

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

Date	11 October 2022
Team ID	PNT2022TMID01360
Project Name	Smart Fashion Recommender Application
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	Registration	The procedure of registering involves having the user fill out the application's form. The submission of certain information is required, including the e-mail address, password, and password confirmation. These specifics allow for user identification.
FR-2	Login	The login screen is used to confirm the user's identification. The registered email address and password of the user are required to access the account.
FR-3	Live chat – Chat Bot	<ul style="list-style-type: none"> <li>• User recommendations can be made by the chatbot depending on their interests.</li> <li>• It may advertise the day's top specials and promotions.</li> <li>• It will keep a database of the customer's information and orders.</li> <li>• If the order is accepted, the chatbot will notify the customers.</li> <li>• Additionally, chatbots can be used to gather customer feedback.</li> </ul>
FR-4	The flow of orders and check out	Order statuses are displayed on the website: <ul style="list-style-type: none"> <li>• confirmed</li> <li>• processing</li> <li>• shipped</li> <li>• returned.</li> </ul>
FR-5	Mobile friendliness	<ul style="list-style-type: none"> <li>• Nowadays, a much larger percentage of Internet users make online purchases on smartphones and tablets than they do on laptops and desktop computers.</li> <li>• Because of this, mobile-first design, a more sophisticated adaptive design alternative, continues to grow especially popular.</li> </ul>
FR-6	Unique, Recognizable design	<ul style="list-style-type: none"> <li>• The Online shopping website has a unique, authentic design.</li> </ul>

### Non-functional Requirements:

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

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