**User Acceptance Testing (UAT) Template**

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| Date | 25 June 2025 |
| Team ID | LTVIP2025TMID38185 |
| Project Name | Grainpalette - A Deep Learning Odyssey  In Rice Type Classification Through |

**Project Overview:**

Project Name: Grainpalette - A Deep Learning Odyssey

In Rice Type Classification Through

Project Description: Grainpalette is an AI-powered tool that uses deep learning to classify different types of rice grains through image recognition. Users can upload or capture grain images, and the model identifies the rice type quickly and accurately. It helps farmers, traders, and researchers by reducing manual errors, saving time, and improving grain quality assessment. The solution is scalable and designed to support future expansion to other grains.

Testing Period: 25 June 2025 to 26 June 2025

**Test Cases:**

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| --- | --- | --- | --- | --- | --- |
| **Test Case ID** | **Test Scenario** | **Test Steps** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| TC-001 | Upload image and classify rice type | [1] Login to the platform  [2] Upload a rice grain image  [3] Click "Classify” | The system should return the correct rice type with confidence score | Rice type returned with 95% confidence | Pass |

**Bug Tracking:**

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| --- | --- | --- | --- | --- | --- |
| **Bug ID** | **Bug Description** | **Steps to reproduce** | **Severity** | **Status** | **Additional feedback** |
| BG-001 | Classification not triggered on some images | [1] Upload low-resolution rice image  [2] Click "Classify"  [3] No output shown | Medium | In Progress | Needs better handling for image quality |

**Sign-off:**

Tester Name: Chelimala Hemanth,Marramreddy Lakshmi Prasanna & Mudireddy Swetha

Date: 25 June 2025

**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.