 1 | 4 | 25 |
| To View the Values in mobile Application | 20 | 0 | 7 | 13 |
| Totals | 150 | 1 | 33 | 116 |