Project Design Phase-I
ProposedSolution

Date	16 October 2022
Team ID	PNT2022TMID49204
Project Name	Project – Natural Disaster Intensity Analysis and Classification using Artificial Intelligence

Proposed Solution Template :

S.No.	Parameter	Description
1.	Problem Statement (Problem to besolved)	To identify natural disaster intensity level and classification based on the webcam image given asinput using Artificial Intelligence(AI).
2.	Idea / Solution description	The classification is done by deep learning techniques such as Convolutional Neural Network(CNN).
3.	Novelty / Uniqueness	It is based on the satellite and multispectral image and the classification using Multilayered Deep Convolutional Neural Networks.
4.	Social Impact / Customer Satisfaction	The people can easily identify the type of natural disasters and its effect on the ecosystem that leadsto the earlier identification and reduced damage inthe ecosystem.
5.	Business Model (Revenue Model)	We build a system that classifies the natural disaster and its intensity level and it is believed that the website is useful for all people ,also thewebsite works for a long time effectively.
6.	Scalability of the Solution	The website will be created for all the people who needs to classify the type of natural disaster. The machine learning and deep learning algorithms areused for the classification and intensity analysis.