

User Acceptance Testing (UAT) Template

Date	JUNE 19 2025
Team ID	LTVIP2025TMID34173
Project Name	Transforming Waste Management With Transfer Learning
Maximum Marks	

Project Overview:

Project Name: Transforming Waste Management With Transfer Learning

Project Description: This project leverages transfer learning techniques to optimize and automate waste classification, sorting, and management processes, improving efficiency and reducing human error in waste handling.

Project Version: v2.0

Testing Period: june 19 2025 – july 19 2025

Testing Scope:

- **Features and Functionalities to be Tested:**
 - Waste image classification module
 - Model retraining with new data
 - Real-time waste categorization accuracy
 - Admin dashboard usability
 - Error logging and reporting
- **User Stories / Requirements to be Tested:**
 - As a waste collector, I want to upload images for classification
 - As an admin, I want to monitor model performance
 - As a city planner, I want analytics for improving waste routes

Testing Environment:

URL/Location: [Web URL or Application Location]

Credentials (if required): [Username/Password]

Test Cases:

Test Case ID	Test Scenario	Test Steps	Expected Result	Actual Result	Pass/Fail
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TC-001	Image classification accuracy	Step 1: Upload image of plastic bottle			
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Bug Tracking:

Bug ID	Bug Description	Steps to reproduce	Severity	Status	Additional feedback
BG-001	Classification model crashes as glass images	1. Upload glass images 2. Click "Classify" 3. App crashes High Open Consider adding fallback model	[Low/Medium/High]	[Open/In Progress/Closed]	[Any additional comments or feedback]
...

Sign-off:

Tester Name: [Name of Tester]

Date: [Date of Test Completion]

Signature: [Tester's Signature]

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.