

Project Initialization and Planning Phase

Date	15 April 2024
Team ID	738181
Project Name	CRIME VISION: ADVANCED CRIME CLASSIFICATION WITH DEEP LEARNING
Maximum Marks	3 Marks

Define Problem Statements (Customer Problem Statement Template):

The task is to develop a comprehensive Crime Vision dataset that encompasses diverse forms of criminal activities captured through various visual mediums such as surveillance cameras, dashcams, and mobile recordings. The dataset should address the following challenges:

Design a system capable of categorizing different types of criminal activities into distinct classes, including but not limited to theft, assault, vandalism, burglary.....

Implement algorithms to detect and track objects relevant to criminal activities, such as individuals, vehicles, weapons, and stolen items, within the visual data.

Addressing these challenges will contribute to the development of advanced surveillance and security systems capable of detecting, preventing, and responding to criminal activities more effectively, ultimately enhancing public safety and security.

Example:

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Crime analysts and investigators	Accurately categorize and prioritize criminal incidents	Manual processes are time-consuming and subjective	Data we get are quite large to deal with	Constrained and hindered in efficiently carrying out investigative tasks.
PS-2	Law enforcement agencies	effectively classify and manage criminal incidents	current methods are inefficient and prone to errors	it hampers timely response to criminal activities and compromises public safety	Frustrated and overwhelmed by the inability to efficiently address criminal incidents.

Customer Problem Statement Template				
I am	I'm trying to	But	Because	Which makes me feel
Crime analysts and investigators	accurately categorize and prioritize criminal incidents	manual processes are time-consuming and subjective	manual processes are time-consuming and subjective	constrained and hindered in efficiently carrying out investigative tasks.

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