

Smart agriculture solution using LoRaWAN technology

Duong Dinh Cuong

Abstract: In the context of smart agriculture development, the application of LoRaWAN technology to optimize production processes and resource management in agriculture has become essential. This project focuses on building an automatic monitoring and control system for agriculture through the LoRaWAN network. The goal is to create a comprehensive solution including sensors, software, and data transmission devices. Through a combination of theoretical research and experimentation, the project is expected to bring significant improvements in agile agricultural management, thereby enhancing production efficiency and reducing environmental impact.

Keywords: Smart agriculture, LoRaWAN, Automatic monitoring system