Project Design Phase-I
Proposed Solution Template

Date	11 November 2022
Team ID	PNT2022TMID25119
Project Name	Natural Disaster Intensity Analysis and Classification using Artificial Intelligence
Maximum Marks	2 Marks

Proposed Solution Template:

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

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	To monitoring and predicting the disasters and its intensity of impacts on the region.
2.	Idea / Solution description	To use classification algorithm to identify the impacts of disaster.
3.	Novelty / Uniqueness	Usage of reinforcement learning algorithm to let the AI be self-sufficient and capable of gathering essential data on its own for prediction.
4.	Social Impact / Customer Satisfaction	This product will help in making crucial decision support at times of emergencies and also raise fundamental awareness of theimpacts of disasters.
5.	Business Model (Revenue Model)	Revenue generated through Royalty payments, product license costs in department, research and educational platforms.
6.	Scalability of the Solution	Disintegration of geographical terrains into multiple provinces which can be interconnected as a grid to help alleviate itsscale.

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