

Background:

Micro Learning Management System (Micro-LMS) is one of the software programs usually developed in universities. They share some common functions, specifically materials hosting and sharing, access control, and management.

Develop a video-based learning material system for students who can upload videos, view videos, and share the videos with others (guests assigned by the user or selected from society members - e.g., Chemistry society, Badminton society) by invitation. Leave comments for the video.

User Requirements:

The system should include 3 roles: Admin, Teacher, and Student.

Admin role feature:

- User management - List Users, manage/add users. Assign users with different roles.

Teacher role feature:

- Add/manage in society that they are managing
- Add users to society
- Review and leave comments for the video if they are invited and accept the invitation

Student role feature:

- Add/manage the video uploaded.
- Invites users/members from society to review
- Review and leave comments for the video if they are invited and accept the invitation

Technical Requirements

- Use Vue.js Typescript as a frontend framework, Node.js Typescript as a backend with MongoDB.
- Git the codes and add carsonks@gmail.com as a member for review

Remarks:

- Not necessary to complete all of them. The main purpose is not testing how fast your do coding or using AI to completely replace you to finish the project.
- Elaborate on your design
- Indicate how you use AI in this project.