Abstract

Network of Things (NoT) and Internet of Things (IoT) is a shared network of objects (things) which can interact with each other while NoT is utilized while unavailability of internet connection and IoT is utilized while providing the cyber world connection. These both the protocols widely play a paramount role in industrial automation and home automation individually. The practical goal of this article has been to engender a frugal, utilize amicable and captivating system for home automation system by the utilization of these both the systems. The web application or android mobile is fundamentally used to send the commands to the Node-MCU to control all the habitation appliances. The main feature of this system is to switch on/off predicated on android app or web application with speed control of fan predicated on temperature variation, vicissitude in intensity of tube light or lamp predicated on light intensity of sunlight. This proposed system has withal another feature is to get the status of home appliances from android mobile phone or web application.
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Index Terms

Computer Science          Distributed Systems

Keywords

(Internet of Things), NoT (Network of Things), Node MCU, ESP 8266, Home Automation.