Project Design Phase-I
Proposed Solution

Date	19 September 2022
Team ID	PNT2022TMID38617
Project Name	Natural Disasters Intensity Analysis and Classification Based on Artificial Intelligence
Maximum Marks	2 Marks

Proposed Solution:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	humans need a way to describe and analyse the disaster early so that they can protect themselves from the damages due to the natural disaster.
2.	Idea / Solution description	This project uses Multi-layered Deep Convolutional Neural Network (pre-trained) model to classify Natural Disaster and calculate the intensity of the Disaster.
3.	Novelty / Uniqueness	To overcome the non-clarity image issues, the project uses the integrated webcam to capture the video frame and compare the data with pre-trained data.
4.	Social Impact / Customer Satisfaction	By the application humans can do the safety precautions to avoid the damages from the natural disasters, reduces the damages and use of Deep CNN algorithm with video frames accuracy improved.
5.	Business Model (Revenue Model)	The software requirements are affordable and it is reliable one.
6.	Scalability of the Solution	Highly expandible, dependable, reliable, scalable and has robustness.