

**ProjectDesignPhase-II**  
**SolutionRequirements(Functional&Non-functional)**

Date	2 November 2022
Team ID	PNT2022TMID22879
ProjectName	Project–Smartfarmer-IoTenabledSmartfarming application.
MaximumMarks	4Marks

**FunctionalRequirements:**

Followingarethefunctionalrequirementsoftheproposedsolution.

FR No.	FunctionalRequirement(Epic)	SubRequirement(Story/Sub-Task)
FR-1	IoT devices	SensorsandWifimodule.
FR-2	Software	WebUI,Node-red,IBMWatson,MITapp

**Non-functionalRequirements:**

Followingarethennon-functionalrequirementsoftheproposed solution.

FR No.	Non-FunctionalRequirement	Description
NFR-1	<b>Usability</b>	Timeconsumabilityisless,Productivityishigh.
NFR-2	<b>Security</b>	It haslowlevelofsecurityfeaturesdueto integrationofsensor data.
NFR-3	<b>Reliability</b>	Accuracyofdataandhence itisReliable.
NFR-4	<b>Performance</b>	Performanceishighandhighly productive.
NFR-5	<b>Availability</b>	Withpermittednetworkconnectivitytheapplication is accessible
NFR-6	<b>Scalability</b>	Itisperfectlyscalablemanynewconstraints canbe added