

ABSTRACT

This study aims to make the design Disorders Notification System LCD Projectors in Building B, IT Telkom in prototype form. This system will make it easier for faculty or students who want to tell the LCD projector Rooster that they will use for teaching and learning activities in the classroom that they use disorders. In this final project, I had the idea to make the system notices a disturbance in the classroom projector that aims to quickly notify the Rooster that projectors are located in the classroom disorder. However, this system does not specify what happens to the interference project

This research includes applied research that originates from the problem to determine how effectively the Rooster if the LCD projector in a classroom in the building B impaired or can not be used because of certain reasons . However , the study does not explain in detail why the LCD projector impaired . This system consists of 4 blocks of the design , which blocks ATMEGA16 minimum the system that serves to process the data in and out of the system , 2x16 LCD block that serves to inform the steps in using this system , which serves to block the keypad to enter a password , and block push button as a button to send a signal to the Rooster . End of this system to work , there is a plan that is made that is used to determine which rooms have pressed the button using Visual Basic 6.0 applications . Data collection techniques are technically done by testing the system which is connected to a particular gauge and data retrieval is also performed with a questionnaire . The data have been obtained were analyzed descriptively quantitative and qualitative.

The results showed that, in testing the system technically is not as expected. The system can not operate at a distance of more than 4 meters. The results of the questionnaire that has been deployed, shows that 4 of the 30 correspondents who strongly agree and 8 of the 30 states the system can effectively agree to notify in the event of disruption Rooster LCD projector, in other words, only a few states that this system can work effectively. So the system is not feasible to use.

Keyword : password, push button, mikrokontroller, *lcd*