

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

Date	03 October 2022
Team ID	PNT2022TMID45161
Project Name	Project – NUTRITION ASSISTANT APPLICATION
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
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User profile completion	Get personal details like weight,height,ect
FR-4	Gathering food	Upload photo or take live photo of the meal
FR-5	Scanning and retrieving	Scanning the real time image of food Retrieves the food details from the stored data.
FR-6	Display calorie information	Integrate and get name of the food integrate nutrition API (rapid API) to collect calorie info.

Non-functional Requirements:

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

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