

Project Design Phase-II
Solution Requirements (Functional)

Date	13 October 2022
Team ID	PNT2022TMID26023
Project Name	AI-powered Nutrition Analyzer for Fitness Enthusiasts
Maximum Marks	4 Marks

Functional Requirements:

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Gmail Registration through Phone Number
FR-2	User Confirmation	Confirmation via Verification Code Confirmation via OTP
FR-3	User Login	Input data: E-mail id or phone number and password. Processing step: User can now login in the app. Output Data: The user can use the application and get to home screen.
FR-4	Choose Package	Input data: Name, features, duration of the package, offers. Processing step: The user will select the desired package. Output Data: Proceed to payment gateway.
FR-5	Payment	Input data: Credit card number, month, year, CVV, amount. Processing step: The payment has to be made for the selected package. Output data: Status of package and confirmation message
FR-6	Generate the daily plan	Input data: Day of the week. Processing step: Suitable diet and exercise plan will be predicted for the user. Output Data: Diet and exercise plan will be provided to the user.
FR-7	Manage progress report	Input data: Weight, height, working hours, eating habits, medical history Processing step: Gathering information from database and generating report Output Data: Progress report.

FR-8	Query	<p>Input data: User query.</p> <p>Processing step: The user can ask for changes in plan.</p> <p>Output Data: Updated plan.</p>
FR-9	Update the details	<p>Input data: Height, weight, working hours, eating habits, medical history.</p> <p>Processing step: The details will be updated in the database.</p> <p>Output data: Updated details of the user.</p>
FR-10	Feedback	<p>Input data: Reviews/suggestions.</p> <p>Processing step: Storing in the corresponding database.</p> <p>Output data: Feedback submitted.</p>