

komputer dan tiap mikrokontroler penuh. Setelah dilakukan pengujian pada jam sibuk antara pukul 7.00-19.00 sistem masih berjalan dengan baik

Kata kunci : *RFID, primary key, RFID Reader, id*

ABSTRACT

Currently vehicle has become a requirement that almost all students, with so many user forced the institution to ensure the safety all participant. Starting from centralized location of parking, provision of temporary parking card and safety guard to avoid exchange vehicle.

RDIF (Radio Frequency identification) is an identification method to save and take data remotely. RFID can be applied to overcome risk of vehicle exchange.

In this system of each vehicle and owner has RFID card as proof of ownership. The result *id* from RFID will be checked the validity of ownership. With 92% accuracy rate. Failure can occur when data path between computer and each microcontroller is full. Once the testing is done, during busy hour between 7.00 am to 07.00pm the system is still running well

Key Word : *RFID, primary key, RFID Reader, id.*