Design of a water level monitoring and control system via the internet

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Abstract: This topic aims to study the design of a water level monitoring and control system via the Internet to meet the demand for efficient water resource management. The objective of the topic is to build an intelligent system capable of collecting water level data from sensors, transmitting data to a server, and performing automatic control for terminal devices over the Internet. The research method is based on a combination of theory and experimentation, ensuring the comprehensiveness of the system. The expected result is to provide a new technical solution that helps improve the quality of water management at urban and rural levels, making an important contribution to the development of information technology in the environmental field.

Keywords: Monitoring system, Water level, Automatic control, Internet of Things (IoT), Water resource management