

ABSTRACT

THE APPLICATION OF BIOMETRIC IDENTIFICATION SYSTEM IN EMPLOYEE TIME ATTENDANCE RECORDING BASED ON FINGERPRINT

Actually human has unique thing which differs him/her with others. It improves an idea about making this unique one to become his/her identity. The identity system has been supported by the technology which automatically can identify someone. It uses the semiconductor technology which becomes smaller nowadays. This technology is called the biometric technology.

A biometric system is actually a pattern identification system which personally identifies by persuading the validity of physical characters and special actions which someone has. Logically, this system consists of 2 models. They are the registration model and the identification model. Nowadays, the most developed biometric technology is the fingerprint identification. Because of this fast development and also need of a lot of people about it, the fingerprint technology become familiar for the human and it can be compared with the old method (mechanic/bar code/magnetic/proximity).

In this Last Project, an application of biometric identification for the employee time attendance recording will be made. It takes an experiment in PT CENTRAL GEORGETTE NUSANTARA PRINTING using fingerprint. This is due to the fact that fingerprint is a unique part of the human body. Which is the fingerprint of someone is always different with other ones.

The fingerprint absence system can also be used for helping the administration process in a company. This use for daily absence notification that is very useful in Human and Resources Department (HRD) and the Finance Department. This is because this absence notification can give more information about the work condition of worker, which is the point for the company to pay them.

Keywords : unique, identification, fingerprint, attendance, employee, payroll