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

Date	20 oct 2023
Team ID	
Project Name	Project –Agriculture Docs Chain

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Data collection	Define how data is collected,whether through manual entry, sensors,or other methods.
FR-2	Data storage	Specify where and how data will be stored,such as in a database or cloud platform.
FR-3	Data processing	Describe the steps for data processing and analysis,including algorithms and software tools.

Non-Functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Describe user experience expectations,such as "The system should have an intuitive user interface".
NFR-2	**Security**	Specify security measures like data encryption, access control,and authentication requirements,eg.,"Data must be encrypted both in transit and at rest".
NFR-3	**Reliability**	Determine the systems uptime requirement, such as "The system should be available 99.9% of the time ".
NFR4	**Performance**	Specify how quickly documents should be retrieved or updated within the chain .For example,"Documents should be retrievable within 2 seconds".

NFR-5	Auditability	Ensure the ability to track changes and access to track changes and access to documents,like "The system should maintain an audit log of all documents changes".
NFR-6	**Scalability**	Define how the system should handle an increasing number of documents or users.For instance, "The system should support a minimum of 10,000 documents and 100 concurrent users".