

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

Team ID	PNT2022TMID09610
Project Name	Project - Estimate the Crop Yield usingData 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 GmailRegistration through IBM
FR-2	User Confirmation	Confirmation via EmailConfirmation via OTP
FR-3	Data Collection	
FR-4	Data Processing	Data cleaning, removal of noise andobsolete 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