Fingerprint Attendance System using Arduino

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Abstract: *Fingerprint attendance system aims to automate the attendance procedure of an educational institution using biometric technology. This will save time wasted on calling out names and it gives a fool-proof method of attendance marking. A hand-held device is used to mark the attendance without the intervention of teacher. The device can be passed and students can mark attendance during the lecture time. Students would be made to place their finger over the sensor so as to mark their presence in the class. Therefore, this paper proposes an IOT based fingerprint attendance system considering time efficiency and user Satisfaction. Once the data has been inputted in machine, it will be directly recorded that the employee is coming Works or student is attending the class. The results of testing this system has a fingerprint identification accuracy, and the average time matching fingerprint sensor.*

Keywords: Biometric Attendance, Classroom Project, IOT based Project, Smart Attendance System

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