

Design and build a patient body temperature collection and monitoring module.

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Abstract: This topic focuses on the design and implementation of an automatic system for collecting and monitoring patients' body temperature in medical facilities. The reason for choosing this topic is based on the increasing demand for remote health management, especially in the context of the pandemic. The objective of the research is to build a comprehensive solution to support medical staff in monitoring and responding promptly to changes in patients' body temperature. The method combines modern temperature sensing technology with an intelligent monitoring system. The expected result is to provide a useful tool, increasing efficiency in healthcare while reducing the workload for medical staff.

Keywords: Patient body temperature, Remote monitoring, Temperature sensor, Automated system, Home healthcare