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## **A SYSTEMATIC REVIEW OF INTERNET OF THINGS APPLICATIONS**

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### **ABSTRACT**

*The Internet of Things (IoT) is a network of smart devices containing sensors, networking, and computing technologies that integrate and operate together to create an environment where smart services may be delivered to end users. The Internet of Things is bringing a slew of advantages to people's lives by creating an environment where smart services are available to use for any activity, anywhere and at any time. All of these features and services are delivered via a variety of IoT-based apps. Monitoring and, as a result, rapid decision making for effective management are the most essential services provided by IoT applications. In this article, we use the Systematic Literature Review (SLR) technique to survey several IoT application areas in order to understand the various methods in IoT applications that have recently been presented. The goal of this article is to classify and evaluate current research methods on IoT application approaches published between 2011 and 2018, both analytically and quantitatively. A technological taxonomy for IoT application methods is provided based on the content of current research chosen using the SLR process in this study, which include health care, environmental monitoring, smart cities, commercial, industrial, and general features in IoT applications. IoT applications are compared based on technical characteristics such as Quality of Service (QoS), suggested case studies, and assessment settings. Each study's accomplishments and drawbacks are addressed, as well as some suggestions for resolving their flaws and identifying future research difficulties and unresolved problems in IoT applications.*

**KEYWORDS:** *Internet of Things, Quality of Service, Sensors, Systematic Literature Review, Smart Objects.*

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