

ABSTRACT

Development of Computer Temperature Monitoring Applications In Ethereum Mining Based on Visual Basic is an application built for monitoring computer temperature at ethereum mining. This Visual Basic based application takes advantage of hardware on the computer, this application works by identifying the temperature on the hardware residing on the computer device member. The temperature monitoring work process has the ability to view or monitor the temperature of hardware on computer examples such as CPU, GPU, MOTHERBOARD and HDD. Temperature monitoring based on Visual Basic, member must monitor temperature for that user or member must open the application of temperature monitoring first as authentication so that user can be connected by application of temperature monitoring. In testing, temperature monitoring can work for, running services such as temperature monitoring on four hardware devices residing on a computer. The computer equipment must be connected to a Visual Basic based temperature monitoring application by applying Visual Studio already on the user's computer. The application of temperature monitoring will check whether the temperature on normal hardware if not normal there will be notification delivery via sms gateway to the user application. Application temperature monitoring and notification sms gateway is connected on the user's computer if you want to enable sms gateway to send messages when the hardware temperature limit exceeds the normal limit and the temperature monitoring results on the hardware has been well tested.

Keywords: Computer Temperature Monitoring In Ethereum Mining Berasi Visual Basic