Project Design Phase-I Proposed Solution

Date	19 October 2022
Team ID	PNT2022TMID51618
Project Name	Project – Natural Disaster Intensity Analysis and Classification using Artificial Intelligence
Maximum Marks	2 Marks

Proposed Solution Template :

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	To identify natural disaster intensity level and classification based on the webcam image given as input 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 leads to the earlier identification and reduced damage in the 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 the website 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 are used for the classification and intensity analysis.