**Project Design Phase-I**

**Proposed Solution Template**

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| Date | 18 November 2022 |
| Team ID | PNT2022TMID47137 |
| Project Name | Project - Natural Disasters 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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| **S.No.** | **Parameter** | **Description** |
| 1. | Problem Statement (Problem to be solved) | To analyse and classify the intensity of the natural disaster using Artificial Intelligence. |
| 2. | Idea / Solution description | To propose a Convolutional Neural Network model for detection and classification of disaster intensity. |
| 3. | Novelty / Uniqueness | The proposed model works in two blocks of convolutional neural network. |
| 4. | Social Impact / Customer Satisfaction | Provides better accuracy in analysing intensities which enables better prediction of disaster |
| 5. | Business Model (Revenue Model) | The model works efficiently and effectively with better accuracy for customers. |
| 6. | Scalability of the Solution | Enhances collaboration between current and past initiatives and provides better accuracy and prediction. The used algorithms and CNN model made the analysis and classification easier. |