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

Team ID	PNT2022TMID19656
Project Name	Project - 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 Signup	Registration through Gmail Registration through IBM
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Data Collection	
FR-4	Data Processing	Data cleaning, removal of noise and obsolete data
FR-5	Visualization Tool	Graphical visualization choices

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Ease of usage along with ease in-access of tools and features
NFR-2	**Security**	Access to resources through two factor authentication and credentials
NFR-3	**Reliability**	There should be no crashes or loss of data or processes
NFR-4	**Performance**	High speed rendering of visualization and other readily available features
NFR-5	**Availability**	Should be available on demand
NFR-6	**Scalability**	Should be able to incorporate as many visualizations and datasets as possible