

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	03October 2022
Team ID	PNT2022TMID34201
Project Name	Project – Natural disaster 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	Authentication	Provides a right or agreed results or effects based on the data set
FR-2	Transaction processing	Big blue
FR-3	External interface	User interface that involves some aspect of artificial intelligence
FR-4	Business rules	supports data based decisions and should not be a autonomous system
FR-5	Reporting	AI methods require large data sets to learn relationships between variables
FR-6	Compliance to laws or regulations	Robust and reliable Safe and secure

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	User friendly and easy to classify the disaster
NFR-2	Security	There is no need for user login so that there is no security issues
NFR-3	Reliability	Highly reliable because it can process the data without any faults or errors

NFR-4	Performance	It gives a greater accuracy of about 90% to 95% and the result is obtained within a short period of time
NFR-5	Availability	It can be accessed at any time and the result is also perfect
NFR-6	Scalability	The website can be able to run on any web browser