

ABSTRACT

District Tulungagung is a government agency employee that attendance system still running it manually. The problems that occur are in terms of effectiveness, efficiency and process time of roll call. Attendance report form which is currently still in the form of writing that can complicate the search process the data, and the possibility of missing attendance data. Alongside with it, Implementation of RFID technology is constantly evolving. One of its implementation is to record employee presence in an organization. Many organizations use information technology to support their operational work, including government organization or agencies. Business world has prompted the need for provision of an identification card, which can also act as a front-end to access all the technological facilities throughout organization.

With the reasons, the authors provide alternative solutions to the problem by creating a presence system application that will record employee attendance, arrival time, time to go home, which will be made in a systematic and computerized. In addition, the system also aims to improve the effectiveness and efficiency of recording time in the presence of employees Local Government (LG) District Tulungagung.

This system has been designed to provide convenience in terms of the process of presence and reporting processes, especially in the civil service as soon as possible so it can take the appropriate steps in to guide the employee in violation of order and discipline. The test results showed that the presence of this system has a high degree of accuracy in the reading of RFID tags at 100%, the reading distance with average speed at 3.5 cm, and average times of reading at 0.206 seconds.

Keywords : Absence, Attendance Information Systems, RFID