

ABSTRACT

Student record-keeping attendance is one of important matter for lecturing system. During this time, STT TELKOM use manual student record-keeping attendance system. Data of student attendance will be used as condition of a student to be able to follow the UTS (Middle Test Semester) and UAS (Final Test Semester). Besides, data of student attendance is also used as a student achievement comparator. Manual record-keeping attendance is attendance record-keeping using sheet to be filled by a student at the time of following lecturing.

There are a lot of weaknesses in manual record-keeping attendance for example student can manipulate attendance data thus people who process that data will be difficult to determine whether the student is really attend in lecturing or not. Besides, it also difficult to determine a student that will follow a certain test is really have 70% attendance. It also difficult to the parents to checked their son's or daughter's attendance. Thus a computerized student record keeping attendance application is needed to handle those problems.

In this Final Project Student Record-Keeping Attendance Application using student fingerprint has been developed. This application is made to lessen even eliminate the existence of attendance data manipulation by student. It is because fingerprint is one of unique part in human being, one student fingerprint will be differ from the other student fingerprint. Student Record-Keeping Attendance Application using student fingerprint can improve accuracy data student attendance because fingerprint student can't represent by other student.

Keywords : *Record-Keeping Attendance, fingerprint, client, server*