A Web based Temperature Monitoring System using Linux

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Abstract

A Web Based Temperature Monitoring system that allows the user to continuously monitor the temperature condition of a room. The enhancement from the existing system on the temperature monitoring is that this prototype system allowed the data to be monitored anytime and anywhere from the Internet. This research divided into two parts that involved with the
A Web based Temperature Monitoring System using Linux

hardware and software. The hardware part involved building the temperature Sensor board and for the software part involved written programming and construct coding using Linux language program. The programs then are uploaded into the micro controller which then created Visual Basic 6.0 application to display the temperature and saves the data into a database. An active Server Page (ASP) scripting language is used as server side scripting to publish the current temperature at the web browser. This prototype of a Web-Based Temperature Monitoring has met all the objectives derived and planned.

Reference


Index Terms

Computer Science Programming
Languages
Key words

Temperature Sensor
Web Based

Automated System
Monitoring Application