

ABSTRACT

SMART CLASS SYSTEM WITH CONTROL OF USE OF ELECTRICAL ENERGY

Classroom is a room that functions as a place for face-to-face activities in the process of teaching and learning activities (KBM). In the classroom there are also various supporting tools for teaching and learning activities such as several tables, blackboards and other electronic devices. Various class users can use all the facilities provided in the class. And also the level of human negligence also varies in using class facilities. Often the use of electronic devices in class is excessive. This excessive use is caused by users of their own class. Therefore, to overcome the excessive use of electronic devices, a system is needed that can make it easier to control the use of electronic devices.

Constraints that often occur in class are excessive use of electronic devices in class. This happens because of negligence from class users who forget to turn it off, resulting in waste of electrical energy in the class. Therefore in this study a system that will facilitate the control of electronic devices in the classroom will be designed. In addition to this tool there is also a feature to turn off the system itself according to the specified time.

This study aims to design a smart class system with control of the use of electrical energy. This system is designed to make it easier for class users to control and monitor the use of electronic devices in class. In addition, it can also reduce the level of negligence of class users in the use of electronic devices that are excessive or over a specified time.

Keywords : *Classrooms, neglect, use of electronic device*

