

Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	15 October 2022
Team ID	PNT2022TMID25229
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	Data Collecting	Smart farming based IOT Extract Data from Sources
FR-2	Data Supervision and Management	Transform data into proper format Effective Environmental Indicators Performance Evaluation of Proposed system Mobile App for Farming Staffs
FR-3	Feature Selection	Wrapper feature selection approach to analyze the environment indicators, which selects the effective indicators on the farming system

FR-4	Analysis of Agricultural data	Effective environmental indicators
FR-5	Performance evaluation of proposed algorithm	Dashboard For Farming Staffs and Mobile Apps