Project Design Phase-II
Solution Requirements (Func5onal & Non-func5onal)

Func5onal Requirements:

Following are the func1onal requirements of the proposed solu1on.

FR No.	Func5onal Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registra1on/Login	Phone Applica1on And Wifi Module.
FR-2	User Permission	User permission for irriga1on via Mobile Applica1on And soSware Web UI Applica1on
FR-3	Log in / App	Check Id / username And Check Roles access.
FR-4	Check whether details	Temperature and Humidity details
FR-5	Log out	Exit

Non-func5onal Requirements:

Following are the non-func1onal requirements of the proposed solu1on.

FR No.	Non-Func5onal Requirement	Descrip5on
NFR-6	Scalability	we can upgrade the Smart farming Applica1on automa1c real 1me decision -making is feasible in an environment composed of dozens of thousand
NFR-1	Usability	User-friendly Interface and learn to ability, efficiency in use, remember ability, lack of errors in
NFR-2	Security	opera1on Sensi1ve and private data must be protected from their produc1on un1l the decision-making and storage stages
NFR-3	Reliability	The shared protec1on achieves a be[er trade-off between costs and reliability. Accuracy of data
NFR-4	Performance	The process of the usage is easy and simple which allows to monitor and control with applica1on's stability and accuracy
NFR-5	Availability	Automa1c adjustment of farming equipment made possible by linking informa1on like crops and weather