

Design of a smart device control system using Zigbee technology

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Abstract: In practice today, the management and control of smart devices play an important role in daily life. This topic focuses on researching and designing a control system for smart devices using Zigbee technology. The main objective of the project is to build a system capable of connecting, transmitting data, and performing automatic control functions among multiple devices in a Zigbee network. The research method applied includes both theory and experimentation to ensure optimal system performance. The expected outcome of this topic is to provide an application solution that can be widely deployed, while contributing to the development of IoT technology.

Keywords: control system, smart device, Zigbee, IoT, data transmission