

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	07.10.2022
Team ID	PNT2022TMID32142
Project Name	SMART FASHION RECOMMENDER APPLICATION
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration / Sign up	Registration through Form Registration through Gmail Registration through LinkedIn
FR-2	User Verification	Confirmation via Email Confirmation via OTP
FR-3	Sign In / Login	Login by using Mobile Number or Email
FR-4	Profile Details	Update the Information about Customer Example :- <ul style="list-style-type: none"> • Name • Gender • Age • Mobile number • Address
FR-5	Chatbot (Watson Assistant)	Get the Information about <ul style="list-style-type: none"> • Search Products • View Offers • Discounts • Stock Availability • User Personal Information (FR-4)
FR-6	Advance Search Capabilities	Sorting and filtering options
FR-7	Shopping Cart	My Cart Button Add-To-Cart-Button Remove-From-Cart-Button
FR-8	Checking Item Availability	Item Availability in rural and urban Locations
FR-9	Checking The Shipping Status / Tracking The Order Product	Easily Checking Status availability of ordered Items
FR-10	Logout	After the Purchase, user can Logout Or close the application When customer needs.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The application will be designed for making Good HUMAN – COMPUTER Interaction in such a way, <ul style="list-style-type: none">▪ Any user can easily navigate▪ User Can easily View and understandable▪ Comfort while making Place order▪ Comfort with tracking facilities▪ Easy and Compact design These all are about to achieve a defined goal Effectively, Efficiently and Satisfactorily.
NFR-2	Security	The application will be Using of “Secure Socket Layer” (SSL) Certificate will provide a More security of the Project and This process will happen while Python Flask to Cloud Connect. This makes user private Information like Baking, Shipping/Home address, email, Phone number etc., will be kept as more secure.
NFR-3	Reliability	Ability of software to perform critical tasks like Collection and Securing customer Data, Providing Gateway Payment to function correctly in a given Environment, for a Particular amount of time.
NFR-4	Performance	It Focus on the loading application as quickly as possible irrespective of the number of user traffic.
NFR-5	Availability	The Application will be Available to all users at any given point of time. User can access the chatbot for raising any queries.
NFR-6	Scalability	Chatbot can be very useful during festival season to know about offers and discounts. It will be helpful whenever we make online shopping.

SUBMITTED BY

TEAM ID - PNT2022TMID32142

TEAM LEADER - T.GOKULSANKAR

TEAM MEMBER 1 - C.ALOK

TEAM MEMBER 2 - V.VIDHYA

TEAM MEMBER 3 - A.GUHAN SHANMUGAM