

Building a device for monitoring and controlling farm status operations via the Internet.

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Abstract: In practice, effective farm management requires a synchronous technological solution to optimize operational processes. This study focuses on developing a system for monitoring and controlling farm status activities via the Internet of Things (IoT). The objective of the study is to build a system that improves management performance by collecting, processing, and analyzing data from IoT sensors. The research method combines theory and experimentation to ensure suitability with practical needs. The expected result is to create a practical application solution for effective farm monitoring and control, contributing to the sustainable development of the agricultural sector.

Keywords: IoT Monitoring, Smart Farm, Farm Management, IoT Data, Agricultural Automation