

## 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
<b>Totals</b>	<b>9</b>	<b>8</b>	<b>6</b>	<b>2</b>	<b>25</b>

#### 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
<b>Total</b>	<b>56</b>	<b>0</b>	<b>5</b>	<b>51</b>