

Smart door lock system for buildings using IoT technology

Vũ Ngọc Hoàn

Abstract: In the modern context, the demand for security and automation in buildings has become more important than ever. This topic focuses on developing a smart door lock system based on Internet of Things (IoT) technology to improve security performance and overall building management. Through theoretical and experimental research, the topic aims to build a comprehensive solution including both hardware and software, while also conducting trials on a practical model. The expected results will confirm the feasibility and application potential of this smart door lock system in enhancing building security.

Keywords: IoT door lock system, building management, information security