

User Acceptance Testing (UAT) Template

Date	19 Feb 2026
Team ID	LTVIP2026TMIDS77323
Project Name	LearnHub
Maximum Marks	4 marks

Project Overview:

Project Name: LearnHub – Online Learning Platform

Project Description: LearnHub is a full-stack MERN-based online learning platform that enables students to enroll in courses, teachers to upload and manage content, and administrators to monitor system activity through dashboards and logs.

Project Version: v1.0.0

Testing Period: 15 February 2026 to 19 February 2026

Testing Scope:

Features Tested:

- User Registration & Login (JWT Authentication)
- Role-Based Access Control (Student/Teacher/Admin)
- Course Creation & Upload
- Student Enrollment System
- Video Content Streaming
- Course Payment Logging
- Admin Monitoring Dashboard
- Activity Logging System

User Stories Tested:

- As a student, I should be able to register and enroll in a course.
- As a teacher, I should be able to upload a new course.
- As an admin, I should be able to view all users and activity logs.
- As a student, I should be able to access enrolled course content.
- As an admin, I should be able to monitor payment logs.

Testing Environment

URL/Location: <http://localhost:5173> (Frontend)

Backend: <http://localhost:5000>

Credentials:

Admin

Username: admin@learnhub.com

Password: Admin@123

Student

Username: student1@learnhub.com

Password: Student@123

Teacher

Username: teacher1@learnhub.com

Password: Teacher@123

Browser Used: Google Chrome (Latest Version)

Database: MongoDB Local Instance

Test Cases:

Test Case ID	Test Scenario	Test Steps	Expected Result	Actual Result	Pass/Fail
TC-001	User Registration	1. Open register page 2. Enter valid details 3. Click Register	User account created successfully	Account created and stored in MongoDB	Pass
TC-002	Login with Valid Credentials	1. Enter email & password 2. Click login	JWT token generated & user redirected to dashboard	Login successful & dashboard loaded	Pass
TC-003	Role-Based Access	1. Login as Student 2. Try accessing admin route	Access denied	Access blocked with 403 error	Pass
TC-004	Teacher Add Course	1. Login as Teacher 2. Upload course & video 3. Submit	Course saved in DB & visible to students	Course visible under All Courses	Pass
TC-005	Student	1. Login as Student	Course added to	Enrolled course	Pass

	Enrollment	2. Click Enroll	enrolled list	visible in dashboard	
TC-006	Video Streaming	1. Open enrolled course 2. Play video	Video loads and plays smoothly	Video streamed without buffering	Pass
TC-007	Admin Dashboard Monitoring	1. Login as Admin 2. Open dashboard	User logs & analytics visible	Logs displayed correctly	Pass
TC-008	Invalid Login	1. Enter wrong password 2. Click login	Error message displayed	"Invalid Credentials" shown	Pass

Bug Tracking:

Bug ID	Bug Description	Steps to Reproduce	Severity	Status	Additional Feedback
BG-001	Minor UI alignment issue on mobile view	1. Open site on small screen 2. Navigate to dashboard	Low	Closed	Fixed using CSS responsive adjustment
BG-002	Course video preview delay	1. Upload large video file 2. Try preview immediately	Medium	Closed	Optimized upload handling
BG-003	Session timeout not clearly indicated	1. Stay idle 30 mins 2. Try performing action	Low	In Progress	Suggest adding session expiry alert

Sign-off:

Tester Name: SOMAPURAM UDAY

Date: 19-02-2026

Signature: UDAY.S

Notes:

- All positive and negative scenarios were tested.
- Role-based authentication verified successfully.
- REST APIs tested using frontend integration and manual validation.
- No critical or high-severity bugs found.
- System ready for academic evaluation and demonstration deployment.