

Design of a water level measurement and warning system in a tank via mobile phone network.

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Abstract: In the context of the need for effective water resource monitoring and management, this project focuses on designing an automatic water level measurement and warning system for tanks via mobile phone networks. The main objective of the project is to create a comprehensive solution from collecting water level data to processing and transmitting warning information to end users through mobile devices. The research method combines theory with experimentation to ensure the accuracy and reliability of the system. The expected result is to provide a flexible, cost-effective solution for water management and raise awareness of sustainable water use.

Keywords: Water level measurement system, Mobile phone, Water level warning, Water resource management, IoT technology