

Building a control system for turning devices on and off via mobile phone network.

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Abstract: In practice today, the management and remote control of smart devices via mobile networks is becoming increasingly important. This topic focuses on building a system for turning smart home devices on and off through a mobile phone network, aiming to optimize user experience and ensure data security. Through theoretical research combined with experimentation, the topic aims to contribute a new solution to the problem of energy management in IoT systems, while providing a solid technical foundation for future applications in the smart home field.

Keywords: Remote control system, Smart home, Energy management, IoT, Data security