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ONLINE LEARNING MANAGEMENT SYSTEM

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This project is a fully functional, stable and reliable online learning and management system (LMS), which uses the Django framework (a software design pattern that follows MVC (Model-View-Controller) and provides a series of tools and functions in Python Web framework) [1], MySQL (an open source relational database management system, which provides the ability to efficiently store and retrieve data, and supports multi-user, multi-threaded concurrent access, and is widely used in various Web applications and data-driven Application development) [2], Bootstrap (a popular front-end development framework that provides a set of tools and components for building modern, responsive and beautiful web pages and applications) [3].

Online learning management system is an open platform that provides users with course learning. It integrates learning resources from schools, training institutions, and individuals. Its beneficiaries can be either school students or social workers. Users can follow the instructions anytime and anywhere. Choose courses and study on this platform according to your own situation, which reduces users' learning costs and learning time. At the same time, teachers or hobbyists can use this platform to create and share learning resources in the form of personal podcasts or courses.

Online learning management system allows you:

- User registration and login functionality.
- Access to the admin website with various data access rights.
- Management of teachers and courses within the organization (if authenticated as an administrator).
- Course management, including adding, deleting, modifying, and reviewing courses, as well as editing chapters, sections, assignments, notices, and course descriptions (if authenticated as a teacher).
- Searching, filtering, bookmarking, and viewing institutions and courses.
- Learning activities such as studying, commenting, receiving message notifications, downloading course resources, and submitting assignments on course pages.

References

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