

Task Document: Learning Management System (LMS)

Project Overview: The Frontend Learning Management System (LMS) is a web-based application for managing and delivering online courses. The goal of this project is to create a user-friendly interface that allows users to sign up, enroll in courses, track progress, submit assignments, and interact with course content.

Project scope : The scope of the frontend learning management system (LMS) project includes the following features,

User Authentication:

- User sign-up, login, and logout functionality.
- Password reset functionality.
- User authentication and authorization for accessing different features.

Dashboard:

- Personalized dashboard for each user.
- Display of enrolled courses, progress, and upcoming assignments.
- Integration with backend APIs to retrieve and update user data.

Course Management:

- Admin interface for creating, editing, and deleting courses.
- Validation of input fields and handling of errors.
- Integration with backend APIs to perform CRUD operations on courses.

Enrollments:

- Course catalog page to display available courses.
- Enrollment functionality for users to enroll in courses.
- Updating user's enrolled courses data in the backend.

Course Content:

- User interface to display course content, including modules, videos, documents, quizzes, etc.
- Progress tracking to mark module progress as completed.
- Integration with backend APIs to retrieve and update user progress data.