HANOI UNIVERSITY OF SCIENCE AND TECHNOLOGY

GRADUATION THESIS

Building a Learning Management System(LMS)

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Based on the initial results, although we have tried our best, there are still certain shortcomings and limitations. Therefore, we look forward to receiving comments and additions from teachers to optimize and perfect the topic.

I sincerely thank you!

PLEDGE

I am Le Van Thanh, student code 20194843, student of ICT class 03 K64. The instructor is Dr. Pham Huy Hoang. I hereby declare that all the content presented in the project, **"Learning Management System"** is the result of my research and study process. The results stated in the project are completely honest and accurately reflect actual results. All quoted information complies with intellectual property regulations; References are clearly listed. I take full responsibility for the content written in this project.

Ha Noi, June 28 2024

Student

ABSTRACT

In today's era of strong digitalization, building and developing an online learning system is becoming an important and necessary factor in the field of education and training. An online learning system, also known as an LMS system, not only brings convenience to learners but also creates flexible and effective learning opportunities for educational institutions and businesses.

The platform will have a user-friendly interface with advanced course management tools, allowing educators to create, manage and deliver content effectively. Users will benefit from course materials of their choice, personalized learning paths and real-time progress tracking. Users will be able to customize their searches based on the course catalog. This detailed search capability will significantly improve the course search experience, allowing users to quickly identify courses that suit their needs and budget.

On the other hand, for course providers, the website will provide functions to easily create course listings, with attractive images, descriptions and clearly displayed prices.

Through this project, we aim to contribute to the digital transformation of education by providing a comprehensive, efficient and adaptable LMS. This system has the potential to enhance the educational experience for both course providers and learners, paving the way for a more accessible and efficient online education ecosystem.

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