

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

Date	15 October 2022
Team ID	PNT2022TMID53799
Project Name	Project - Natural Disaster Intensity Analysis and Classification Using Artificial Intelligence.
Maximum Marks	4 Marks

**Functional Requirements:**

<b>FR No.</b>	<b>Non-Functional Requirement</b>	<b>Description</b>
NFR-1	<b>Usability</b>	Classifying disasters and zone prone to it.
NFR-2	<b>Security</b>	User details must be secured.
NFR-3	<b>Reliability</b>	The output procedure should be reliable to the users.

NFR-4	<b>Performance</b>	The system should be able to handle many users without performance deterioration.
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Following are the functional requirements of the proposed solution.

<b>FR No.</b>	<b>Functional Requirement (Epic)</b>	<b>Sub Requirement (Story / Sub-Task)</b>
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.

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