

Control devices in the room by voice and phone app.

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Abstract: In the context of increasingly modern life, the need to use technology to enhance work efficiency and home activities has become urgent. This topic focuses on the issue of controlling devices in a room through voice and mobile phone applications, aiming to solve the problem of convenience and automation in daily life management. The research method combines experimentation and practical application deployment, creating an integrated system capable of voice recognition and remote control of devices such as lights, fans, and televisions via a mobile phone application. The expected results of the topic will contribute significantly to the field of IoT (Internet of Things), helping users leverage technology to optimize their living and working spaces.

Keywords: IoT, voice control, mobile applications