Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	17 October 2022
Team ID	PNT2022TMID33170
Project Name	Natural Disasters 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	User Registration	Registration through website google mail
FR-2	User Confirmation	Confirmation by means of Email or OTP
FR-3	User Login	Login through site or App using respective username and secret word
FR-4	User Access	Get to the web
FR-5	User Upload	Can't able to upload the information by client
FR-6	User Solution	Data report should be generated and delivered to user for per every 24 hours
FR-7	User Data Sync	API interface to increase to invoice system

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Easy to access will be in good quality. easy to install . climate monitoring.
NFR-2	**Security**	Access permissions for the particular system information may only be changed by the system's data administrator.
NFR-3	**Reliability**	The database update process must roll back all related updates when any update fails.

NFR-4	**Performance**	Very quick and highly performance to find the natural disaster

NFR-5	**Availability**	Modern module arrangement mustn't affect front page, item pages, and check out pages availability and mustn't take longer than one hour. The rest of the pages that will experience problems must show a notice with a timer showing when the framework is attending to be up once more
NFR-6	**Scalability**	Ready to increment adaptability by including memory, servers, or disk space. On the other hand, we can compress information, utilize optimizing calculations. The website participation restrain must be adaptable enough to bolster 500,000 clients at a time