

Design of electronic lock using RFID technology

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Abstract: In the context of enhancing information security and convenience in asset management systems, this topic focuses on designing and implementing an electronic lock based on Radio Frequency Identification (RFID) technology. The objective is to build an RFID system that meets the requirements for efficient and secure asset management. The research methodology includes both theoretical analysis and experimentation, from which conclusions are drawn regarding the feasibility and advantages of the proposed solution. The expected results confirm the application value and significant contribution in the field of smart asset management.

Keywords: RFID, electronic locks, asset management system