

Building a system for predicting academic performance and providing intelligent academic advising for students at the University of Information and Communication Technology – Thai Nguyen University.

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Abstract: This topic aims to solve the problem of improving educational quality by building a system for predicting academic performance and providing intelligent academic advising for students at the University of Information and Communication Technology (ICT) - Thai Nguyen University. The practical context requires an effective solution to support lecturers in managing and enhancing training quality. The research method is based on a combination of lifelong learning theory and information technology to implement an experimental application. The objective of the topic is to build a system capable of analyzing student learning data to predict academic performance trends and provide personalized advice to improve learning efficiency. Expected results from the topic include improving training quality and enhancing the student learning experience, while also contributing to research in the field of intelligent technology supporting education.

Keywords: Academic performance prediction system, intelligent academic advising, IT students, Thai Nguyen University, Information technology in education