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

Date	03 October 2022
Team ID	PNT2022TMID00162
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	Registration	Registration to IBM Cognos & IBM Cloud
FR-2	Visualization	Load the dataset into the IBM Cognos platform and create a demo visualization
FR-3	View the Dashboard	interactive dashboard with the mentioned customization

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	User can view and visualize the data thought the interactive dashboard
NFR-2	**Security**	The IBM Cognos and the IBM Cloud provide the necessary security
NFR-3	**Reliability**	All the data which is displayed in the dashboard and the visualization shown is reliable always
NFR-4	**Performance**	The performance of the interactive dashboard is always stable
NFR-5	**Availability**	All the system resource is available and IBM Cognos platform handles system resource availability
NFR-6	**Scalability**	The software is scalable to any exten because it runs on the IBM Cognos platform.