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

Date	20 oct 2023
Team ID	
Project Name	Project –FOOD TRACKING SYSTEM

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Remix IDE	generally refer to the specific dependencies and configurations needed for your smart contract development.
FR-2	Visual code	The condition should be a boolean expression, and the "Error message" will be displayed if the condition evaluates to false.
FR-3	Metamask extension	Metamask is a popular browser extension for managing Ethereum wallets and interacting with decentralized applications

Non-Functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The user interface should be intuitive and user-friendly, ensuring that users of all technical levels can use the system effectively
NFR-2	Security	Data must be securely stored and transmitted, and user accounts and information should be protected from unauthorized access
NFR-3	Reliability	The system should be available and operational 24/7, with minimal downtime for maintenance
NFR-4	Performance	The system should respond quickly to user interactions, with minimal latency when adding, editing, or retrieving food data.

NFR-5	**Availability**	Mobile-based food tracking apps are generally available as long as the user's device is operational. However, the app's availability is contingent on the user's device functioning correctly and having an active internet connection if data synchronization is required.
NFR-6	**Scalability**	The system should be able to handle a growing number of users and data without a significant drop in performance.