ABSTRACT

There are so many criminal acts of theft of motor vehicles, especially cars .Therefore needed extra safety systems in vehicles prone to crime. Previously there by using the security alarm system, but there are still shortcomings, only Gives warning alarm shortly without giving a clear notification. The system developed into a arduino microcontroller based security system on the car doors, car doors equipped with RFID connected with arduino that serves as the center of the security system. The security system is also equipped with an alarm and SMS gateway that uses Icomsat as a notification to the user by the system so that users get a clear message. The end result of the research is a prototype car door security system in the form of RFID as a primary access and arduino as a security system control center and equipped SMS gateway.

Keywords: RFID,Arduino, SMS Gateway