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Insights into Tomorrow's Weather: An In-Depth Survey of Cloud-Integrated IoT Weather Monitoring Solutions with Flutter for Environmental Data Analysis

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Abstract: The device is a cutting-edge method of keeping an eye on the local weather and disseminating the data anywhere in the globe. This is made possible by Internet of Things (IoT) technology, which is a sophisticated way to connect everything to the Internet and to connect the entire globe. elements within a network The data recovered from the finished system can be viewed online from any location on the planet. It will be very challenging to monitor and check the environmental limit in the cultivating zone using cables. and simple devices during a couple of environmental bets. To overcome this problem, sensors are used here the farTo monitor and screen the environmental restrictions. We'll discuss DHT11 Humidity and Rain, FC37, and Temperature Sensor

Keywords: Temperature Sensor, Humidity Sensor, IOT, Raindrop Sensor, NodeMCU, Gas Sensor, Soil Moisture Sensor.

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