

Building an automatic attendance application using Face Recognition technology

Lai Phu Quang Huy

Abstract: In the context of increasing demands for efficient personnel management and information security, this topic focuses on building an automatic attendance system based on facial recognition. The objective of the research is to develop a new technical solution to enhance access control to workplaces while ensuring safety and convenience for users. The research method combines facial recognition theory with application deployment experiments. The expected results of this project include both specific contributions to the field of information technology (IT) and the provision of a practical solution for organizations needing to improve their personnel management systems.

Keywords: Automatic timekeeping, facial recognition, Face Recognition technology, human resource management, information security.