

Project Title: Security and Surveillance Software System with Facial Recognition and Behavior Analysis

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Introduction

The purpose of this RFP is to solicit proposals from qualified vendors for the development and implementation of a comprehensive security and surveillance system. This system will utilize advanced facial recognition and behavior analysis technologies to enhance security measures and ensure public safety.

Project Overview:

The proposed system should be capable of identifying individuals in real-time using facial recognition and detecting unusual activities or behaviors in public spaces through behavior analysis. The system will be deployed in various high-security areas such as airports, train stations, and public squares.

1. Facial Recognition Module:

- Real-time identification of individuals.
- High accuracy in diverse lighting and environmental conditions.
- Integration with existing databases for cross-referencing.
- Privacy and data protection compliance.

2. Behavior Analysis Module:

- Detection of unusual activities or behaviors.
- Real-time alerts for security personnel.
- Machine learning algorithms to improve detection accuracy over time.
- Customizable behavior patterns based on specific security needs.

3. System Integration:

- Seamless integration with existing security infrastructure.
- User-friendly interface for monitoring and management.
- Scalability to accommodate future expansions.
- Robust data storage and retrieval system.

Team: 3 students

Technologies: none requirements

Evaluation Criteria:

- Technical expertise and experience.
- Quality and feasibility of the proposed solution.
- Compliance with privacy and data protection regulations.

Submission Details:

- Deadline: 30.06.2025
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Програмний продукт, який отримано протягом навчального процесу може бути використаний закладом вищої освіти за призначенням безоплатно і без обмежень у часі.