

Design of a fire alarm system on mobile phones

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Abstract: In the context of increasing fire and explosion incidents in private homes and public places, this topic focuses on designing a smart fire alarm system integrated with mobile phones. The main objective of the research is to develop a solution to improve fire safety by providing quick and effective information about fire and explosion situations. The approach combines theoretical research with experimentation to build a mobile application that can integrate with traditional fire alarm systems. The expected outcome is to enhance the rapid response capability of residents to fire incidents, while contributing to the development of information technology in the field of fire safety.

Keywords: fire alarm system, mobile phone, information technology, fire safety