

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

Date	23 October 2022
Team ID	PNT2022TMID42312
Project Name	Fertilizer 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 Google
FR-2	User Login	Login via Form Login via Google
FR-3	Upload section page	Upload images via form interface to the model via Watson Studio API
FR-4	Suggestions page	Obtain suggestions from the model's results
FR-5	Dashboard	Perform any kind of operations (based on role) in the web app

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The proposed web app would be user friendly and can be used right from user to admin
NFR-2	Security	For admin, IAM controls will be used for security
NFR-3	Reliability	Since IBM Cloud and Watson Studio are used, the web app will be reliable to the users
NFR-4	Performance	Model accuracy is expected to be >95% overall