

Building a multiple-choice test program on a LAN for Thai Nguyen University of Industrial Technology.

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Abstract: In the context of increasingly developed education with the application of information technology, this topic focuses on building an online multiple-choice test system on a LAN at Thai Nguyen University of Technology. The goal is to create a technical solution that enhances the efficiency of assessment and exam management, while reducing operational costs compared to traditional methods. Through a combination of theoretical research and experimental deployment, the topic will provide the university with a complete automated system. The expected outcome of the topic is a significant improvement in the examination process, contributing to the enhancement of educational quality and academic management.

Keywords: Online multiple-choice testing, LAN network, Student assessment, Information technology, Exam management