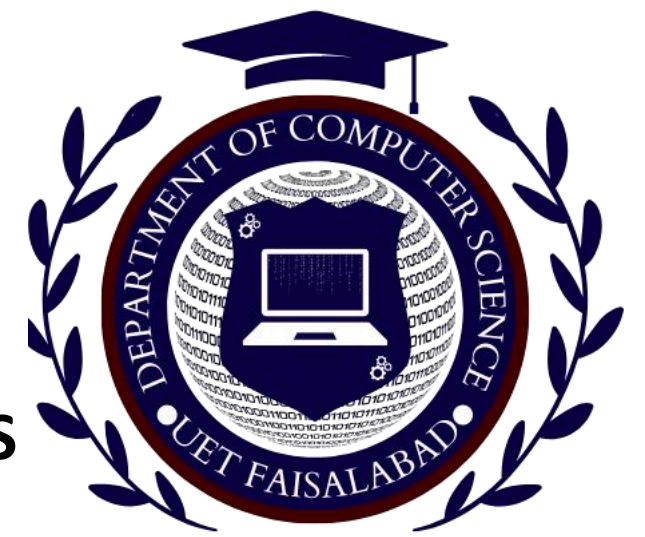


SECURE CAM

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ABSTRACT

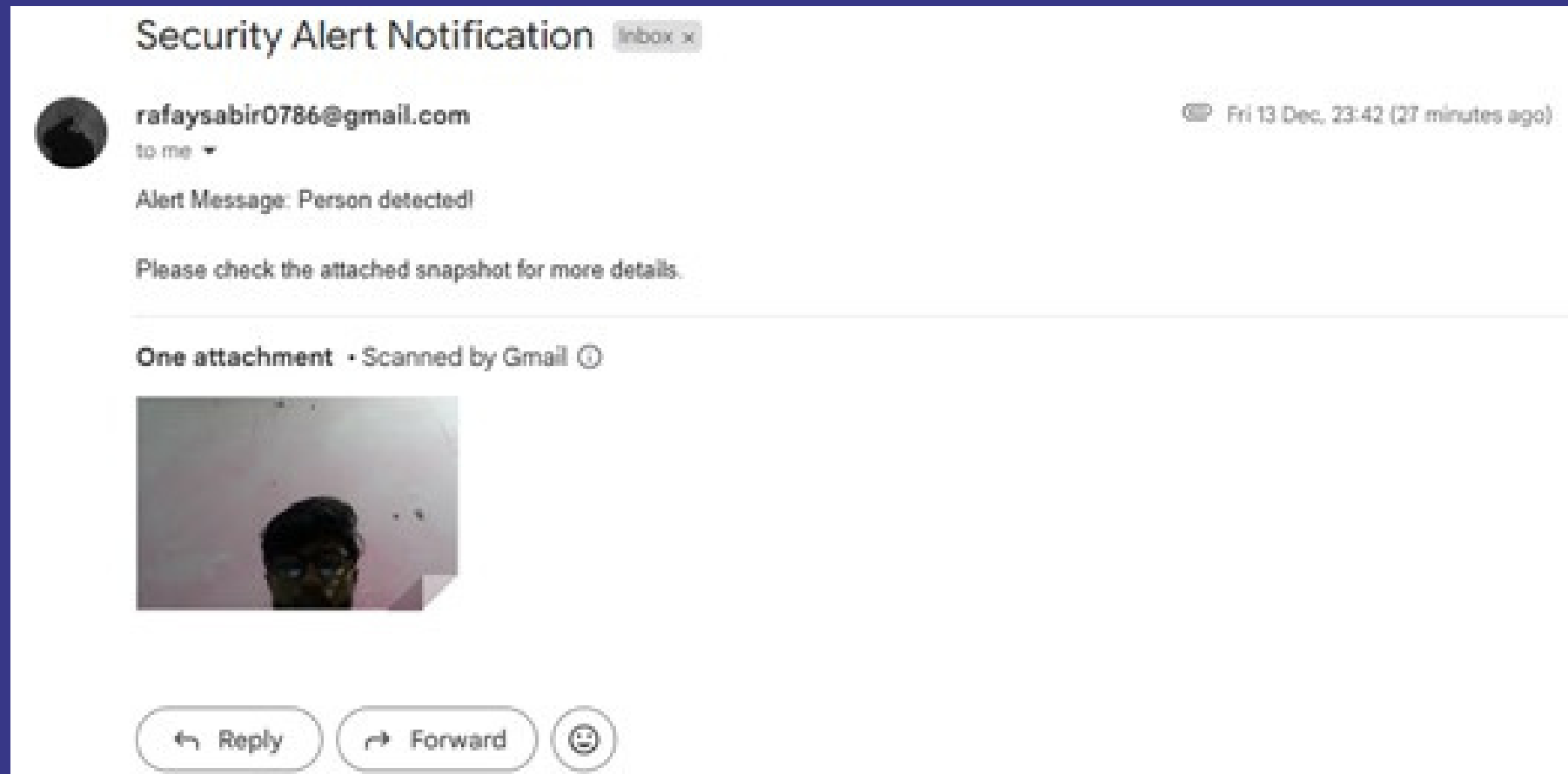
Secure Cam transforms webcams into advanced security tools with real-time video analysis, detecting intrusions and sending Gmail and SMS alerts with images in 0.8 seconds. It ensures secure database interactions through robust coding practices. With high detection accuracy and a user-friendly interface, it redefines modern security systems.

INTRO

Secure Cam tackles robbery prevention with real-time detection of unauthorized movements, leveraging advanced analysis to reduce false alarms and enable quick action. Instant Gmail and SMS alerts keep users informed of potential threats anytime, anywhere. Secure database interactions ensure the privacy and integrity of sensitive data. Combining intelligent detection, timely alerts, and robust security, it redefines modern safety solutions.[1]

METHODOLOGY

Secure Cam processes live webcam feeds using advanced computer vision to detect intruders, sending instant Gmail and SMS alerts with images. Secure database interactions via indirect referencing ensure data protection, while API integration enables seamless connection with external security systems. The system guarantees minimal latency (0.8 seconds) and is scalable to handle more users or video streams. Robust security measures, including role-based access control, protect sensitive data. A user-friendly interface allows easy configuration, activity monitoring, and report generation for all users.



RESULTS

Secure Cam enhances webcams with real-time person detection, sending Gmail and SMS alerts with images in just 0.8 seconds. With high detection accuracy, secure database interactions, and seamless integration, it offers an effective, user-friendly security solution.

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