Project Design Phase-I
Proposed Solution Template

Date	23rd October 2023
Team ID	Team-592314
Project Name	Project – Crime Vision
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	In today's fast-paced world, effective crime identification and classification are crucial for maintaining public safety and ensuring justice. Traditional methods of analyzing crime scenes and incidents often fall short in accurately identifying various types of crimes. To address this challenge, we propose a solution that leverages deep learning techniques.
2.	Idea / Solution description	The goal of this project is to develop a robust system capable of analyzing images and video footage from crime scenes or incidents. The system should be able to accurately identify and classify different types of crimes based on the activities depicted. This technology will find applications in various domains of criminal justice and law enforcement, including crime scene investigation, forensic analysis, and surveillance.
3.	Novelty / Uniqueness	This project uniquely applies deep learning to swiftly and accurately identify various types of crimes from visual data. It offers automation, data-driven insights, and ethical considerations, making it a cutting-edge tool for law enforcement. The inclusion of a feedback loop ensures continuous improvement, making it a powerful and innovative tool for law enforcement and criminal justice.
4.	Social Impact / Customer Satisfaction	**Social Impact:** • Enhances public safety, leading to a safer society. • Enables faster response times, preventing further harm. • Optimizes resource allocation for more efficient investigations. • Empowers investigators with advanced tools for solving crimes.

		Customer Satisfaction: • Ensures accurate and reliable crime identification. • Improves efficiency with real-time responses. • Offers user-friendly interfaces for ease of use. • Adapts and evolves over time for ongoing effectiveness.
5.	Business Model (Revenue Model)	**Business Model: Crime Identification Service** Subscription Licensing: Law enforcement agencies pay for access tiers based on usage and features. 2. Support and Maintenance: Provide ongoing technical support, updates, and maintenance. 3. Partnerships and Collaborations: Integrate with existing law enforcement platforms. 4. Data Security Services: Provide compliancerelated services.
6.	Scalability of the Solution	**Scalability Strategies** 1. Parallel Processing: Distribute workload for faster processing. 2. Cloud Infrastructure: Utilize scalable cloud platforms. 3. Load Balancing: Ensure even distribution of tasks. 4. Monitoring and Metrics: Track performance for proactive adjustments.