ELECTRONIC THERMOMETER

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A project report submitted in partial fulfillment of the requirements for the award of the degree of Diploma of Electrical Engineering (Electronics / Telecommunications / Instrumentations / Computer)

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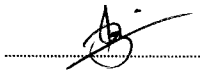
"I declare that this report entitled "*Electronic Thermometer*" is the result of my own group research except as cited in the references. The report has not been accepted for any degree and is not concurrently submitted in candidature of any other degree."

Signature	:.	
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ABSTRACT

This project 'Electronic Thermometer' is the device to detect human body temperature in specific digit form. This project is very needed for human usage for example to detect baby temperature in home, to make sure that baby in fever or not. This device is easy to use which just put it into ear and the real value of human body temperature will be detected. So, the value will be displayed in specific value which is in decimal places. In this Electronic Thermometer project, there is one part that using LCD (liquid crystal display) to display the value of the human body temperature and the temperature will be displayed between 0°C to +100°C by using sensor LM35. More than that, when the temperature reaches 40 degree celcius and above, the red LED will be turn on and if the temperature displayed 39 degree celcius and below, the green LED will be turn on. The red LED showed the warning human body temperature and if green LED displayed it showed the normal human body temperature. These actions will help people to overcome the problems with faster.

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