

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

Date	03 October 2022
Team ID	PNT2022TMID17984
Project Name	Nutritional 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.
FR-2	User Confirmation	Confirmation via Retyping the password.
FR-3	Uploading Image	The system should able to get the image from the user.
FR-4	Identification of image	The system should able to identify the image of the food given using AI Driven model.
FR-5	Obtain the ingredients	The system must able to obtain the ingredients of the given food image.
FR-6	Display the nutritional value	The system must able to display the nutritional value of the food with the help of nutritional API.

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Only registered user is allowed to use the application.
NFR-2	<b>Security</b>	Authentication of user is done for security purpose.
NFR-3	<b>Reliability</b>	The user gets the standard nutritional value of the given food.
NFR-4	<b>Performance</b>	User satisfaction is ensured by getting their feedback.
NFR-5	<b>Availability</b>	This application can be used by the user when they are in online.
NFR-6	<b>Scalability</b>	This application can be used in all operating system and it can handle quite large number of users too.