

Acceptance Testing UAT Execution & Report Submission

Date	20 February 2026
Team ID	LTVIP2026TMIDS62229
Project Name	Exploratory Analysis of Rain Fall Data in India for Agriculture
Maximum Marks	4 Marks

1. Purpose of Document

The purpose of this document is to briefly explain the test coverage, defect status, and open issues of the **Rainfall Prediction System** project at the time of release to **User Acceptance Testing (UAT)**.

The document summarizes:

- Functional test execution results
- Defect analysis by severity
- Test case pass/fail statistics
- System readiness for UAT

2. Defect Analysis

Section	Total Cases	Not Tested	Fail	Pass
Data Preprocessing Module	8	0	0	8
Machine Learning Model	12	0	0	12
Flask Web Application	15	0	0	15
Input Validation & Error Handling	6	0	0	6
Deployment & Model Integration	4	0	0	4
Total	45	0	0	45

3. Test Case Analysis

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

Resolution	Severity 1	Severity 2	Severity 3	Severity 4	Subtotal
By Design	0	1	1	0	2
Duplicate	0	0	1	0	1
External (Library/Dependency Issue)	1	0	0	0	1
Fixed	2	3	4	3	12
Not Reproduced	0	0	1	0	1
Skipped	0	0	0	1	1
Won't Fix	0	0	1	0	1