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A Study on IoT Based Real Time Flood Alert System for Dam

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Abstract: In the last few years we have seen floods in different parts of the world almost every year. Technological advancement in recent years has made it easier to find a solution to these natural disasters. One such technology that brings us closer to the Internet is the "Internet of Things". This paper contains Real Time Flood Alert System for Dam using IoT technology. The sensors in this case are used to measure water, humidity, and temperature and to send real-time data to the cloud and users can access the data via the mobile app. This model is widely used to scare people before there is a flood and appropriate safety measures are taken.

Keywords: NODEMCU, Ultrasonic Sensor, Buzzer, DHT11, etc.

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