

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

Date	03 October 2022
Team ID	PNT2022TMID42453
Project Name	Estimate of Crop Yield Production 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 LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Objective	Describing what the project does
FR-4	End Result	Defining product features
FR-5	Focus	Focus on user requirements
FR-6	Documentation	Caputred in use case

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Usability is a quality attribute that assesses how easy user interfaces are to use.
NFR-2	<b>Security</b>	It is the state of being or feeling secure; freedom from fear, anxiety, danger, doubt, etc.; state or sense of safety or certainty.
NFR-3	<b>Reliability</b>	It is the quality of being trustworthy or of performing consistently well.
NFR-4	<b>Performance</b>	It is the execution of an action.

NFR-5	<b>Availability</b>	It is the probability that an item will operate satisfactorily at a given point in time when used under stated conditions in an ideal support environment.
NFR-6	<b>Scalability</b>	Scalability is the measure of a system's ability to increase or decrease in performance and cost in response to changes in application and system processing demands.