

ABSTRACT

PT Sukses Teknik is one of the companies that still implement attendance manually by using attendance paper that is printed on the attendance machine, where the attendance has drawbacks such as the potential to damage or the attendance paper and the printed results of attendance are messy so that the attendance becomes data inaccurate attendance. Therefore, a final research project was created to design an Arduino Uno-based fingerprint attendance system connected to NodeMCU as a sender of absence data to the MySQL database. This system registers one fingerprint as the fingerprint ID that is used to make attendance and the attendance data can be seen on a website that is connected to the database. In addition to employee data in the form of names and fingerprint IDs, the database is also equipped with additional data from required employees such as photos, employee identification numbers, divisions, and telephone numbers. With the design of this attendance system, it is hoped that it can minimize the use of paper and help simplify the attendance process carried out at PT Sukses Teknik.

Keywords : Attendance Fingerprint, Arduino Uno, Database