

**ALAT PENCATAT DATA TAMU DAN PEMBERI SUVENIR
OTOMATIS PADA RESEPSI**

LAPORAN TUGAS AKHIR SISTEM KOMPUTER

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DATA RECORDING DEVICE AND AUTOMATIC SOUVENIR PROVIDER AT RECEPTION

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ABSTRACT

At this time, Information technology is widely used to facilitate, accelerate and streamline work. today many human roles are replaced by automatic tools and machines. Automation means a process can work alone without human assistance. In this case the automatic system can be applied at the reception event as a means of recording guest data to agree to write on guest books to be more efficient using RFID technology. RFID (*Radio Frequency Identification*) is a technology that connects flexibly, is easy to use, and is very suitable for automatic operations, because compiling an RFID chip across the area of the RFID reader, the chip will automatically be activated in the RFID chip sending data in it. In RFID systems Generally, tags or transponders are affixed to an object. Each tag can carry unique information, carried: serial number, model, color, place of acquisition, and other data from the object [4]. With this RFID label through the terrain produced by compatible RFID readers, the RFID label will transmit the information on the RFID label to the RFID reader, so that the process of getting the findings can be done.

Keyword : Automatic, RFID, Data Record, *Infrared*