

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

Date	1 7 October 2022
Team ID	PNT2022TMID39826
Project Name	Real-Time Communication System Powered by AI for Specially Abled
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,
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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 • 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, or disc space so that more people may transact on your website. • While expanding into new markets, server side needs to add localization. • Chatbots to provide scalable customer support • Home page call to action-

analysis.

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