Project Design Phase-II
Solution Requirements

Date	14 October 2022
Team ID	PNT2022TMID19551
Project Name	Natural Disaster Intensity Analysis and Classification using Artificial Intelligence
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Detection of Natural disaster	User can detect the natural disaster shown in the footage.
FR-2	Classification of the disaster	User can identify the type of the natural disaster that has been occurred.
FR-3	Determination of the intensity	User can determine the intensity of the natural disaster that has been occurred.
FR-4	Visualizing the output	User can visualize the frequency of the natural disaster occurrences.
FR-5	Generating Report	User can view the summarised report of their video feed.

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The application will have a simple and user-friendly graphical interface. Users will be able to understand and use all the features of the application easily. Any action has to be performed with just a few clicks.
NFR-2	**Reliability**	When the system is disconnected or frozen due to over access at the same time, it should save all the process of the users made up to the point of abnormal happenings.
NFR-3	**Performance**	The system should require a fair amount of speed especially while browsing through the catalogue.
NFR-4	**Availability**	The system shall be available 24 hours a day 7 days a week. User can access at anytime.
NFR-5	**Scalability**	Large Number of users can access the website.