

Building an e-learning system for the information technology department using semantic web technology

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Abstract: This topic aims to research and deploy an e-learning system based on semantic web technology, meeting the automated learning needs of students in the Faculty of Information Technology. The goal is to build an online platform that helps organize and distribute knowledge effectively. By applying semantic web theory to practice, the topic seeks to improve the learning experience while optimizing the content management process. The expected results will contribute significantly to the development of digital education.

Keywords: e-learning, semantic web, information technology, online systems, content management