Functional Requirements

Date	28 OCTOBER 2022
Team ID	PNT2022TMID12429
Project Name	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 Registration	Registration through Form Registration through Gmail
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Data visualization charts	Creating various graphs and charts to highlight the Required insights and visualizations
FR-4	Dataset Requirments	Understanding the dataset and then load it to cloud Platform then build the required visualizations to Provide visual analytical solutions

Non-functional Requirements

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The insights are useful for farmers, Indian government or anyone related to agriculture sector.
NFR-2	Security	The data is securely loaded in IBM cloud platform and also Cognos security is a component of IBM Cognos framework that manages the user access to data.
NFR-3	Performance	Predicts accurate results and also faster.
NFR-4	Availability	The insights are available to users anytime and user can also fetch required results anywhere, anytime.
NFR-5	Scalability	It can be scaled well by adding different features or data and can still get useful insights according to data.