

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

Date	1 7 October 2022
Team ID	PNT2022TMID39808
Project Name	Ai powered nutrition fitness for enthusiast
Maximum Marks	4 Marks

Functional Requirements:

The following are the functional requirements of the proposed solution :

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	<ul style="list-style-type: none">• Registration through Form• Registration through Gmail
FR-2	User Confirmation	<ul style="list-style-type: none">• Confirmation via Email• Confirmation via OTP
FR-3	Live chat - ChatBot	<ul style="list-style-type: none">• User recommendations can be made by the chatbot depending on their interests.• It may advertise the day's top specials and promotions.• It will keep a database of the customer's information and orders.• If the order is accepted, the chatbot will notify the customers.• Additionally, chatbots can be used to gather customer feedback.• users make online purchases on smartphones
FR-4	The flow of orders and check out	<ul style="list-style-type: none">• confirmed• processing• shipped• returned.
FR-5	Mobile friendliness	<ul style="list-style-type: none">• Nowadays, a much larger percentage of Internet Order statuses are displayed on the website: and tablets than they do on laptops and desktop computers.• Because of this, mobile-first design, a more sophisticated adaptive design alternative, continues to grow especially popular.
FR-6	Unique, Recognizable design	<ul style="list-style-type: none">• The Online shopping website has a unique,

Non-functional Requirements:

The following are the non-functional requirements of the proposed solution :

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	<p>SEO, if people search on google for a product you offer it should be on the first page of result.</p> <ul style="list-style-type: none">• Easy navigation - The user can speak with the chatbot directly about the products.• product page optimization• good quality images that will attract buyers• Better Shopping cart• Enhance Payment site speed
NFR-2	Security	<ul style="list-style-type: none">• Authentication and password management• Accountability - To authorize and monitor the use anonymous accounts and to remove• Confidentiality - Protect the user private information to prevent unauthorized access
NFR-3	Reliability	<ul style="list-style-type: none">• Focusing on the Mediating Effect of Perceived Intelligence and Positive Cognition
NFR-4	Performance	<ul style="list-style-type: none">• Speed up the webpage• Site optimization based on data analysis.• Strong SEO presence online.• Good use of the product description.• Comments and ratings
NFR-5	Availability	<ul style="list-style-type: none">• The administrator needs to look up the stock availability in the database.
NFR-6	Scalability	<ul style="list-style-type: none">• To expand your server capacity, memory, or disc space so that more people may transact on your website.• While expanding into new markets, the server side needs to add localization.• Chatbots to provide scalable customer support• Home page call to action-