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(57) Abstract :
In cutting-edge contexts including smart cities, smart homes, education, healthcare, transportation, and defense operations, the IoT is crucial. Because they allow for safe, real-time remote monitoring of patients, IoT applications in healthcare greatly enhance the standard of treatment and the lives of those who receive it. This article is an overview of recent developments in healthcare monitoring systems that make use of the Internet of Things. We explore the implications of implementing IoT-based healthcare systems and the advantages of doing so. Through extensive literature evaluation, we present a comprehensive overview of recent research on IoT-based healthcare-monitoring systems. Effectiveness, efficiency, data protection, privacy, security, and monitoring across systems are compared in this research study. The research additionally presents a categorization of healthcare monitoring sensors and investigates IoT monitoring solutions based on wireless and wearable sensors. We also go into depth on the difficulties and unanswered questions surrounding QoS, privacy, and security in healthcare. Remote Patient Monitoring (RPM) has become a crucial tool for healthcare professionals, but managing and analyzing such a large volume of data remains a difficult task. We assessed the system's usability and user satisfaction using the Post-Study System Usability Questionnaire and the System Usability Scale. The system scored higher than the control group.

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