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

Date	03 October 2022
Team ID	PNT2022TMID41544
Project Name	IoT Based Smart Crop Production System for Agriculture
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 understanding	For better understanding of the farmer , the signs should be clear and legible and it can also include illustrations which will make it easily understandable to the farmer
FR-4	User conveience	The display should be big enough that it should even be visible from far distance clearly

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	It should have good security system so that no other person is able to hack and display there own directions
NFR-2	**Security**	It should be able to display information correctly and error - free
NFR-3	**Reliability**	It should be able to automatically update itself when certain weather problem occurs
NFR-4	**Performance**	It should be available 24/7 so that it can be beneficial to the customers
NFR-5	**Availability**	It should be able to easily change and upgrade according to change and need in requirement
NFR-6	**Scalability**	It should be able to upgrade and update when there is a need for it.