**User Acceptance Testing (UAT) Template**

|  |  |
| --- | --- |
| Date | 27 June 2025 |
| Team ID | **LTVIP2025TMID35735** |
| Project Name | **Revolutionizing Liver Care : Predicting Liver Cirrhosis using Advanced Machine Learning Techniques** |
| Maximum Marks |  |

**Project Overview:**

Project Name: **Revolutionizing Liver Care : Predicting Liver Cirrhosis using Advanced Machine Learning Techniques**

Project Description: Liver cirrhosis is a progressive and potentially fatal condition characterized by irreversible liver damage. Early diagnosis is crucial for improving treatment outcomes and reducing mortality, yet traditional diagnostic methods are often expensive, invasive (e.g., biopsies), and not always accessible—especially in low-resource settings. Moreover, interpreting complex clinical data manually is time-consuming and subject to human error.

Project Version: 2025

Testing Period: 14 June 2025-27 June 2025

**Testing Scope:**

[List of Features and Functionalities to be Tested]

[List of User Stories or Requirements to be Tested]

**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 | [Describe the scenario to be tested] | [Step 1]  [Step 2]  [Step 3] | [Describe the expected outcome] | [Record the actual outcome] | [Pass/Fail] |
| ... | ... | ... | ... | ... | ... |

**Bug Tracking:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Bug ID** | **Bug Description** | **Steps to reproduce** | **Severity** | **Status** | **Additional feedback** |
| BG-001 | [Describe the issue or bug encountered] | [Step 1]  [Step 2]  [Step 3] | [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.