

Project Design Phase – II

Solution Requirement(Functional and Non-functional)

DATE	10 th November 2022
TEAM ID	PNT2022TMID53656
PROJECT NAME	Nutrition Assistant Application
MAXIMUM MARKS	4 Marks

Functional Requirements :

FR No.	Functional Requirement(EPIC)	Sub requirement(Sub-Task)
FR-1	User registration	Registration through email
FR-2	User confirmation	Login using email and password
FR-3	Meal image	Take live photo of the food or upload image of the food
FR-4	Display nutrition contents	Integrate Clarifai API to get name of the food and integrate nutrition API to get nutritional values of that food

Non-functional Requirements :

FR No.	Non-Functional Requirements	Description
NFR-1	Usability	Provide User friendly UI, Simple and intuitive design.
NFR-2	Security	Authorization and authentication scheme for each system actor
NFR-3	Reliability	System must perform without failure in 95

		percent of use cases.
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 and vertical scaling for higher workloads.