

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

Date	07 November 2022
Team ID	PNT2022TMID09623
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 Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Profile	Giving additional information to the profile
FR-4	Uploading Dataset	To upload the leaves of image.
FR-5	Requesting Solution	Uploaded images is compared with predefined model and the solution is generated
FR-6	Downloading Solution	The solution contains the recommendations of fertilizers and the possible diseases.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The system allows the user to perform the tasks easily, effectively and efficiently.
NFR-2	Security	Using antivirus software to protect malware attacks or unauthorized attack.
NFR-3	Reliability	Single server is running on the application so it take times to recover if any failures occur
NFR-4	Performance	Response Time and Net Processing time is fast.
NFR-5	Availability	System availability is up to 95% of time.
NFR-6	Scalability	The website is scalable.