

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

Date	03 October 2022
Team ID	PNT2022TMID30319
Project Name	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 Login	Via Former/User
FR-2	User Dashboard	Single Sample Prediction Multiple Sample Prediction Image Sample Analysis
FR-3	Prediction Generation	Disease Report Fertilizer Suggestion

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	User-friendly interface to use,disease prediction,fertilizer recommendation system.
NFR-2	Security	The proposed method uses SVM to classify leaves,Identify the disease and suggest the fertilizer.
NFR-3	Reliability	Recommendation system is new era of research to predict things to end user.The predicting fertilizer very reliable product.
NFR-4	Performance	It's Very high accuracy to detect the disease and suggest the perfect fertilizer.
NFR-5	Availability	We use mobile applications to predict and analyze the disease.we use it every place with help of the application.
NFR-6	Scalability	It's a high range to train more images and it's support vector vision is 98 percent.