

ABSTRACT

Telecommunications networks continue to evolve. Even now almost all people in the World has a twitter account. With the continuing results of the Smart Lights Project with a view to reduce the use of electricity and also as a monitoring room in a home or office need a system monitoring tool automation lights are connected to the Arduino and Arduino will send the data from Wiznet 5100 to 5100 where this Wiznet interface into a twitter. So the user can monitor the state of the room without the room came but just look at twitter user can find out whether there is a movement diruangan teerdebut or not.

The monitoring system created by the author using Wiznet 5100 as an interface between the Arduino and use twitter base Wiz127sr to activate all functions of Wiznet 5100. To connect with twitter Wiznet 5100 used between the router TP LINK TL MR-3020 series, in which the router there is a slot for a usb gsm modem connected directly biased with an Internet network. When everything is connected, the monitoring process can run well.

After testing, the monitoring system generates an output notification sent through twitter account based on the date, hours, minutes, and seconds. These receipts and monitoring system so that the system input 5v to function properly.

Keywords: monitoring,twitter