**User Acceptance Testing (UAT) Template**

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| --- | --- |
| Date | 26 June 2025 |
| Team ID | LTVIP2025TMID54785 |
| Project Name | LearnHub: Your Center For Skill Enhancement |
| Maximum Marks | 4 Marks |

* **Project Details**:

Project Name: LearnHub: Your Center for Skill Enhancement

Project Description: *LearnHub* is a web-based learning management platform that allows teachers to create structured, multimedia-rich courses and enables students to enroll, learn, and track progress. It supports role-based dashboards for Students and Teachers and includes authentication, progress tracking, and content management features.

Project Version: 1.0

Testing Period: 26 June 2025 to 27 June 2025

* **Testing Scope:**
* Features and Functionalities to be Tested
* User Registration (via form and Gmail)
* Secure Login with JWT authentication
* Role-Based Dashboards (Student, Teacher)
* Course Creation by Teacher
* Course Enrollment by Student
* Course Content Viewing and Progress Tracking
* Email Notification on Registration (if applicable)
* Access Control and Role Validation
* Backend API integration and data flow
* User Stories / Requirements to be Tested
* USN-1 to USN-5 from the Product Backlog
* Registration via form and Gmail login (OAuth)
* Login with role-based redirection
* Teacher can create and manage courses
* Student can enroll and track learning progress
* **Testing Environment:**
* URL/Location: <http://localhost:5173>
* Backend: <http://localhost:5000>

Example:

|  |  |  |
| --- | --- | --- |
| Role | Email | Password |
| Student | testuser@gmail.com | 123456 |
| Teacher | teacher1@gmail.com | 123456 |
| Admin\* | admin@gmail.com | admin123 |

**Test Cases**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case ID** | **Test Scenario** | **Test Steps** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| TC-001 | User Registration | 1. Open Register Form2. Enter email and password3. Submit | User account should be created and redirect to dashboard | User registered successfully | Pass |
| TC-002 | Admin assigns complaint to agent | 1. Admin logs in2. Views unassigned complaints3. Assigns to agent | Complaint status updates in agent dashboard | Complaint correctly assigned | Pass |
| TC-003 | Agent updates complaint status | 1. Agent logs in2. Views assigned complaint3. Changes status | Status updated for customer view | Customer sees updated status | Pass |
| TC-004 | Invalid login | 1. Go to login2. Enter wrong credentials3. Submit | Login should fail with error message | Error message shown | Pass |
| TC-005 | Complaint Tracking | 1. Customer logs in2. Clicks "View Complaints" | Complaint list should appear | Complaint history displayed | Pass |

**Bug Tracking**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Bug ID** | **Bug Description** | **Steps to Reproduce** | **Severity** | **Status** | **Additional Feedback** |
| BG-001 | OTP Email not received on registration | 1. Fill registration form2. Submit3. No email received | Medium | Open | Check email service configuration or SMTP logs |
| BG-002 | Gmail login error | 1. Click "Login with Gmail"2. Redirects with error message | High | In Progress | Validate Google OAuth credentials and callback URL |
| BG-003 | Admin dashboard slow to load | 1. Login as Admin2. Navigate to dashboard | Low | Closed | Fixed with optimized API response |

**Sign-Off:**

* **Tester Name**: Meghana
* **Date**: 30 June 2025
* **Signature:** Meghana

### Notes

### All test cases covered positive and negative scenarios.

### Bugs logged with steps, severity, and current status.

### Project is ready for deployment, pending final sign-off from the project manager and product owner.