Smart Learning using IOT Technology

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Abstract: *Information and communication technologies (ICT) and the ongoing integration of new technologies into institutional learning have led to the development of smart education, which is now a common component in education. The goal of the smart classroom is to help students learn new skills, adapt to new situations, and use technology in a way that results in improved learning outcomes and big data. A new technology known as the internet of things (IoT) enables devices with sensors, actuators, and processors to connect with one another and carry out useful tasks. Designing under these circumstances might be challenging because of the quick evolution of technology. IoT application design is a difficult problem. The current standardisation efforts frequently duplicate IoT development. The reference architecture offers a remedy for superfluous design tasks in smart education. This chapter's goal is to examine the prerequisites and architectural frameworks for smart education. A scalable and adaptable IoT architecture for smart education (IoTASE) is being presented.*

Keywords: Internet of things (IOT), Technology, Smart Education, Development, Scalable, Adaptable

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