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

Project title: Estimate the crop yield using Data analytics

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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	Login to Dashboard	Visualizations of crop growth rate
FR-4	Interactive Dashboard	Change the fields of visualizations according to user needs

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Easy to access and use the Dashboard effectively
NFR-2	Security	User login credentials are maintained in a secured manner and restricted to unauthorised access
NFR-3	Reliability	Dataset used are collected from trustworthy sites and it is up-to date
NFR-4	Performance	Higher performance
NFR-5	Availability	Actively available to all sources
NFR-6	Scalability	It is scalable since it has interactive Dashboard