

Intelligent CCTV Surveillance and Alert System

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Abstract: *The proposed system is an all-encompassing surveillance solution installed in indoor environments such as buildings, incorporating targeted CCTV cameras. The proposed system is an all-in-one surveillance solution installed in indoor environments such as buildings, incorporating targeted CCTV cameras. Unlike traditional systems, it incorporates cutting-edge technology to detect intrusions without the requirement of physical sensors. The system functions by analysing live camera feeds using computer vision algorithms to spot unauthorized individuals or suspicious activities. Upon identification, an alarm gets activated, and a notification is promptly dispatched via email to specified recipients, ensuring a timely response to potential security breaches. This inventive approach enhances the efficiency and effectiveness of indoor surveillance systems, offering robust protection for residential and commercial spaces.*

Keywords: indoor surveillance, CCTV cameras, intrusion detection, computer vision, alarm system, email notification, security monitoring, unauthorized access, suspicious activities

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