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

Date	13October 2022
Team ID	IBM-Project-33601-1660224391
Project Name	Estimation of crop yield
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 SMS Link
FR-2	User Confirmation	Confirmation via SMS Confirmation via OTP

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The features of this dashboard is, all the data which is needed will be displayed in one which is easily understandable. Not other dashboards are required separately.
NFR-2	**Security**	Not all the intruders are allowed to access any particular or whole data from dashboard. Only recognized users can access the resource.
NFR-3	**Reliability**	Either any new Visualization and dashboards are added or erased it won't affect other dashboards. And also the added/erased dashboard will be retrieved soon.
NFR-4	**Performance**	It will be helpful to farmers, Investors, Land owners and Business persons to gain profit in yield.
NFR-5	**Availability**	Precision farming can improve time management, reduce water and chemical use, and produce healthier crops and higher yields.
NFR-6	**Scalability**	It has the high database storage so that the data stored can be viewed and retrieved anytime, anywhere.