TEAM ID	PNT2022TMID01368
PROJECT NAME	Natural Disaster Intensity Analysis and Classification using Artificial Intelligence.

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 model analyses 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 Image Data Generator library.
  - Configure Image Data Generator class.
  - Apply Image Data Generator functionality to Trainset and Test set.
- Model Building
  - Import the model building Libraries.
  - Initializing the model.
  - Adding Input Layer.
  - Adding Hidden Layer.
  - Adding Output Layer.
  - Configure the Learning Process.
  - Training and testing the model.
  - Save the Model.
- Application Building
  - Create an HTML file.
  - Build Python Code.
  - Run the application.