

Design of an alarm system with Android operating system mobile phone

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Abstract: This topic focuses on the design and implementation of an alarm system based on mobile phones with the Android operating system. In the context of increasing theft incidents, creating an effective security solution is essential. The objective of this topic is to build a system that allows users to receive immediate notifications when unusual activities occur at their home or workplace. The research methodology includes requirement analysis, selection of appropriate technology, and deployment of the application on Android. The expected outcome of this topic is a robust security system with high compatibility, contributing to improved personal and organizational security.

Keywords: Mobile phone alerts, Android operating system, Security technology, Security solutions, Mobile applications