ABSTRACT

PROTOTYPE APPLICATION ACADEMIC INDONESIA COMPUTER UNIVERSITY (UNIKOM) TECHNOLOGY-BASED RADIO FREQUENCY IDENTIFICATION (RFID)

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Indonesia Computer University is one of the university which has where ICT-based data processing is done by computing for processing such as processing of attendance and academic value.

In the absence of activities to fill lecture at the Indonesia Computer University (UNIKOM) is done conventionally by the presence of absence form signed by the relevant subjects at the lecture, each student will fill out his signature on a piece of paper as proof of attendance and then the form is given to the lecturer concerned

Radio Frequency Identification technology (RFID) technology is used to describe a system that transmits the identity / data (in the form of a unique serial number) of an object or person wirelessly (without cables) through radio waves. Grouped in RFID automatic identification technology. With RFID technology, students no longer need to fill out a form for student absences will be automatically identified to the system information.

Academic Applications of technology-based Prototype Radio Frequency Identification (RFID) at the Indonesia Computer University (UNIKOM) as a supporting medium-existing academic processes such as student attendance and attendance automation with this application allows to reduce data entry errors in student attendance.

Key words: system, absenteeism, rfid, unikom