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IOT Research and use in weather monitoring systems

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Abstract:

The integration of diverse sensors, devices, and communication protocols is necessary for the study and implementation of Internet of Things (IoT) technology in weather monitoring systems. This permits the collection, transmission, and analysis of meteorological data. Data transfer rate, power consumption, range, and application-specific needs are just a few of the factors that can affect these systems' choice of internet protocol (IP). The use of IoT (Internet of Things) technology in weather monitoring systems has led to in notable progress in the gathering, processing, and distribution of data. The investigation and use of IoT in weather monitoring systems are discussed in this article.

Keywords:

Sensor, Communication Protocol, MQTT, LoRaWAN, Arduino