TEAM ID	PNT2022TMID26770
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.