ABSTRACT

Taufik Azhar Effendi, Computer Engineering Program, Department of Information Technology, State Politeknik of Jember, ... 2015 "LIGHT BUILDING CONTROL SYSTEM BASED ON ANDROID USING INTERNET NETWORK". Supervising commission chairman Nurul Zaenal Fanani, ST, MT, members: Elly Antika, S.T.,M.T. , Yogiswara, ST., MT.

The development of today's technology shows tremendous progress. Starting from the technical specifications that are getting better and at a cheaper price making the spread to all walks of society, can urban and rural communities with economic up up up down economy. With mobile technology that is rampant today as various models of smart phones could greatly assist its activities. With the device also can be petrified users with high mobility so that it can monitor the state of his house with the help of the right software.

Such as the use of the house lights, turn on the house lights long enough of course will increase the burden of the electricity used and of course the bill will be more. Moreover, if the homeowner was away and had to leave the house without waiting, the lights will definitely continue to be up for the dark and do not make it more secure, and the lamp will also remain alive until noon. Therefore we want to make light controller that can Meremoth remotely with the help of smartphone technology and the Internet.

In this case the author intends to build a lighting control system using a smartphone with internet network media. Android-based devices are used so that should also set up applications that can control the lights using the internet network. So with this system is expected to help homeowners to control the lights either in the home or while traveling away.

Keywords: smartphone, Internet, house lights.