

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

Date	03 October 2022
Team ID	PNT2022TMID05476
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	Dataset	Download the dataset from the Kaggle website
FR-2	Data manipulation	Handle the data
FR-3	Data processing	Filter the raw data
FR-4	Analysing the data	Illustrate and evaluate the data

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Model provides user friendly insights
NFR-2	<b>Security</b>	More secure environment and provide insights
NFR-3	<b>Reliability</b>	The model provides good accuracy
NFR-4	<b>Performance</b>	Model will achieve high accuracy with good potential
NFR-5	<b>Availability</b>	Build model is available all the time and active
NFR-6	<b>Scalability</b>	Model will meet the performance requirement