

## Project Design Phase-II

### Solution Requirements (Functional & Non-functional)

Date	03 October 2022
Team ID	PNT2022TMID36477
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 Requirements (Epic)	Sub Requirement (Story / Sub-Task)
FR-1.	Fertilizing frame service	Documentation requirements and assisting information
FR-2.	Technology assessment service	Assisting information
FR-3.	Feature assessment service	Update technical information and machinery selection
FR-4.	Information acquisition service	Assisting information about fertilizing rules
FR-5.	Farm and idled customizing service	Potential data acquisitional service, required fertilizer types and rough amount
FR-6.	Work procedure customizing service	Specific work-related options

#### Non-functional Requirements:

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

NFR. No	Non-Functional Requirements	Description
NFR-1	Usability	Usability is a non-functional requirement because in its essence it doesn't specify parts of the system
NFR-2	Security	Assures all types of crops inside the form or its fertilizers will be protected against spoiling the plants
NFR-3	Reliability	Specifies the probability of the soil performance without failure for a specific seasonal product or amount of product
NFR-4	Performance	Deals with the measure of the product response time under different climate condition
NFR-5	Availability	Describe how likely the soil is capable for a production at a given value at a time
NFR-6	Scalability	Assesses the highest production under which the soil land will still maintaining the perfect growth of the plants