

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

Date	15 October 2022
Team ID	PNT2022TMID25946
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 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	<b>Usability</b>	Easy to access and use the Dashboard effectively
NFR-2	<b>Security</b>	User login credentials are maintained in a secured manner and restricted to unauthorised access
NFR-3	<b>Reliability</b>	Dataset used are collected from trustworthy sites and it is up-to date
NFR-4	<b>Performance</b>	Higher performance
NFR-5	<b>Availability</b>	Actively available to all sources
NFR-6	<b>Scalability</b>	It is scalable since it has interactive Dashboard