ABSTRACT

The use of ABS system (Automatic Building System), in particular the integrated monitoring system (server) aims to monitor events that occur in the air conditioning system, lighting, and the hydrant. Incident such as the number of people, the temperature in the office space, and fire or smoke in the electrical repair shop. ABS system for monitoring using visual basic.

Results from events that occurred on 3 systems can be viewed or above through the server. This system can work well if the lighting system, air conditioning, and the hydrant is connected to the server. 3 to connect to the server system is used Wireless Router, through their PCs using Visual Basic 6.0 software.

Integrated monitoring system (server) can also take over or the role of each PC that is on the monitoring of air conditioning system, lighting system, and hydrant system. Servers can also see events that occur in each system.

Keywords: Visual Basic, Wireless Router, Crystal Report.