

Acceptance Testing (UAT).

UAT Execution & Report Submission

Date	20 January 2026
Team ID	LTVIP2026TMIDS76912
Project Name	HematoVision: Advanced Blood Cell Classification Using Transfer Learning
Maximum Marks	2 Marks

1. Purpose of Document

The purpose of this document is to summarize the test coverage, defect status, and open issues of the **HematoVision: Advanced Blood Cell Classification Using Transfer Learning** project at the time of release to **User Acceptance Testing (UAT)**.

It provides an overview of defect resolution by severity level and the execution status of test cases across all major functional modules of the HematoVision system.

2. Defect Analysis

This report shows the number of resolved or closed defects identified during testing of the HematoVision application and how they were resolved across severity levels.

Resolution	Severity 1	Severity 2	Severity 3	Severity 4	Subtotal
By Design	2	1	0	0	3
Duplicate	0	1	1	0	2
External	1	0	0	0	1
Fixed	6	4	3	2	15
Not Reproduced	0	1	0	0	1
Skipped	0	0	1	0	1
Won't Fix	0	1	1	0	2
Totals	9	8	6	2	25

Severity Definition

- Severity 1 – Critical (system crash, model failure)
- Severity 2 – Major (incorrect prediction, upload failure)
- Severity 3 – Minor (UI issues, formatting)
- Severity 4 – Trivial (text/visual alignment)

3. Test Case Analysis

This report shows the number of test cases executed for each HematoVision module and their status.

Section	Total Cases	Not Tested	Fail	Pass
Image Upload & Validation	12	0	1	11
Flask API & Integration	10	0	1	9
CNN Model Prediction	15	0	2	13
Dataset Handling	6	0	0	6
Results Display UI	8	0	1	7
Error Handling & Logging	5	0	0	5
Total	56	0	5	51