Student Fingerprint Attendance

by: Group 7

ABSTRACT

- Fingerprint is one of the most unique parts of the human body that distinguishes one person from others and is easily accessed. This uniqueness is supported by technology that can automatically identify or recognize a person called fingerprint sensor.

- Student biometric attendance increases the efficiency of the process of taking student attendance. This presents a simple and portable approach to student attendance in the form of an Internet of Things (IOT) based system.

STATEMENT OF THE PROBLEM

Aims to automate the attendance procedure of an educational institution using technology. This will save time wasted on calling out names and it gives a fool-proof method of attendance marking.

OBJECTIVE

- The concept of this project work fully enlightens the applications of modern technology, a major objective of this paper is to fully eliminate the attendance systems where use of paper works still exists and to provide highly secured system data records.

- For real time implementation of the system basically in schools, colleges

And once the system is installed it becomes very easy to operate it and then apply.

Scope and Limitation

- Our system can only CALL stored credentials on arduino board serve as data collector.

- Our system is limited on storing Student CREDENTIALS, this project is advisable only for ONE class/section.

SCALABILITY

- **The thing that we can add in the future to make our prototype better is by adding webserver and more functionality on STORING a LOT of STUDENT CREDENTIALS.**

Programming Knowledge

- On this project we only USED ARDUINO CODE LIBRARY and DO some IF else Method to call the enroll Student Credentials.

THANK YOU!

HAVE A NICE DAY EVERYONE