

Android mobile application for real-time measurement of electrical device energy consumption

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Abstract: In the context of increasing energy consumption, this topic focuses on developing a mobile application on the Android platform to measure the real-time energy consumption of electrical devices. The goal is to build an effective energy monitoring system to help users better understand their energy usage and thereby save on electricity costs. The research method combines theory with experimentation, focusing on developing a user-friendly and accurate interface. This topic is expected to provide a useful solution for both individuals and businesses in energy management.

Keywords: Android application, energy measurement, electrical devices, energy saving, energy monitoring system