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(57) Abstract :

We now live in a completely new way as a result of the Internet of Things (IoT). It is irrelevant what type of business it is or how large or small it is. As a result, a diverse array of Internet of Things (IoT) applications is being created and deployed across a range of industries. Without the assistance or involvement of a human, IoT devices can communicate with one another. Thus, the most crucial tasks in self-driving autos should be to confirm the device's validity and to assure signal integrity. A centralized authentication technique is practically impossible to implement due to the system's ongoing growth. According to this study, a decentralized architecture based on Block chain technology can be used to efficiently and quickly manage a large number of smart devices. Both the devices and the humans who use them must be able to establish their identities. This is an integral part of the design.

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