***Project Design Phase-I***

***Proposed Solution Template***

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| Date | **02/11/2022** |
| Team ID | **PNT2022TMID43723** |
| Project Name | **Project – 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.

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| **Sl.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. |