

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

Date	15 October 2022
Team ID	PNT2022TMID27558
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 an online application using Gmail.
FR-2	User Confirmation	Confirmation via Email
FR-3	User Preparation	Ensures safety of all people and provision of food.
FR-4	User Evacuation	Safe evacuation ways would be advised.

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Prediction of disaster intensity can be done with ease.
NFR-2	<b>Security</b>	The secure pattern shares components with monitor and control for logging and control access for providing audit trails.
NFR-3	<b>Reliability</b>	High reliability since it deals with lives of people.
NFR-4	<b>Performance</b>	Depends on the throughput of the application and feed of images (dataset).
NFR-5	<b>Availability</b>	It is available 24/7 as far as WIFI exists.
NFR-6	<b>Scalability</b>	Disaster can affect people that can be examined by taking note of the number of fatalities and injuries.