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IoT Based Flood Monitoring and AlertSystem

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Abstract: *Flood is one of the natural disasters that cannot be avoided. It happen stoof a stand affected so many lives and properties. Before this most of the existing system that as been developed are only focus on certain areas. Other than that, majority of the public cannot monitor and have no idea when the flood going to be happened since they do not have any information and data about the weather condition. This system is suitable for cities and village areas. Furthermore, if the public has an internet access, they can monitor what is happening and predict if there is any upcoming flood at the web server. This project will update the water level at the web server and the system will issue an alert singnal to the citizens for evacuation so that fast necessary actions can be taken.*

Cayenne IOT Platform accelerates the development of IOT-based solutions, including quick design, prototyping and other commercialized projects. It is a drag - and-drop IOT project builder that can help developers build complete, ready-to-use IOT solutions with little to no coding.

Keywords: Arduino Mega, DHT11 Sensor, GSM Module, Thing Speak , Water level Sensor , Web Application, Battery

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