

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

Date	10-10-2022
Team Id	PNT2022TMID11404
Project Name	Nutrition Assistant Application
Maximum marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement	Sub Requirement
FR-1	User Registration	☆ Registration through Form ☆ Registration through Gmail ☆ Registration through Facebook
FR-2	User Confirmation	☆ Confirmation via Email ☆ Confirmation via OTP
FR-3	User Login	☆ Login with Username ☆ Login with Password
FR-4	User Profile Update	☆ Update User's Name ☆ Update Portrait Photograph ☆ Update Date of Birth
FR-5	Uploading Food image	☆ Upload from Gallery ☆ Capture using Camera
FR-6	Enter Food name	☆ Type the name of the food
FR-7	Result	☆ Download Result ☆ Share Result through Social media
FR-8	Ratings and Reviews	☆ Share the experiences ☆ Provide Feedback

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	☆ Accessible through INTERNET
NFR-2	Security	☆ Secure through unique Username and Password
NFR-3	Reliability	☆ Accurate result ☆ User friendly
NFR-4	Performance	☆ Using Standard algorithm to get faster and accurate results ☆ Clarifai's AI-Driven Food Detection Model is used
NFR-5	Availability	☆ Availabe for 24/7
NFR-6	Scalability	☆ It can be accessed by a greater number of users at the same time without any compromise in the performance.