

Project Design Phase-II

Solution Requirements (Functional& Non-functional)

Date	10 November 2022
Team ID	PNT2022TMID49008
Project Name	Natural Disasters Intensity Analysis and Classification Using Artificial Intelligence
Maximum Mark	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	LOGIN	Login by giving mobile number, gmail or google account and their location.
FR-2	ALERT	The alert message is given to all the users when the cyclone hits.
FR-3	MONITORING	Continuous monitoring of cyclone and climatic changes.
FR-4	REPORTS	Keeping the records of the previous cyclone and refer news from meteorologist for live updation.
FR-5	END USERS	The information is sent to the farmers using the database.
FR-6	END GOAL	Inform to farmers about the cyclone and its intensity.

Non-functional Requirements:

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 permissionsfor 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 di saster