

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

**Supervisor:** Iryna Leshchynska

### **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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