

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

Date	03 October 2022
Team ID	PNT2022TMID47755
Project Name	Project - Fertilizers Recommendation System 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
FR-2	User Confirmation	Confirmation via Email
FR-3	User Profile	Fill the Profile page by providing required details
FR-4	Uploading Leaf Image	Image of leaf affected by disease want to be uploaded
FR-5	Requesting Solution	Image is processed and analysed by trained model and solution is generated
FR-6	Downloading Solution	The solution consists of disease and suggested fertilizer should be download in appropriate format.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Customer should access the system efficiently and easily.
NFR-2	Security	The data and information provided by the customer should be secure and prevent from any unauthorised user.
NFR-3	Reliability	The system must be reliable and trustable to the customer
NFR-4	Performance	To perform effectively and response must be fast
NFR-5	Availability	Should be available to all persons and accessible all the time
NFR-6	Scalability	Should be scalable in future