Project Design Phase-II
Solution Requirements (Functional)

Date	13 October 2022
Team ID	PNT2022TMID22479
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**: Height, weight, working hours, eating habits, medical history **Processing step**: Gathering information from database and generating report **Output Data**: Progress report.

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