ABSTRACT

PROTOTYPE OF PARKING APPLICATION

IN INDONESIA COMPUTER UNIVERSITY

RFID BASED

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Currently UNIKOM has had the lot, but the management is still done conventionally, which can cause some problems, namely the number of vehicles UNIKOM academic community are not comparable with the maximum capacity of the parking lot to make parking UNIKOM not well organized, the absence of restrictions on vehicles that still parkirdan the gaps in security that can be utilized by the parties - parties who are not responsible. In addition, parking at UNIKOM not have any reports of parking, so parking UNIKOM less monitored. One technology that can be used to improve services and security parking UNIKOM is Radio Frequency Identification (RFID). We make parking application prototype is expected to curb parking at UNIKOM, improve system security parking UNIKOM, which is expected to prevent crime by the parties who are not responsible, such as data manipulation tickets, reports UNIKOM parking, so expect the presence of statements parking, parking systems become more monitored.

Keywords: Parking, RFID, security, orderly, report