

ABSTRACT

People have not been very wise in the use of electrical energy, especially in terms of turning off some electronic devices when traveling. This can result in swelling electricity bills and one of the triggers for fire if there is an electrical short circuit. Along with this, the concept of a house continues to develop, including the latest developments that are often called smart homes with the characteristic of adding communication and information technology to the home.

With this, electronic control can be done using an application that is connected to the internet, this application is a forum for creativity to create a graphical interface for the project to be implemented, from this application platform we can control remotely, wherever we are and at any time, provided that the application is connected to the internet with a stable connection. So in this study, the author wants to examine how to implement a portable automation system, especially in the web based model that is integrated with internet and microcontroller.

Keywords : *system home automasi, home automasi portable*