

ABSTRACT

Telkom University is an institution that organizes programs in the Green Campus. As proof, Telkom University is ranked 9th in the Greenmetrics 2017 National level UI ranking. However, in its application, there are several weaknesses on this campus. One of them is not efficient in using electricity. Every month the cost of electricity payments is estimated at 500 million Rupiah. This is quite large in the use of electricity.

At the end of the project with the title Electricity Consumption Information System with Map Modeling Features (Case Study of the Telkom University Faculty of Applied Sciences Building), carried out to monitor the large amount of electricity consumed at the Telkom University Faculty of Applied Sciences building. The information system created, based on a website that will display the results of monitoring that has been issued by the microcontroller through google firebase as a storage database from the calculation of microcontroller components which will then be processed in order to produce an image display scanning model from the Faculty of Applied Sciences. After obtaining the data, modeling will give a color mark, on the floor using the largest electricity user in the Faculty of Applied Sciences building.

With this information system, it is expected to be able to contribute to electricity expenditure on the Telkom University campus, the special building of the Faculty of Applied Sciences, and members of value added for the management unit, Telkom Logistics University, included in the electricity usage monitoring and control system.

Keywords: Electric Power Consumption, Website, Supervision.

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