

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

Date	08 October 2022
Team ID	PNT2022TMID40222
Project Name	Project - SmartFarmer - IoT Enabled Smart Farming Application
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	Control Devices	To control lights, motor pumps, Gate valves, and light traps using a mobile application and web application.
FR-2	Display the Input by using the Mobile app	To display Temperature, Moisture, and Humidity with help of mobile applications and web applications.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	We can use this app from any where in the world with an internet connection.
NFR-2	Reliability	This app is more reliable because of its availability with both android apps and web applications.
NFR-3	Performance	The app delay is less than 1 second.
NFR-4	Availability	This app is available for all android devices.
NFR-5	Scalability	Good scalability is provided for this app.