

Building a door opening and closing system using NFC technology

Ngo Van Ngoc

Abstract: In practice, managing and securing doors in organizations often faces many difficulties. This project aims to research and develop a door locking/unlocking system based on Near Field Communication (NFC) technology to improve efficiency and safety. Through theoretical research on NFC, the project will design and implement an experimental system to verify the performance of this technology in managing access to private areas. The expected results will provide a modern and cost-effective solution for the security industry of stores and offices.

Keywords: NFC, door management, information security, automated system, security