

Solution for building electrical devices for smart homes using WiFi wireless technology.

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Abstract: In the context of the rapid development of information and communication technology, the issue of efficient energy management in smart homes is increasingly emphasized. This topic focuses on building an electrical device solution for smart homes using Wi-Fi wireless technology with the aim of optimizing energy usage and improving quality of life. The research method combines theory with experimentation to create an automated energy management system. The expected result is a technically and economically feasible solution, contributing to the sustainable development of smart home technology.

Keywords: Smart home, Wi-Fi wireless technology, Energy management