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

Date	1 March 2025
Team ID	PNT2025TMID03008
Project Name	Global food production trenads and analysis a comprehensive study from 1961 to 2023 using power BI
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 Registration through LinkedIN
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Formed groups	Formed 4 members of groups
FR-4	Working and completion of project	Worked done and completed in team

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The system should provide a user-friendly interface that caters to users with varying levels of technical expertise. For example, non-technical users (e.g., policymakers, farmers) should be able to interact with the system easily without requiring extensive training.
NFR-2	**Security**	All sensitive data, especially related to agricultural production and market prices, should be encrypted both at rest and in transit to ensure data confidentiality and integrity.
NFR-3	**Reliability**	The system must maintain consistency in its analysis and reporting, ensuring that data is processed correctly and that reports are accurate across different regions and time periods.

NFR-4	Performance	
NFR-5	Availability	
NFR-6	Scalability	