

Acceptance Testing

UAT Execution & Report

Submission

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| Date | 07 November 2022 |
| Team ID | PNT2022TMID03761 |
| Project Name | Emerging Methods for Early Detection of Forest Fires |
| Maximum Marks | 4 Marks |

PURPOSE OF THE DOCUMENT:

User Acceptance Testing (UAT), which is performed on most UIT projects, sometimes called beta testing or end-user testing, is **a phase of software development in which the software is tested in the "real world" by the intended audience or business representative.**

User acceptance testing (UAT), also called application testing or end-user testing, is a phase of software development in which the software is tested in the real world by its intended audience. UAT is often the last phase of the software testing process and is performed before the tested software is released to its intended market. The goal of UAT is to ensure software can handle real-world tasks and perform up to development specifications.

In UAT, users are given the opportunity to interact with the software before its official release to see if any features have been overlooked or if it contains any bugs. UAT can be done in-house with volunteers, by paid test subjects using the software or by making the test version available for download as a free trial.

The results from the early testers are forwarded to the developers, who make final changes before releasing the software commercially.

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 | 1 | 1 | 2 | 0 | 4 |
| Duplicate | 0 | 0 | 0 | 0 | 0 |
| External | 0 | 0 | 2 | 1 | 3 |
| Fixed | 4 | 2 | 4 | 1 | 11 |
| Not Reproduced | 0 | 0 | 0 | 0 | 0 |
| Skipped | 0 | 0 | 1 | 1 | 2 |
| Won't Fix | 0 | 0 | 0 | 1 | 1 |
| Totals | 5 | 3 | 9 | 4 | 21 |

1. TEST CASE ANALYSIS

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

| Section | Total Cases | Not Tested | Failed | Passed |
|---------------------|-------------|------------|--------|--------|
| Client Application | 10 | 0 | 0 | 10 |
| Security | 2 | 0 | 0 | 2 |
| Performance | 2 | 0 | 0 | 2 |
| Exception Reporting | 2 | 0 | 0 | 2 |
| Final Report Output | 3 | 0 | 0 | 3 |