Proposal: AI-Based Gun Storage Security System

Objective

This proposal presents a fully offline AI-powered gun storage security system designed to ensure secure firearm tracking, restricted access control, and enhanced security. The system will automatically register every firearm entering and exiting the storage room, prevent unauthorized access, and provide real-time security monitoring.

Key Features

- AI-Driven Gun Recognition & Tracking

AI-powered cameras will identify, classify, and track firearms. RFID integration will assign each weapon a unique ID for precise movement logging.

- Multi-Layer Authentication for Access Control

Face recognition + RFID verification will ensure only authorized personnel can access weapons. Prevents unauthorized firearm handling and enhances security compliance.

- Automated Alerts & Lockdown Mechanism

AI will detect suspicious activity, unauthorized access, or tampering in real-time. The system will automatically lock down the storage room and send alerts to security personnel.

Project Cost Estimate

The total cost of the project, including hardware, software development, system integration, installation, and support, is INR 3,50,000.