Abstract

Today’s world deal with different technologies. Consider the devices used as things and try to form a network of these devices such that these use internet and from internet if it is possible to connect these devices so that they can interact with each other then the devices as things and the networking of things as Internet of things. So a formal definition can be IoT is the networking of everyday objects which interact to each other and also connected to the internet. Many smart applications which support and simplify everyday life can be enabled by the IoT. Normally the things are connected by cloud. Due to special requirements, the design of IoT module is very complex and is a great challenge in research. The IoT system is required to connect large amount of things to the cloud system. Therefore an open API should also be
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provided for easy data access and interoperability. As a result, IoT system can be accessed and controlled from anywhere and anytime using any device, one of which is Smartphone.

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