

Design and construction of an automatic door model for a teacher's parking lot using RFID cards.

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Abstract: In practice, managing teachers' personal vehicles at many schools still faces several difficulties. This project aims to design and build an automatic gate system for a teachers' parking lot based on RFID technology to improve management efficiency. Through theoretical research combined with experimentation, the project seeks to provide a solution that enhances security in the school's parking area and improves the vehicle entry/exit process for teachers. The expected results will contribute to the development of smart technology in vehicle management at educational institutions.

Keywords: RFID, teacher parking lot, vehicle management, school security, automated system