**User Acceptance Testing (UAT) Template**

|  |  |
| --- | --- |
| Date | 27 June 2025 |
| Team ID | LTVIP2025TMID59050 |
| Project Name | Learnhub: Your Center For Skill  Enhancement |
| Maximum Marks |  |

**Project Overview:**

Project Name: Learnhub: Your Center For Skill

Enhancement

Project Description:**LearnHub – E-Learning Platform**

**LearnHub** is a modern, cloud-enabled e-learning platform designed to enhance digital education by providing a centralized space for students, instructors, and administrators. It offers features such as course enrollment, video lectures, assignments, quizzes, progress tracking, and user management.

#### 🔧 Key Features:

* **User Roles**: Separate dashboards and functionalities for Students, Teachers, and Admins.
* **Course Management**: Teachers can create, update, and manage educational courses.
* **Authentication**: Secure login system using JWT (JSON Web Tokens).
* **Progress Tracking**: Students can track their learning progress and completed modules.
* **Responsive Design**: Built with React and Tailwind CSS for smooth and mobile-friendly UI.
* **Cloud Integration**: Uses MongoDB Atlas for cloud database and Node.js backend for scalable performance.

#### 🛠 Tech Stack:

* **Frontend**: React (with Vite), Tailwind CSS
* **Backend**: Node.js, Express.js
* **Database**: MongoDB (Atlas)
* **Authentication**: JWT
* **Others**: Nodemon, Mongoose, Dotenv, and more

#### 🎯 Goal:

To create an intuitive and efficient e-learning system that supports remote education, especially beneficial for students in rural or underdeveloped areas, making knowledge more accessible.

Project Version: [Version Number]

Testing Period: 21 june to 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.