

Solution Requirements

Team ID	PNT2022TMID07401
Project Name	Nutrition Assistant Application

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
1	User Registration	Registration through E-mail and Phone number
2	User Confirmation	Confirmation via Email Confirmation via OTP
3	User Profile Completion	Get personal details.
4	Gather meal image	Upload photo Take live photo of the meal
5	Display calorie information	Integrate Clarifai API to get name of the food Integrate Nutrition API (rapid API) to collect calorie information

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
1	Usability	Provide user friendly UI Simple and intuitive design
2	Security	Comprehensive authorization and authentication scheme for each system actor
3	Reliability	The system must perform without failure in 95 percent of use cases
4	Performance	The landing page supporting several users must provide 5 seconds or less response time
5	Availability	Uninterrupted services must be available all time except the time of server updating.
6	Scalability	Provide horizontal or vertical scaling for higher workloads