

Building a Smart Home IoT system

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Abstract: In the context of the strong development of Internet of Things (IoT) technology, this topic focuses on building a smart home system to improve quality of life and energy efficiency. The main objective is to design and deploy an IoT system for homes, including the installation of sensor devices and smart controllers. The research method combines theory and experimentation to ensure the comprehensiveness of the solution. This topic aims to contribute to the field of home automation management and open up many potential applications in the future.

Keywords: Smart home system, IoT, Automation management, Energy saving, Smart sensors