Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	11 October 2022
Team ID	PNT2022TMID11072
Project Name	IOT Based Smart Crop Protection 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 Delivery	Product will be delivered to registered addresses before time
FR-4	User Payment	Pay via UPI/Net Banking Pay via Amazon pay later Pay via Debit/Credit/ATM card Pay via cash on delivery
FR-5	User Feedback	Can give feedback at the purchased platform

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Our product usage will be comparatively high in the field areas. It is very usable for further cultivation of crops
NFR-2	**Security**	Our product has the major security, it safeguard the field to utmost level. This makes the crops to be in safer side
NFR-3	**Reliability**	Our product has the secured phase. Its reliability with our customer is purely successive
NFR-4	**Performance**	Its performance will be based on the level of handling it. It provides more options, user can perform it as they want
NFR-5	**Availability**	Our product will be available at each and every phase of marketing
NFR-6	**Scalability**	It emerge as a great solution and a eco friendly in nature