**Project Design Phase-I**

**Proposed Solution Template**

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| Date | 19 September 2022 |
| Team ID | PNT2022TMIDxxxxxx |
| Project Name | Project - xxx |
| 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) | \*Disasters caused by extreme weather hazard  Example:  -cold wave, heat wave  -lighting  -drought  \*Disasters caused by geological hazard  Example:  -Earth quakes and landslide  -Volcanic eruptions  -Avalanches  -Sinkholes  \*Disasters caused by water hazards  Example:  -Floods  -Tsunami  -Limnic eruptions | |
| 2. | Idea / Solution description | * Disaster forecasting system, web-based visualization system, alert system, and disaster response scenario database and achieved highly accurate results for early wildfire detection. * Deep learning method is used to analysis the natural disasters intensity. * IoT based method is used for alive human detection and alert system. * AI methods can predict earth quakes,landslide,floods. | |
| 3. | Novelty / Uniqueness | * This application can sugget good prediction for the natural disasters by recognizing the detection | |
| 4. | Social Impact / Customer Satisfaction | \*Its helps the disaster management system  by identifying the detection in the early  stage and reducing the losses in the  environment and save human life | |
| 5. | Business Model (Revenue Model) | \*This application recommends to the prediction of disaster management subscription basis. | |
| 6. | Scalability of the Solution | \*This application can be improved by introducing online purchases of iot devices, alert system easily | |