

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

Date	12 October 2022
Team ID	PNT2022TMID48368
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	Calorie counter	Calculate the calories through capturing the food image
FR-4	Daily Tips	Give healthy tips through notification
FR-5	Allergy identifier	Identify the allergy ingredient in the food through Capturing the image of food

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	User friendly with dashboard system
NFR-2	<b>Security</b>	Unique ID and password provided. Assures all the data inside the system will be protected against malware attacks or unauthorized access
NFR-3	<b>Reliability</b>	Error data tolerance and fault prevention
NFR-4	<b>Performance</b>	Responsive web Application Speed of performance. This application supporting 1,000 users per hour must provide 6 seconds or less response time in a desktop browser, including the rendering of text and images
NFR-5	<b>Availability</b>	Available on google play store, IOS App store. The web dashboard must be available to user's 99.9 percent of the time. Users can access every time.
NFR-6	<b>Scalability</b>	Allows You to access over 365,000 recipes 86,000 Food products. The application must be scalable enough to support 10,000 visits at the same time while maintaining optimal performance.