

# Project Design Phase-II

## Solution Requirements (Functional & Non-functional)

<b>Date</b>	22 October 2022
<b>Team ID</b>	PNT2022TMID52367
<b>Project Name</b>	Project-Natural Disasters Intensity Analysis and Classification using Artificial Intelligence
<b>Maximum marks</b>	4 marks

### Functional Requirements:

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	Registration	Registration through website google mail
FR-2	Confirmation	Confirmation by means of Email or OTP
FR-3	Login	Login through site or App using respective username and secret word
FR-4	Access	Get to the web
FR-5	Upload	Can't able to upload the information by client
FR-6	Solution	Data report should be generated and delivered to user for per every 24 hours
FR-7	Data Sync	API interface to increase to invoice system

## Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Easy to access will be in good quality. easy to install. climate monitoring.
NFR-2	Security	Access permissions for the particular system information may only be changed by the system's data administrator.
NFR-3	Reliability	The database update process must roll back all related updates when any update fails.
NFR - 4	Performance	Very quick and highly performance to find the natural disaster
NFR - 5	Availability	Modern module arrangement mustn't affect front page, item pages, and checkout pages availability and mustn't take longer than one hour. The rest of the pages that will experience problems must show a notice with a timer showing when the framework is attending to be up once more
NFR - 6	Scalability	Ready to increment adaptability by including memory, servers, or disk space. On the other hand, we can compress information, utilize optimizing calculations. The website participation restraint must be adaptable enough to bolster 500,000 clients at a time