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

Date	29-10-2022
Team ID	IBM-Project-47218-1660797299
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 OTP
FR-3	User Profile	Filling the profile page after logging in
FR-4	Upload Dataset	Images of the leaves are uploaded
FR-5	Request solution	Uploaded images are compared with pre-defined model and solution is generated.
FR-6	Download solution	The solution document contains the recommendations of fertilizers and the possible diseases.

Non-functional Requirements:

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

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	The system allows the user to perform the tasks efficiently and effectively.
NFR-2	Security	Assuring whether all the data inside the system or its parts will be protected against malicious attacks or unauthorized access.
NFR-3	Reliability	The website takes time to recover from failure quickly as the application is running in the single server
NFR-4	Performance	Response Time and Net Processing Time is fast
NFR-5	Availability	The system will be available up to 95% of the time
NFR-6	Scalability	The website is scalable