ABSTRACT

At this time, temperature monitoring still be done manually. All of the thing that related with temperature monitoring still be done by using the man power. This matter cause inefficient of time and place.

At the certain moment, human don't always in the location area to do monitoring, so they need controlling system by computerization to help their job for controlling the room temperature.

This Final Project make a system application which of course useful to help the human job related to the matter that have been mentioned above. System that have been made is a remote system for room temperature monitoring base on sms. Temperature sensor that attach at the server room is to know the condition of the room temperature at the certain time. In the realtime system condition, immediately it will response quickly each the happen of the drastic temperature change and send alarm to user which so far from location through SMS Alert. Then from those each event it will be save to the database system. With SMS Alert possible to user to monitoring the room temperature and the status condition of the sensor peripheral from anywhere.

System remote monitoring that have been made use the set of equipment such computer, it used as center computer, handphone, temperature sensor that will detect the room temperature. While the software that used is Borland Delphi.

Keyword : temperature sensor,sms alert,remote of temperature monitoring