

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

Date	20 October 2022
Team ID	PNT2022TMID32825
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	Uploading Image	The application should be able to get the image from the user.
FR-4	Identification of image	The application should be able to identify the image of the food.
FR-5	Display the nutritional value	The application must be able to display the nutritional value of the food.
FR-6	Proper diet chart	Add health details to make a proper diet chart.
FR-7	Use recommended food	Consume the food recommended by the application to maintain a healthy lifestyle.

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	The web app helps to know the nutritional value present in the food by classifying the input image of the food.
NFR-2	<b>Security</b>	This web app secure the user information from unauthorized access, modification or destruction in order to provide integrity, confidentiality and availability.
NFR-3	<b>Reliability</b>	This application operates without failure while in a specified environment.
NFR-4	<b>Performance</b>	Provide a relevant food analysis and the best diet plan, directing the user to follow a healthy diet.
NFR-5	<b>Availability</b>	To make sure that the application is easily available and ready to use for the users.
NFR-6	<b>Scalability</b>	The measure of the application's ability to increase or decrease in performance. It possess enough data consistency to handle a growing number of users.