Problem Statement

All-in-One LMS, Workshop & Intern Management Dashboard

Background

Educational institutes and training organizations manage students, trainers, courses, workshops, and interns using multiple disconnected tools. This leads to inefficiencies in tracking learning progress, trainer responsibilities, course completion, workshop outcomes, and intern projects.

There is a need for a **centralized platform** that consolidates **student LMS, trainer evaluations, workshops, and intern management** into one interface, giving administrators, trainers, mentors, and interns clear visibility of all activities.

Problem Description

The organization requires an **all-in-one dashboard system** that:

- Maps students, interns, and trainers/mentors to their respective courses or projects

- Tracks student attendance, assignments, quizzes, projects, and evaluation

- Automates course completion certification

- Manages workshop scheduling, participation, and feedback

- Tracks interns, their assigned mentors, and ongoing projects/tasks

Currently, no unified system provides:

- Real-time tracking of students, interns, and workshops

- Automated evaluation and certification

- Consolidated insights into mentor-mentee or trainer-student assignments

Objectives

The primary objectives are:

- Provide **role-based interfaces** for students, interns, trainers, and administrators

- Track **course enrollment, student progress, and mentor-mentee mapping**

- Monitor **student and intern activities, assignments, and projects**

- Manage **workshops with participants, trainers, and feedback**

- Automate **certification for courses and projects**

- Provide administrators with a **dashboard overview of interns and their mentors**

Scope of the System

1. Trainer & Student Mapping

- Display trainers and their assigned students

- Show courses each student is enrolled in

- Maintain consolidated progress dashboards

2. Student LMS Interface

Students can access:

- Course resources

- Assignments, quizzes, and project tasks

- Track progress for each activity

3. Intern Management Interface

Interns can:

- Access their assigned projects/tasks

- Track deadlines and progress

- View their mentor/manager assignments

Administrators can:

- See total number of interns

- Know which mentor is assigned to each intern

- Track ongoing tasks and project status

4. Trainer/Mentor Interface

Trainers/Mentors can:

- View assigned students or interns

- Track submissions, assignments, quizzes, and projects

- Evaluate performance and provide feedback

- Monitor overall attendance and engagement

5. Attendance & Progress Tracking

- Record attendance for students and interns

- Track assignment, quiz, and project completion

- Provide consolidated reports per student, intern, or course

6. Evaluation & Certification

- Mark course/project completion after evaluation

- Generate certificates automatically using predefined templates

- Track course/project completion status

7. Workshop Management

- Maintain a monthly list of workshops with topics, dates, and duration

- Track student participation and trainer assignments

- Record attendance and feedback

- Provide consolidated reports for all workshops

Expected Outcomes

- Centralized dashboard for students, interns, trainers, and administrators

- Streamlined tracking of courses, workshops, and intern projects

- Improved transparency and reporting of performance and engagement

- Automated certificate generation for courses and project completion

- Reduced manual effort and better oversight of mentors and mentees

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Target Users

- Students

- Interns

- Trainers / Mentors

- Administrative staff

Conclusion

The **All-in-One LMS, Workshop & Intern Management Dashboard** unifies student learning, intern tracking, trainer evaluation, workshop management, and certification into a single

platform. By consolidating these activities, the system enhances operational efficiency, accountability, and overall learning and training outcomes.