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

Date	18 November 2022
	PNT2022TMID23562
	Project-Estimate The Crop Yield Using Data Analytics
	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
	User Registration	Registration through Form Registration through Gmail Registration through LinkedIN
	User Confirmation	Confirmation via Email Confirmation via OTP
	Crop Information	Survey reports,graphs
FR4	Crop Yield Estimation	Entering information about crops,weather

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
	Usability	It can be used by farmers or anyone related to growing crops.
	Security	The data given is secure and it is used only to estimate the yield.
	Reliability	The information of the dataset is useful in estimating the crop yield.
	Performance	It predicts the accurate results and provides result faster.
	Availability	Its interface is made in a way that it's available to the users all the time and can fetch results whenever required.
	Scalability	It can be scaled by adding different featured to help the users by letting them know more about crops and the yield.