**User Acceptance Testing (UAT) Template**

|  |  |
| --- | --- |
| Date | 27-06-2025 |
| Team ID | LTVIP2025TMID59407 |
| Project Name | Enchanted Wings: Marvels of Butterfly Species |
| Maximum Marks |  |

**Project Overview:**

Project Name: Enchanted Wings: Marvels of Butterfly Species

Project Description: Butterfly image classification using transfer learning (VGG16) deployed via Flask web app.

Project Version: 1.0

Testing Period: 24-06-2025 to 27-06-2025

**Testing Scope:**

* Image classification functionality
* File upload feature
* Output display
* Model accuracy
* UI responsiveness

**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** |
| **TC-001** | **Upload valid butterfly image** | **Upload .jpg image, click submit** | **Correct species name is displayed** | **[Result]** | **[✔/✘]** |
| **TC-002** | **Upload unsupported file type** | **Upload .txt file, click submit** | **Error message shown** | **[Result]** | **[✔/✘]** |
| **TC-003** | **No file uploaded** | **Click submit without uploading** | **Prompt to upload image** | **[Result]** | **[✔/✘]** |
| **TC-004** | **Fast prediction time** | **Upload .jpg image** | **Result shown in < 3 sec** | **[Result]** | **[✔/✘]** |

**Bug Tracking:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Bug ID | Bug Description | Steps to Reproduce | Severity | Status | Additional Feedback |
| BG-001 | Incorrect species prediction | Upload known image, prediction is incorrect | High | Open | Needs retraining on class |
| BG-002 | UI not responsive on mobile | Open input page on phone | Medium | In Progress | Use Bootstrap Grid |

**Sign-off:**

Tester Name: Anand

Date: 27-06-2025

**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.