

Building an attendance system for CNTTK21 students using modern facial recognition technology.

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Abstract: In the context of the increasing application of information technology in education, this topic focuses on building an automatic attendance system for students of the Faculty of Information Technology, Faculty of Engineering. The project aims to develop and deploy a system using facial recognition technology to ensure high accuracy in the attendance process, contributing to improving the efficiency of academic management. At the same time, the system aims to address the limitations of traditional attendance methods by adopting advanced facial recognition technology and providing an automated, efficient, and accurate student attendance solution. This study not only combines theoretical analysis with experimental verification but also emphasizes the testing and optimization of the system in practical applications. The final results are expected to bring significant improvements to campus management and student attendance records.

Keywords: Facial recognition, automatic attendance system, smart check-in