

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

Date	03 October 2022
Team ID	PNT2022TMID08085
Project Name	Project – 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 Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User payment	API, UI for easy transfer purpose
FR-4	User security purpose	External interface, authentication for best security purpose
FR-5	User documentation	Use case for private information
FR-6	User contact purpose	If any error occurs , contact details is mandatory to resolve.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	<ul style="list-style-type: none">• All age groups can access this app• Tracking disease is easy• Through the disease prediction they get good knowledge about the plant disease
NFR-2	Security	<ul style="list-style-type: none">• Data privacy
NFR-3	Reliability	<ul style="list-style-type: none">• Flexible and cost savings
NFR-4	Performance	<ul style="list-style-type: none">• This is accessible during offline too
NFR-5	Availability	<ul style="list-style-type: none">• The disease are categories into sections
NFR-6	Scalability	<ul style="list-style-type: none">• Maintains a positive user experience