

RANCANG BANGUN SISTEM PEMBAYARAN TIKET WISATA MENGUNAKAN SMART CARD BERBASIS RFID

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ABSTRACT

Today's technology has experienced very rapid development, several new technologies can help complete human work. With the design of a payment system using a smart card based on Radio Frequency Identifier (RFID) which has been linked to a web database as data storage, it is possible for one card to be used for transactions. The design of this tool uses the main component of RFID as a data input process to the database, when tourists scan the RFID tag into the RFID Reader, the tourist's personal data can be read and the data is processed into the MCU Node Module. This RFID technology can make tourist transaction visitors a profit. Visitors no longer need to spend money in physical form, and also no longer need a ticket to enter the tourist area. Transactions are also more efficient and faster because you only need to attach a smart card to an RFID reader that is placed at the entrance of tourist attractions. Visitors will also receive balance information notifications after making transactions sent via the RAD studio 10.4 sydney application and can also see what is displayed on the LCD..

Keywords : *Payment system, RFID, database, Application, LCD*