Team ID	PNT2022TMID39414
Project Name	**Natural Disaster Intensity Analysis and Classification Using Artificial Intelligence**

Natural Disaster Intensity Analysis and Classification Using Artificial Intelligence

Project Flow

Project Flow:

- The user interacts with the UI (User Interface) to open the integrated webcam.
- The video frames are captured and analyzed by the model which is integrated with flask application.
- Once the model analyzes the video frames, the prediction is showcased on the UI and OpenCV window.

To accomplish this, we have to complete all the activities and tasks listed below

. Data Collection
    . Collect the dataset or create the dataset

. Data Preprocessing
   . Import the ImageDataGenerator
   . Configure ImageDataGenerator class
   . ApplyImageDataGenerator functionality to Train Set and Test set.
. Model Building
   . Import the model building libraries.