

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

Date	03 October 2022
Team ID	PNT2022TMID38733
Project Name	Fertilizer Recommendation Systems For Disease Prediction
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	User Registration	Registration through Form Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3		
FR-4		

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Agricultural users have often Criticized lack of forecast skill And usability.
NFR-2	Security	quality of remaining phosphate rock decreasing and production costs are increasing.
NFR-3	Reliability	With more accurate forecasts the system can reduce the risk of Under application of N.
NFR-4	Performance	This paper proposes the detection of pest attack and nutrient Deficiency in the coconut leaves and analysis of the disease.
NFR-5	Availability	The proposed method uses SVM to classify tree leaves, identify the Disease and suggest the fertilizer.
NFR-6	Scalability	The key challenge of big data in agriculture is to identify the eff