

User Acceptance Testing (UAT)

Date	26 June 2025
Team ID	LTVIP2025TMID20425
Project Name	LearnHub: Your Center for Skill Enhancement
Mentor Name	Dr Shaik Salma Begam
Maximum Marks	10 Marks

Project Overview

- **Project Name:** LearnHub: Your Center for Skill Enhancement
- **Project Description:** LearnHub is a MERN stack-based e-learning platform where users (students, instructors, and admins) can register, browse courses, enroll, complete lessons, and receive certificates. Admins manage users and course content.
- **Project Version:** 1.0
- **Testing Period:** 25 June to 26 June

Testing Scope

Features and Functionalities to be Tested:

- User registration and login
- Course browsing and search
- Enrollment and course access
- Lesson completion tracking
- Certificate generation
- Instructor/Admin course management

User Stories/Requirements to be Tested:

- **USN-1:** User registration
 - **USN-2:** Registration confirmation
 - **USN-3:** User login
 - **USN-4:** Course browsing/search
 - **USN-5:** Course enrollment and progress tracking
 - **USN-6:** Instructor/Admin course management and certificate control
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Testing Environment

- **URL/Location:** [http://localhost:3000 or deployed URL]
- **Credentials (if required):**
 - **Student:** saraht@gmail.com / StudentPass1
 - **Instructor:** Yayasri@gmail.com / InstructorPass1
 - **Admin:** admin@gmail.com / AdminPass1

Test Cases

Test Case ID	Test Scenario	Test Steps	Expected Result	Actual Result	Pass/Fail
TC-001	User Registration	1. Go to Register page 2. Enter details 3. Submit	User account is created, confirmation message shown	User account created successfully, confirmation message shown	Pass
TC-002	User Login	1. Go to Login page 2. Enter credentials 3. Submit	User is logged in and redirected to dashboard	Login failed due to incorrect password, no redirection	Fail
TC-003	Course Browsing & Search	1. Go to Home 2. Use search/filter	Relevant courses are displayed	Some unrelated courses shown in results	Fail
TC-004	Course Enrollment	1. Click on a course 2. Click "Enroll" 3. Check access to content	User is enrolled and can view full course content	Enrolled successfully, course content unlocked	Pass
TC-005	Lesson Completion Tracking	1. Open enrolled course 2. Mark section complete	Section marked complete, progress bar updates	Section status updated correctly	Pass
TC-006	Certificate Generation	1. Complete all course sections 2. Click "Download Certificate"	Certificate is generated and downloadable	Certificate downloaded with correct name and course title	Pass
TC-007	Admin Course Management	1. Login as admin 2. Add/edit/delete course	Course list updates accordingly	Deletion not reflected until manual refresh	Fail

Bug Tracking

Bug ID	Bug Description	Steps to Reproduce	Severity	Status	Additional Feedback
BG-001	Login fails with valid credentials	1. Go to Login 2. Enter valid credentials 3. Submit	High	Open	Backend API returns 401 error even with correct credentials. Possibly token/hash issue
BG-002	Course list not updating	1. Admin deletes course 2. Navigate to course list	Medium	In Progress	UI shows deleted course until page is manually refreshed. React state issue suspected
BG-003	Incorrect search results	1. Search course "React" 2. Irrelevant results shown	Low	Open	Filtering logic may not be applying properly. Regex or fuzzy search config issue

Sign-off

Tester Name: Chandana Reshma

Date: 26 June 2025

Signature: Reshma