

User Acceptance Testing (UAT) Template

Field	Details
Date	21 February 2026
Team ID	LTVIP2026TMIDS47806
Project Name	LearnHub: Your Center for Skill Enhancement
Individual Member	C. Karthik
Maximum Marks	4 Marks

Project Overview

Project Name: OLP – Online Learning Platform

Project Description: A MERN stack web application enabling students to discover, enroll in, and complete courses; teachers to manage course content; and admins to oversee platform activity.

Project Version: v1.0

Testing Period: 02 February 2026 to 20 February 2026

Developer: C. Karthik

Testing Scope

Features tested: User Registration, Login (JWT), Student Dashboard, Course Search/Filter, Course Enrollment (free & paid), Course Progress & Resume, Certificate Download, Teacher Course & Section Management, Admin User Management, Admin Course Management, Admin Enrollment Tracking.

Testing Environment

Frontend URL: <http://localhost:5172>

Backend URL: <http://localhost:5000>

Database: MongoDB (local instance)

Test Cases

TC ID	Test Scenario	Test Steps	Expected Result	Actual Result	Pass/Fail
TC-001	Student Registration	1. Open /register 2. Fill name, email, password, role=student 3. Submit	Account created; redirected to dashboard	Account created successfully	Pass

TC-002	Student Login	1. Open /login 2. Enter email & password 3. Submit	JWT issued; student dashboard loads	Dashboard loaded correctly	Pass
TC-003	Course Search & Filter	1. Login as student 2. Enter keyword in search 3. Select category filter	Matching courses displayed	Correct courses shown	Pass
TC-004	Free Course Enrollment	1. Select a free course 2. Click Enroll 3. Confirm enrollment	Student enrolled; course accessible	Enrolled status saved correctly	Pass
TC-005	Paid Course Purchase	1. Select paid course 2. Complete purchase flow 3. Check access	Course accessible after payment	Access granted after purchase	Pass
TC-006	Resume Course	1. Start a course 2. Stop mid-section 3. Re-open course	Course resumes from last checkpoint	Resumed correctly	Pass
TC-007	Certificate Download	1. Complete all sections of a course 2. Click Download Certificate	Certificate PDF downloads	Certificate available on completion	Pass
TC-008	Teacher: Add Course	1. Login as teacher 2. Fill course form 3. Submit	Course appears in student listing	Course published correctly	Pass
TC-009	Teacher: Add Section	1. Open existing course 2. Add section content 3. Save	Section visible in course detail	Section saved and displayed	Pass
TC-010	Teacher: Delete Course	1. Open course with 0 enrollments 2. Click Delete 3. Confirm	Course removed from platform	Course deleted successfully	Pass
TC-011	Admin: View All Users	1. Login as admin 2. Navigate to Users panel	All users listed with roles	Users displayed correctly	Pass
TC-012	Admin: Edit Course	1. Admin opens any course 2. Edits title/description 3. Saves	Changes reflected immediately	Course updated correctly	Pass
TC-013	Admin: Enrollment Records	1. Admin navigates to enrollment panel 2. Views course enrollments	Enrolled students listed per course	Enrollment records accurate	Pass

Bug Tracking

Bug ID	Bug Description	Steps to Reproduce	Severity	Status	Notes
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BUG-01	Teacher can attempt to delete course with enrolled students	1. Enroll a student 2. Login as teacher 3. Try to delete course	Medium	Fixed	Added enrollment check before delete
BUG-02	Certificate not generated on partial completion	1. Complete 90% of course 2. Click Download Certificate	Low	Fixed	Completion check set to 100%

UAT Summary

Metric	Value
Total Test Cases	13
Passed	13
Failed	0
Pass Rate	100%
Bugs Found	2 (both Fixed)
UAT Outcome	APPROVED