

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

Date	03 October 2022
Team ID	PNT2022TMID12415
Project Name	Project – Exploratory analysis of rainfall in India for agriculture
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	Check weather	Customer can check the rainfall by giving region and month as inputs.
FR-2	Suggest crop	With the predicted rainfall, the crops would be suggested to the farmers for higher productivity

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The farmers and other people can easily use the application and it is user friendly no prior knowledge is required for using it.
NFR-2	Security	All data will be protected against malware attacks.
NFR-3	Reliability	The system will provide the prediction without any errors.
NFR-4	Performance	The expected output will be produces immediately to the user without much delay.
NFR-5	Availability	The system would be available 24/7
NFR-6	Scalability	The system would be available on web application and any user can login and use it without any disruptions.