Date	11 February 2025
Team ID	LTVIP2026TMIDS53438
Project Name	Dog Breed identification using transfer Learning
Maximum Marks	

1. Purpose of Document

The purpose of this document is to explain the test coverage and open issues of the **Dog Breed Identification Using Transfer Learning** project at the time of release for User Acceptance Testing (UAT).

The application was tested to ensure:

- Proper image upload functionality
- Correct model prediction
- Smooth frontend-backend integration
- Accurate breed classification
- Error handling for invalid inputs

The system is verified to meet functional requirements before final deployment.

2. Defect Analysis

This report shows the number of resolved or closed bugs at each severity level and how they were resolved.

Resolution	Severity 1 (Critical)	Severity 2 (Major)	Severity 3 (Minor)	Severity 4 (Low)	Subtotal
By Design	1	1	0	1	3
Duplicate	0	0	1	0	1
External	0	1	0	0	1
Fixed	3	4	5	6	18
Not Reproduced	0	0	1	0	1
Skipped	0	0	1	1	2
Won't Fix	0	1	1	0	2
Totals	**4**	**7**	**9**	**8**	**28**

- Severity 1 – Critical (System crash, model not loading)
- Severity 2 – Major (Prediction error, upload failure)
- Severity 3 – Minor (UI misalignment, small display issues)
- Severity 4 – Low (Cosmetic issues)

All critical and major issues were fixed before UAT release.

3. Test Case Analysis

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

Section	Total Cases	Not Tested	Fail	Pass
Image Upload Module	8	0	0	8
Model Prediction Module	12	0	1	11
Flask Backend Integration	6	0	0	6
Frontend UI	5	0	0	5
Security & Input Validation	4	0	0	4
Total	**35**	**0**	**1**	**34**

UAT Status:

All major functionalities were successfully validated.
The application is approved for deployment and final submission.