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

Date	15 October 2022
Team ID	PNT2022TMID16376
Project Name	Project - 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	User Registration	Registration through Form Registration through Gmail Registration through LinkedIN
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Profile	Personnel details
FR-4	Information about weather forecast	Helps to determine future climate changes
FR-5	Display the forecast of the place	Such as precipitation, humidity, wind

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Classifying disasters and zone prone to it.
NFR-2	**Security**	User details must be secured.
NFR-3	**Reliability**	The output procedure should be reliable to the users.
NFR-4	**Performance**	The system should be able to handle many users without performance deterioration.

NFR-5	**Availability**	The system should be accessible to a user at a given point in time.
NFR-6	**Scalability**	The website pages should load fast with the total number of simultaneous users.