IoT based Food Spoilage Detection Monitoring using Blynk

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Abstract

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Abstract:
Smartphone and other high-tech devices are used so much these days that it's important to find simple answers to common problems. As a result, people are becoming increasingly reliant on various forms of cutting-edge technology to help those complete tasks in all aspects of their lives, from the home to the workplace. This paper discusses how the Internet of Things can be used to detect when food has gone bad. The proposed system relies heavily on detection and recognition techniques. The main goal of the algorithm is to find and tell the user about the smell of spoiled food. The NODEMCU microcontroller is used in this paper to investigate sensor- and code-driven technologies. The NODEMCU is the most important part of computer vision because it can be used for business and other good reasons. Second, whether technological advances are possible, as evidenced by extensive research. Scientists and researchers from a wide range of fields and institutions, including computer science and the food industry, place a high value on this field of study. The microcontroller panel can also turn on the sensor and read the inputs and outputs of the device. Refrigeration is frequently used to keep food fresh because it inhibits bacterial growth. Some items are intended for immediate use or cannot be stored for an extended period of time, and people must be aware of this. This article is mostly about how sensors can be used to keep food from going bad by constantly looking for signals that the food sends out and sending alerts to mobile phones that have already been set up.

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