ABSTRACT

As time goes by, the utilization of technology to help daily activity grows very fast. The technology that can be applied not just in the governor environment, in public facilities, buildings but also in the housing sectors. The use of technology in the home sector is quite expensive. there's not much technology that able to integrate the entire house into one system. The definition of a smart house widely is a house equipped by an integrating system with households appliance that could be controlled and monitored from a far distance. One of the aims of this technology is to helps the owner of the house to control their households appliance. This system works with connecting things like bedroom lights, terrace lamp, dining lamp, the switch, curtains with a microcontroller. After connected with the microcontroller, users could control everything through the web that connected by home Wi-Fi.

Keywords: smart house, controlling system, Internet of Things (IoT).