Project Title: Learning Management System (LMS)

Project Description:

The **Learning Management System (LMS)** is an integrated platform designed to provide a seamless and interactive online learning experience for students, teachers, and administrators. It supports a wide range of educational activities, from content creation and distribution to assessment and analysis.

Key Features:

1. User Roles and Management:
- **Access Levels:** Assign different roles for students, teachers, and administrators, ensuring appropriate access and functionality for each user type.
- **User Profiles:** Customize profiles for each user to track achievements, completed courses, and other personal progress metrics.

2. Course Creation and Management:
- **Content Creation Tools:** Facilitate teachers in developing and managing course materials including text documents, slides, videos, and interactive content.
- **Course Organization:** Streamline the structuring of courses into modules and lessons for logical progression and ease of navigation.
- **Update Management:** Provide tools for easily updating courses, ensuring content remains relevant and up-to-date.

3. Content Delivery:
- **Structured Course Delivery:** Organize content delivery in modules and lessons, allowing for coherent, step-by-step learning paths.
- **Scheduling:** Offer any of the automatic and manual scheduling options for releasing course content, accommodating different teaching strategies.
- **Mobile Accessibility:** Enable access via mobile devices, allowing students to learn anytime, anywhere for greater flexibility.

4. Interactivity and Engagement:
- **Discussion Forums:** Encourage active participation and peer interaction through integrated discussion boards tailored to each course or topic.
- **Chat and Messaging Systems**: Include real-time chat and messaging features to support communication between students and teachers, and among peers.

5. Assessment and Analytics: [Optional]

- **Diverse Assessment Methods:** Provide various assessment tools such as quizzes, assignments, and peer reviews to evaluate student understanding effectively.
- **Gradebook:** Maintain a comprehensive gradebook that tracks and displays student performance across all assessments.
- **Analytics Dashboard:** Offer an analytics dashboard that furnishes insights into student progress, engagement levels, and potential areas needing improvement, driving data-informed teaching strategies.

Project Goals:

- To provide a flexible, accessible, and engaging learning environment.
- To enhance the efficiency and effectiveness of educational delivery and administration.
- To support a data-driven approach to education by providing actionable insights through analytics.

Target Users:

- Corporate/Technical training departments.
- Online training providers.

Some Instructions:

1. Every team should have one Team Leader.
2. You can use any development stack like MERN, Spring Boot, .NET MVC Core, Django etc.
3. Team Leader should create a GitHub private repository and assign others. Team Leader should distribute the taks and everyone of the team will push to that GitHub repository, we will check the commits of individuals.
4. You may use **Asana** or **Jira** for project management, Asana is much easier to use for managing this kind of small projects.