

Design of a remote water environment monitoring system for fish ponds using IoT technology

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Abstract: In the context of increasingly severe environmental pollution, monitoring and managing water quality in fish ponds has become urgent. This project aims to address this issue by building a remote water environment monitoring system based on IoT (Internet of Things) technology. Through a combination of theoretical research and practical application deployment, the project seeks to achieve the goal of providing an automated and efficient solution for water quality monitoring. The results of the project not only contribute to the development of IoT technology but also hold significant importance in protecting the environment and ensuring the safety of fish ponds.

Keywords: IoT, Environmental monitoring, Remote technology, Water quality, Monitoring techniques