

**Acceptance Testing
UAT Execution & Report Submission**

Date	19/11/22
Team ID	PNT2022TMID35819
Project Name	Emerging methods for early detection of forest fires
Maximum Marks	4 Marks

1.Purpose of Document:

The purpose of this document is to briefly explain the working of the system for test coverage and open issues of the project at the time of the release to User Acceptance Testing (UAT).

2.Test scenarios and functions:

- Verify the user is able to understand the working of the model.
- Verify the user can upload the test Video which should be analysed for live detection of forest fire.
- Verify the system has maximum accuracy in determining more correct prediction with high probability.
- Verify the output and if fire detected make sure the alert messages are sent to the registered recipients.
- Make the system and model it to be available for more number of users and upgrade it to alarm more people in the vulnerable areas of fire.

3.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	12	1	2	5	20
Duplicate	1	2	0	1	4

External	3	1	0	1	5
Fixed	6	1	2	3	12
Not Reproduced	1	1	0	1	3
Skipped	0	1	2	2	5
Won't Fix	0	0	3	0	3
Totals	23	7	9	13	52

4. Test Case Analysis:

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

Section	Total Cases	Not Tested	Fail	Pass
Detection model	4	0	1	3
Client Application(Sending alert messages)	5	0	0	5
Miscellaneous conditions(Images similar to fire)	1	0	1	0
Exception Reporting	0	0	0	0
Final Report Output	10	0	0	8