

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

Date	03 October 2022
Team ID	PNT2022TMID02484
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 email.
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Getting input food images	Getting access to user's camera and gallery app for uploading the food images in web application.
FR-4	Nutrition summary of input food images	Displaying the nutrition of input food images.
FR-5	Food History	Food history must be remembered for 45 days.
FR-6	Diet plan	It should suggest a diet plan from the nutritional data of past 1 week food data.

**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 interface should be flexible and friendly so that it should attract users.
NFR-2	<b>Security</b>	It is achieved by having individual user's profile with strong password and should be verified by using OTP in given user e-mail account.
NFR-3	<b>Reliability</b>	The user can reliable on our websites since security is synced with their respective e-mail accounts.
NFR-4	<b>Performance</b>	The webpage should be responsive to real time operations.
NFR-5	<b>Availability</b>	24×7 working website and customer care for queries.
NFR-6	<b>Scalability</b>	The database should be well equipped for large number of loads of user's information and performance should not be compromised.