

Project Design Phase-2

Solution Requirements(Functional & Non-Functional)

Team ID : PNT2022TMID52244

Project Name : Smart Fashion Recommender Application

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Sign Up	Registration by using Gmail or mobile number.
FR-2	User Verification	<ol style="list-style-type: none">1. Verify via Email2. Verify Via OTP
FR-3	Login	Login by using Username/Password
FR-4	Profile Updation	Update the profile details like Gender, Age, Mobile number, Email etc..
FR-5	Live chat - ChatBot	<ol style="list-style-type: none">1. User recommendations can be made by the chatbot depending on their interests.2. It is use to search products, offers, stocks.3. It will keep a database of the customer's information and orders.4. If the order is accepted, the chatbot will notify the customers.5. Additionally, chatbots can be used to gather customer feedback.
FR-6	Checking item availability	Item availability in specific locations

FR-7	Shopping cart	My cart button , Add-to-cart button , Remove-from-cart button.
FR-8	Super-fast checkout	<ol style="list-style-type: none"> 1. Online transfer, 2. Credit card payment, 3. Paying with mobile wallets
FR-9	Checking the shipping status	Option to easily check the shipping status of items ordered in the store.
FR-10	Logout	After Receiving the product the user can logout when he/she 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 in such a way that any user can easily navigate through it and user can easily view , order and track the product until delivery.(Easy and Compact design.)
NFR-2	Security	Using of SSL (Secure Socket Layer) certificate (Python Flask to Cloud connect) will provide security to the project. The user details will be kept as more secure
NFR-3	Reliability	To make sure the application doesn't go down due to network traffic and the details entered in this application is kept as highly confidential, so it is highly reliable.
NFR-4	Performance	It focus on loading the application as quickly as possible irrespective of the number of users/integrator traffic.
NFR-5	Availability	This application will be available to all users (network connectivity is necessary) at any given point of time. Users can access the chatbot for raising any queries/ questions.

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
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