PROJECT DESIGN PHASE-II

SOLUTION REQUIREMENTS

Date	2 November 2022
Team ID	PNT2022TMID22894
Project name	Smart Farmer-IoT enabled Smart Farming Application
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	IoT Devices	Sensors and Wifi module.
FR-2	Software	Web UI, Node-red, IBM Watson, MIT app

NON-FUNCTIONAL REQUIREMENTS

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

FR No.	Non-Functional Requirements	Description
NFR-1	Usability	Time consume ability is less, Productivity is high.
NFR-2	Security	It has low level of security features due to integration of sensor data.
NFR-3	Reliability	Accuracy of data and hence it is Reliable.
NFR-4	Performance	Performance is high and highly productive.
NFR-5	Availability	With permitted network connectivity the application is accessible.
NFR-6	Scalability	It is perfectly scalable many new constraints can be added.