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

Date	27 October 2022
Team ID	PNT2022TMID26356
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 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
FR-5	Payment Options	Cash on Delivery,Debit/Credit Card
FR-6	Product Feedback	Through Google Forms and Web pages

Non-functional Requirements:

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

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