

Building a remote home electrical device management system on mobile phones.

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Abstract: In the context of an increasing number of households using smart electrical devices, the efficient and safe management of these devices has become essential. This topic focuses on building a remote system for managing household electrical devices via mobile phones. The objective of the topic is to address the issue of convenience and flexibility in controlling home electrical devices through a mobile interface. The research method combines theory with experimentation to ensure the system is stable, safe, and easy to use. The expected result is to provide a useful application solution for remote management of household electrical devices, contributing to improving users' quality of life.

Keywords: Electrical device management, Remote system, Mobile phone, Safety in use, Experimental research