

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

Date	16 October 2022
Team ID	PNT2022TMID44252
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