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

Date	02-11-2022
Team ID	PNT2022TMID19348
Project Name	Estimate the crop yield using data analytics
Maximum Marks	4 Marks

Functional Requirements:

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Gmail Registration through Phone number
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Data collection	Data collection through various resources,if possible from the farmer for the real time data collection
FR-4	Data processing	Data can be optimized for the required needs.
FR-5	Data visualization	Data can be visualized through Cognos

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	It's user friendly. Everybody who didn't know can easily created.
NFR-2	**Security**	Secured one. This has a verification process.
NFR-3	**Reliability**	100% reliable due to its security reasons.
NFR-4	**Performance**	It has a good performance than other ways like by traditional methods.
NFR-5	**Availability**	Available on everyone's PC, Laptop and It has optimized for the user mobile which is user friendly .
NFR-6	**Scalability**	Able to adapt for any visualization when the data set is high.