

**PROJECT DESIGN PHASE-II**  
**Functional Requirements**  
**(Functional & Non-functional)**

Date	03 October 2022
Team ID	PNT2022TMID50380
Project Name	Project – IOT Based Smart Crop Protection 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	User Registration	Registration through Form Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Use many types of seeds	To grow the crops
FR-4	Growth perfect crop protection	Used sunlight ,irrigation,sand enrichment,natural fertilizers
FR-5	Used more fertilizers	To yields many profits in agriculture

**Non-functional Requirements:**

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	To less hard work,to save time ,to increase more yields
NFR-2	<b>Security</b>	To protect animal attacks
NFR-3	<b>Reliability</b>	To not affect weather conditions
NFR-4	<b>Performance</b>	High level perform
NFR-5	<b>Availability</b>	To decide human trace
NFR-6	<b>Scalability</b>	To produce easy crop maintaining