

## **IDEATION PHASE**

### **BRAINSTORM & IDEA PRIORITIZATION TEMPLATE**

DATE	30-10-2023
TEAM-ID	TEAM-593175
PROJECT NAME	CRIME VISION: ADVANCED CRIME CLASSIFICATION WITH DEEP LEARNING
MAXIMUM MARKS	4

#### **PROBLEM STATEMENT:**

#### **CRIME VISION: ADVANCED CRIME CLASSIFICATION WITH DEEP LEARNING**

Crime Vision using Deep Learning is a technique that involves deep learning, to analyze images and video footage of crime scenes or incidents and identify and classify different types of crimes. This is very useful for criminal justice and law enforcement contexts, including crime scene investigation, forensic analysis, and surveillance. This can allow law enforcement agencies to develop strategies and interventions to prevent crime.

#### **BRAIN STORMING:**

For this problem statement, we use deep learning algorithm called Convolutional Neural Network (CNN). By using deep learning, it is possible to analyze images and video footage and classify them into different crimes based on the activity depicted in the image or video. Deep Learning algorithms can be trained to recognize patterns and features in images and video that identifies types of crimes.

## **IDEA PRIORTIZATION:**

For this problem statement we are going to use deep learning algorithm called Convolutional Neural Network (CNN). After building the deep learning model, a website is created using flask, html, CSS, and java script. A user uploads an image or a video in this website and the predicted output is shown.