

Building an electrical device management program in a building on Android

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Abstract: In practice, effectively managing electrical devices in buildings faces many difficulties. This project aims to solve this problem by building a mobile application system based on the Android platform to monitor and control smart electrical devices. Through the research process, the project applies a method combining theory with experimentation, thereby completing an automated electrical device management software. The expected result is that the system will improve energy efficiency and enhance the quality of life for residents in the building.

Keywords: Electrical device management, Android, mobile application, smart technology, energy saving