ABSTRACT

Hafidudin. 23116132.

PROTIPE OPEN CLOSE HOME GATE DOOR USING ARDUINO UNO-BASED RFID.

PI. Computer Systems, Faculty of Computer Science and Information Technology, Gunadarma University. 2019.

Keywords: Arduino Uno, RFID,Gateway

(xiii + 49 + Appendix)

Doors are part of a house. Occasionally opening and closing doors is a time when we struggle to open them as night falls when homeowners sleep. / the gate of the house. This study aimed to create an arduino-based prototype system using RFID. Photodiode sensors, understand the performance of the device's system for automatically moving doors and detect variable angle detectors with object distances. In the design of the automatic door utilizing arduino uno, L298N, DC motor, photodiode sensor and prototype.

Bibliography (2016-2019)