**User Acceptance Testing (UAT) Template**

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| --- | --- |
| Date | 27 June 2025 |
| Team ID | LTVIP2025TMID30306 team id |
| Project Name | EduTutor AI: Personalized Learning with Generative AI and LMS Integration |
| Maximum Marks |  |

**Project Overview:**

Project Name: EduTutor AI: Personalized Learning with Generative AI and LMS Integration

Project Description: An AI-powered learning assistant that provides personalized educational content (videos, quizzes, explanations) based on user input like topic, grade level, and learning goal. Integrated with LMS systems like Moodle for seamless academic experience.

Project Version: v1.0

Testing Period: till 27th june

**Testing Scope:**

[List of Features and Functionalities to be Tested]

[List of User Stories or Requirements to be Tested]

**Testing Environment:**

URL/Location: https://apsreddy10-edututor-ai-learning-assistant.hf.space/

Credentials (if required): Not required (public access)

**Test Cases:**

| **Test Case ID** | **Test Scenario** | **Test Steps** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| --- | --- | --- | --- | --- | --- |
| TC-001 | Personalized Quiz Generation | 1. Enter topic "Photosynthesis"2. Grade Level: "6"3. Click Generate | A personalized quiz appears with multiple questions |  | ✅ Pass |
| TC-002 | LMS Integration | 1. Navigate to LMS2. Click Connect3. Select Moodle and Login | User is able to log in and view course dashboard | Successfully connected and courses were listed | ✅ Pass |
| TC-003 | Invalid Input Handling | 1. Leave all fields blank2. Click Generate | Error message prompting for valid input |  | ✅ Pass |
| TC-004 | Content Generation (Video/Explanation) | 1. Enter topic "Fractions"2. Grade Level: "5"3. Select "Video"4. Click Generate | AI generates an educational video explanation | Video explanation generated correctly | ✅ Pass |
| TC-005 | System Responsiveness | 1. Input data2. Measure time taken for content generation | Response received within 2-3 seconds |  | ✅ Pass |

**Bug Tracking:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Bug ID** | **Bug Description** | **Steps to reproduce** | **Severity** | **Status** | **Additional feedback** |
| BG-001 | |  | | --- | | Video load lag on Firefox |  |  | | --- | |  | | 1. Open app on Firefox 2. Generate video | Medium | In Progress | Works fine on Chrome and Edge |

**Sign-off:**

Tester Name: Amasa Poojasree

Date: 27th June 2025

Signature: A.poojasree

**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.