

## ABSTRACT

Presence system for employees include teachers at SMPN 1 Tanjunganom are using manual system. Each teacher must report their presence every day so it was noted that the teachers come on that day. However, the act of fraud can still be done if using such presence system. Teachers can manipulate data presence, from which previously was absent be present because of the lack of supervision from the boss. This causes the performance and discipline of teachers less than optimal. In addition, the manual presence system should be removed because there is a lot of flaws if they are still used.

The system is made by using Finger Print technology that can record the attendance of teachers and employees. The tool is active if there are user fingerprints. Then the results of scanning a fingerprint is sent to the server for authentication process and recording. An application using Visual Basic.NET can help to report attendance and the return of teachers and employees every day.

This system can read fingerprints with a 100% accuracy rate. Currently fingerprint enrollment, any teacher or employee can register their finger more than one. So if any one of the injured finger, they can use the other finger. The system can record the attendance of teachers and employees every day to effectively and efficiently.

Keywords: Presence System, Finger Print, Visual Basic .NET