

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

Date	03 October 2022
Team ID	PNT2022TMID20578
Project Name	Estimate the crop yield using Data Analytics
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 Linked In
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Editing Features	A user must be able to edit the messages after they are sent to correct errors
FR-4	Sign in	Users should be able to login with their google account
FR-5	Password Reset	Users should be allowed to reset their password and receive link to verify email address
FR-6	Audit Tracking	The process of tracking critical data

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	How easy is it for a customer to use the system
NFR-2	<b>Security</b>	System and its data protection
NFR-3	<b>Reliability</b>	How often the System failures, time to fix the issue
NFR-4	<b>Performance</b>	How fast a software system or a particular piece of it responds
NFR-5	<b>Availability</b>	The amount of the residues produced, collected, their present uses and the residues left available
NFR-6	<b>Scalability</b>	Ability to be changed, increased, or expanded in size, efficiency or scale at the time of operational demands