

Design of an anti-theft system in a smart home

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Abstract: This topic focuses on designing and implementing an advanced security system to protect smart homes from the risk of burglary. Based on modern sensor technologies and IoT networks, the research aims to identify security issues in today's digital living spaces and propose a comprehensive solution to enhance the level of protection. Through a combination of theoretical and experimental processes, the objective is to create an effective system capable of early warning and automating emergency response procedures. The expected results not only strengthen the security of smart homes but also contribute to the field of home security technology.

Keywords: Anti-theft system, Smart Home, IoT, Sensor technology