Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	20 October 2022
Team ID	PNT2022TMID10715
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)
1	User Registration	Registration through Form Registration through Gmail
2	User Confirmation	Confirmation via OTP Confirmation via Email
3	User work	Take photo Upload from gallery
4	Image processing	Upload the image for the leaf disease prediction.
5	Prediction result	The disease's official name fertiliser for that disease
6	Final part	Logout Start user work again

Non-functional Requirements:

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

FR NO.	Non-functional requirement	Description
1	Usability	The standard of a user's interaction with the system.
2	Security	In order for software to continue to operate as intended, it must be protected from malicious attacks and other hacking dangers.
3	Reliability	Failure-free detection of a computer program for plant disease
4	Performance	The performance is based on the quality of the leaf used for disease prediction
5	Availability	Everyone has access to the ability to predict plant disease.
6	Scalability	The measure of a system's ability to increase or decrease in performance and cost in response to changes in application and system processing demands.