Project Design Phase-I

Proposed Solution Template

DATE	19 September 2022
TEAM ID	PNT2022TMID34298
PROJECT NAME	Natural Disasters Intensity Analysis and Classification using Artificial Intelligence
MAXIMUM MARKS	2 MARK

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 the impacts 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 its scale.