

Design and construction of an electronic door lock system for the house.

Nguyen Dinh Hanh

Abstract: In the context of increasingly advanced cybersecurity, this topic focuses on the design and implementation of an electronic door lock system for homes to meet the higher security needs of families. The goal is to build a fully automated system that can integrate with modern security systems. The research methodology includes evaluating available technological solutions, designing technical drawings, and conducting practical trials. The expected outcome of this topic is to provide users with a new approach to home security management, contributing to an improved quality of life.

Keywords: Electronic door lock system, Cybersecurity, Home automation