Project Design Phase-IProposedSolutionTemplate

Date	20 October 2022
TeamID	PNT2022TMID06689
ProjectName	Project – Natural Disaster Intensity AnalysisandClassificationusingArtificialIntelligence
MaximumMarks	2Marks

ProposedSolutionTemplate:

Projectteamshallfillthefollowinginformationinproposedsolutiontemplate.

S.No.	Parameter	Description
1.	Problem Statement (Problem tobesolved)	Tomonitoringandpredictingthedisastersand itsintensityofimpacts ontheregion.
2.	Idea/Solutiondescription	Touseclassificationalgorithmtoidentifyth eimpactsofdisaster.
3.	Novelty/Uniqueness	Usage of reinforcement learning algorithm tolet the AI be self-sufficient and capable ofgathering essential data on its own forprediction.

4.	SocialImpact/CustomerSatisfaction	Thisproductwillhelpinmakingcrucialdecisions upport at times of emergencies and also raisefundamental awareness of the impacts ofdisasters.
5.	BusinessModel(RevenueModel)	Revenue generated through Royalty payments,product license costs in department , researchandeducationalplatforms.
6.	ScalabilityoftheSolution	Disintegration of geographical terrains intomultipleprovinceswhichcanbeinterconn ectedasagridtohelpalleviateitsscale.