

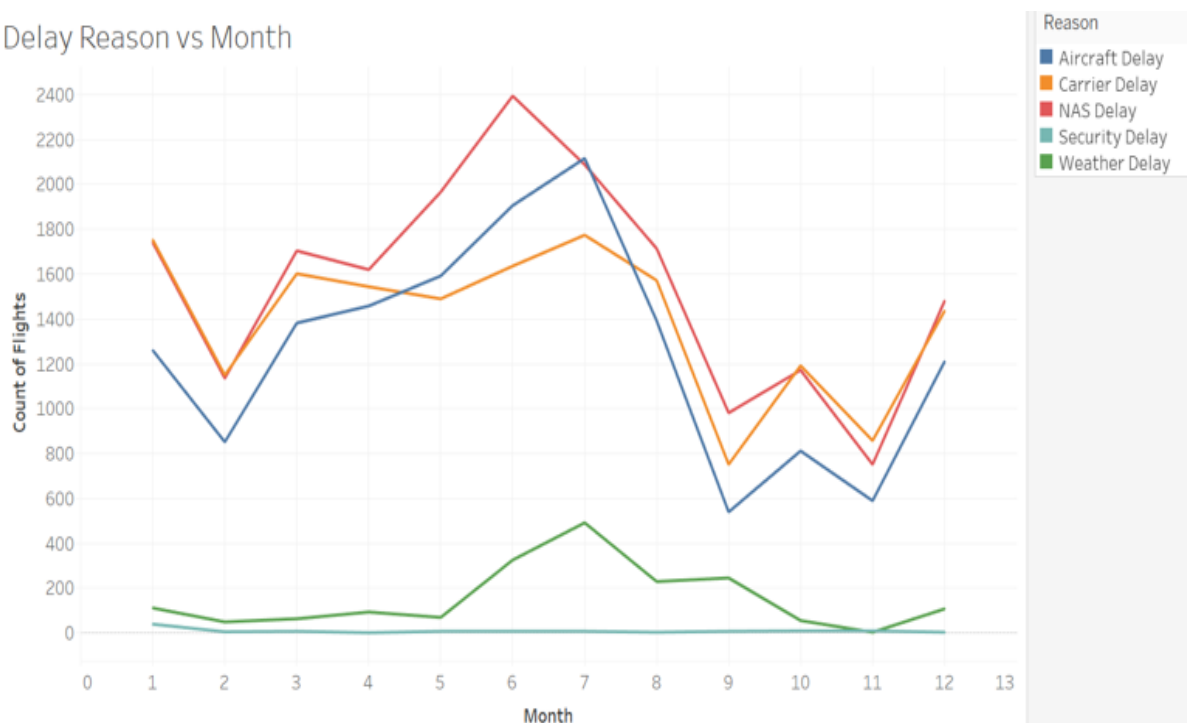
Acceptance Testing UAT Execution & Report Submission

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|---------------|---|
| Date | 07 November 2022 |
| Team ID | PNT2022TMID30798 |
| Project Name | Project – Developing a Flight Delay Prediction Using Machine Learning |
| 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 Developing a Flight Delay Prediction Using Machine Learning project at the time of the release to User Acceptance Testing (UAT). By looking at this visualization, it is clear that the NAS delay is the major cause of delays for almost the whole year. Aircraft delay and carrier delay are comparable to each other and close to NAS delay and alternatively bags the second position depending on the month. Weather delay is too less as compared to other three while Security delay is almost zero over the whole year.

Delay Reason vs Month



2. DEFECT ANALYSIS

This report shows the number of resolved or closed bugs at each severity level, and how they were resolved and predicating the user acceptance testing for performing their severity modulo that are fixed alternatively.

| Resolution | Severity 1 | Severity 2 | Severity 3 | Severity 4 | Subtotal |
|----------------|------------|------------|------------|------------|----------|
| By Design | 10 | 4 | 2 | 3 | 20 |
| Duplicate | 1 | 0 | 3 | 0 | 4 |
| External | 2 | 3 | 0 | 1 | 6 |
| Fixed | 11 | 6 | 4 | 20 | 37 |
| Not Reproduced | 0 | 1 | 1 | 0 | 1 |
| Skipped | 1 | 0 | 1 | 1 | 2 |
| Won't Fix | 0 | 0 | 2 | 1 | 8 |
| Totals | 25 | 14 | 13 | 26 | 77 |

3. TESTCASE ANALYSIS

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

| Section | Total Cases | Not Tested | Fail | Pass |
|--------------------|-------------|------------|------|------|
| Print Engine | 7 | 0 | 0 | 7 |
| Client Application | 51 | 0 | 0 | 51 |
| Security | 2 | 0 | 0 | 2 |
| Outsource Shipping | 3 | 0 | 0 | 3 |

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|---------------------|---|---|---|---|
| Exception Reporting | 9 | 0 | 0 | 9 |
| Final Report Output | 4 | 0 | 0 | 4 |
| Version Control | 2 | 0 | 0 | 2 |

