ProjectDesignPhase-II

SolutionRequirements(Functional&Non-functional)

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| Date | 15October2022 |
| TeamID | PNT2022TMID38164 |
| ProjectName | Project–Smartfarmer-IoTenabledSmartfarming  application. |
| MaximumMarks | 4Marks |

# FunctionalRequirements:

Followingarethefunctionalrequirementsoftheproposedsolution.

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

Followingarethenon-functionalrequirementsoftheproposedsolution.

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| **FR No.** | **Non-FunctionalRequirement** | **Description** |
| NFR-1 | **Usability** | Timeconsumabilityisless,Productivityishigh. |
| NFR-2 | **Security** | Ithaslowlevelofsecurityfeaturesdueto  integrationofsensordata. |
| NFR-3 | **Reliability** | Accuracyofdataandhence itisReliable. |
| NFR-4 | **Performance** | Performanceishighandhighlyproductive. |
| NFR-5 | **Availability** | Withpermittednetworkconnectivitytheapplication  is accessible |
| NFR-6 | **Scalability** | Itisperfectlyscalablemanynewconstraintscanbe  added |