

Design of a patient heart rate and temperature monitoring system

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Abstract: In the context of modern healthcare, closely monitoring patients' health status is particularly important. This topic focuses on the design and implementation of an automatic heart rate and temperature monitoring system for patients. The main objective is to provide a solution that helps doctors and nurses monitor patients' conditions more quickly and accurately from a distance. The research methodology includes building signal processing algorithms and deploying the system on an IoT platform. Expected results not only improve the quality of medical services but also contribute to the development of personal health monitoring technology.

Keywords: Patient monitoring system, heart rate, body temperature, IoT, remote monitoring