

Face Recognition Attendance System

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Abstract: *The Face Recognition Attendance System (FRAS) is an advanced biometric authentication technology that automates attendance tracking using facial recognition. Traditional attendance systems, such as manual sign-in sheets or RFID cards, are often inefficient and prone to errors. FRAS eliminates these inefficiencies by utilizing deep learning-based face detection and recognition algorithms to ensure accurate and secure attendance tracking. The system includes key components such as facial enrollment, real-time recognition, attendance logging, and security features to protect biometric data. It enhances accuracy, reduces administrative workload, and prevents fraudulent attendance practices like proxy attendance. This project aims to implement a robust, scalable, and secure face recognition attendance system suitable for educational institutions and corporate environments.*

Keywords: Face Recognition Attendance System