

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Team ID	PNT2022TMID06981
Project Name	Nutrition Assistant Application

Functional Requirements:

Functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration with email and password
FR-2	User Confirmation	Confirmation via Email
FR-3	User Profile Completion	Fetch personal details such as weight, height etc.,
FR-4	Gather meal image	Upload photo from gallery or take photo of the food and upload it on the website
FR-5	Display calorie information	Use Clarifai API to get the food details and display calorie information

Non-functional Requirements:

Non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Better user friendly interface for user excitement of using the application.
NFR-2	Security	Strong authorization and authentication scheme for accessing user information
NFR-3	Reliability	The system ensure the no compromises over user available info on database.
NFR-4	Performance	Responsiveness should be primary concern while many users actively using the application at the same time.
NFR-5	Availability	Service should be available 24/7
NFR-6	Scalability	Provides better scaling for higher workloads