

Design of a monitoring and control system for household devices using IoT technology

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Abstract: In the context of the increasingly developing digital landscape, the effective management and control of household devices have become essential. This topic focuses on designing an intelligent monitoring and control system for household devices based on IoT technology, aiming to optimize energy usage and enhance convenience in daily life. The research methodology combines IoT theory with practical application deployment to create a feasible and flexible solution for end users. The expected results will bring significant value by improving quality of life while encouraging the adoption of new technology in households.

Keywords: IoT, monitoring systems, home devices, energy saving, digital utilities