

User Acceptance Testing (UAT) Template

Date	19 Feb 2026
Team ID	LTVIP2026TMIDS52481
Project Name	Dog Breed Identification Using Transfer Learning
Maximum Marks	4 marks

Project Overview:

Project Name: Dog Breed Identification Using Transfer Learning

Project Description: This project uses deep learning and transfer learning (MobileNetV2) to automatically classify dog breeds from uploaded images through a web-based Flask application. The system provides fast, accurate, and user-friendly breed prediction to support pet care, veterinary assistance, and animal rescue services.

Project Version: 1.0

Testing Period: 10-Feb-2026 to 14-Feb-2026

Testing Scope:

- ☒ Image upload and preprocessing
- ☒ Dog breed prediction using trained MobileNetV2 model
- ☒ Display of prediction results on web interface
- ☒ Backend API integration and response handling

Testing Environment:

- ☒ Application Location: Local Flask server / deployed web URL
- ☒ Credentials: Not required (public prediction interface)

Test Cases:

TC ID	Test Scenario	Steps	Expected Result	Actual Result	Status
TC-001	Upload Dog Image	Open app → Select image → Click predict	Image uploads successfully	Upload successful	Pass
TC-002	Breed Prediction	Upload valid dog image	Correct breed displayed	Breed predicted correctly	Pass
TC-003	Invalid File Handling	Upload non-dog/invalid file	Error message shown	Validation message displayed	Pass
TC-004	Performance Check	Upload multiple images	Fast stable prediction	Smooth response	Pass

Bug Tracking:

Bug ID	Bug Description	Severity	Status	Additional feedback
BG-001	Minor UI alignment on small screen	Low	closed	Responsive layout fixed

Sign-off:

Tester Name: Ram Sai Kumar K

Venu Madhav B

Date: 19 february 2026

Signature: Ram Sai Kumar K

Venu Madhav B

Notes:

- Ensure that all test cases cover both positive and negative scenarios.
- Encourage testers to provide detailed feedback, including any suggestions for improvement.
- Bug tracking should include details such as severity, status, and steps to reproduce.
- Obtain sign-off from both the project manager and product owner before proceeding with deployment.