

PROJECT DESIGN PHASE-II

Solution Requirements (Functional & Non-functional)

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Team id : PNT2022TMID03158

Project Name Nutrition Assistant Application

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	<ul style="list-style-type: none">● Registration through Mobile Number.● Registration through Gmail.
FR-2	User Confirmation	<ul style="list-style-type: none">● Confirmation via OTP through Email.● Confirmation via OTP through Mobile Number.● Confirmation via Retyping the password.
FR-3	User Login	<ul style="list-style-type: none">● Login with username and password.
FR-4	Food Detection	<ul style="list-style-type: none">● Scanning the food by using Clarifai's AI-Driven Food Detection Model.

FR-5	Display	<ul style="list-style-type: none">• The system display the nutritional value of the food with the help of nutritional API.
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FR-6	Updates	<ul style="list-style-type: none"> • The latest updates will be display by Virtual Assistant so the user can easily familiarize themselves with the new services and policies. • Notification message is send to user for new updates.
FR-7	Review	<ul style="list-style-type: none"> • User feedback and Rating

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	<ul style="list-style-type: none"> • It is a user-friendly application which tracks calories and nutritional value by just scanning the image of the food. • Only registered user is able to track the calories.
NFR-2	Security	<ul style="list-style-type: none"> • Authentication and two step verification is done for security. • Security for each and every user will be the first priority.
NFR-3	Reliability	<ul style="list-style-type: none"> • The user gets the standard nutritional value of the given food. • Provides consistent updates as per the customers feedback.

NFR-4	Availability	<ul style="list-style-type: none"> • This application is easily accessible because user needs only a smartphone with a good network connection. • We can use this application anytime at anywhere. • These apps offer diet and fitness tracking.
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Non-functional Requirements:

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

NFR-5	Performance	<ul style="list-style-type: none">• Provision of best diet plan which makes the user to maintain a healthy weight.• User satisfaction is ensured by getting their feedback.
NFR-6	Scalability	<ul style="list-style-type: none">• This app can be updated in future as per the users feedback.