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

Date	09 October 2022
Team ID	PNT2022TMID54341
Project Name	Project - 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 Form Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Reporting/Documenting	Reports should be generated every 24 hours, mention all use cases.
FR-4	Testing	Component, API,UI testing, etc., Tested before nonfunctional testing
FR-5	Authorization levels	Should be a decentralized system.
FR-6	Objective	Describe what the product does

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The system needs to be effective and simple for users to use.
NFR-2	**Security**	User information must be secured.
NFR-3	**Reliability**	The produced output should be reliable to the users.
NFR-4	**Performance**	*The system should be able to handle many users without aperformance 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.*