

ABSTRACT

Electrical energy is one of the most needed energy for Indonesian people today. This has an impact on the level of availability of electricity reserves. Because in 2017 Indonesia has a standby status for the availability of electricity reserves. Therefore, it is expected that there is an innovation that can overcome and regulate the use of electric power so that efforts to save electricity can run.

Web is a page that contains various kinds of information in the form of text, images, videos, or tables that can be accessed using a browser easily. The method of controlling and controlling the use of electrical power of web-based electrical devices in a home building so that the use of electricity can produce optimum values according to the user's desires, is the answer to the problem of the availability of Indonesia's electricity reserves.

As a result of this final project will create a web-based interface that can be accessed online on home automation systems that can monitor and control directly by its users.

Keywords : home automation, monitoring, controlling, web, interface, firebase