# PERFORMANCE METRICS

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| Date | 17-Nov-22 |
| Team ID | PNT2022TMID32982 |
| Project Name | Industry specific intelligent fire management system |

### NFT - Risk Assessment

| S.No | Scenario Name | Scope/feature | Functional Changes | Hardware Changes | Software Changes | Impact of Downtime | Load/Volume Changes | Risk Score |
|---|---|---|---|---|---|---|---|---|
| 1 | Detection accuracy - Response | New | New | Low | Moderate | Moderate | No Changes | Green |
| 2 | Temperature and Humidity below threshold limit | New | New | No | NO | low | No Changes | Green |

### NFT - Detailed Test Plan

| S.No | Project Overview | NFT Test approach | Assumptions/Dependencies/Risks | Approvals/SignOff |
|---|---|---|---|---|
| 1 | Detection Accuracy and response | Using python and Node Red | Dependency- Cloud client / Risk- Moderate | |
| 2 | Temperature and Humidity below threshold limit | Using python and Node Red | Dependency- Cloud client / Risk- Low | |
| 3 | User Mobile Application | Using MIT App inventor | Dependency- Cloud client / Risk- Low | |

### End Of Test Report

| S.No | Project Overview | FT Test approach | NFR - Met | Test Outcome | GO/NO-GO decision | Identified Defects (Detected/Closed/Open) | Approvals/SignOff |
|---|---|---|---|---|---|---|---|
| 1 | Detection accuracy - Response | Using Python and NodeRed | yes | Expectations partially met | No-Go | Observed intermittent performance issue sometimes . Bug is open | |
| 2 | Temperature and Humidity below threshold limit | Using Python and NodeRed | Yes | Expectations met | Go | Obervved response for the leakage detection in the UI and its accuracy is as expected | |