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

Date	13 October 2022
Team ID	PNT2022TMID29336
Project Name	Project – Solution requirements
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 verification	Verifying and get into the application.
FR-4	User understanding	Understanding all the instruction and learning about that information. Follow the rules and instruction .
FR-5	User startup	Startup using instruction do the Process given in the application.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Easy to perform service on the component Or whole system needed. It ensure technical and support staff are able to monitor the operation
NFR-2	**Security**	Smart devices are widely used by a range of people from farmers to entrepreneurs. These technologies are used in a variety of ways, from finding real-time status of crops and soil moisture content to deploying drones to assist with tasks such as applying pesticide spray. Multi-layered architecture relevant to the precision agriculture domain and discusses the security and privacy issues in this dynamic and distributed cyber physical environment.

NFR-3	**Reliability**	Reliability is essential in Smart Farming. Smart Farms' un protection may cause significant economic losses and low yields of production. This paper introduces an optimization model for providing reliability and, consequently, service continuity to the smart form
NFR-4	**Performance**	Performance are make or break the success of a software system or a product. User will not hesitate outright reject a system even if its meet all expected functional requirement. Availability are those that are not able to perform its regular function because of impaired and damage part.
NFR-5	**Availability**	There are so many application in using different tools and sensor ect….
NFR-6	**Scalability**	Scalability is the ability of the application to handle an increase in workload without performance , or its ability to quickly enlarge.