

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

Date	03 October 2022
Team ID	PNT2022TMID46354
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	Registration through Form Registration through Gmail Registration through Linked IN
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Interaction	For new collection recommended products are available by interacting through chatbot.
FR-4	Buying Products	User can add to 'My Wishlist' if liked the products and if confirmed to buy the products can be added 'Add to My Cart'.
FR-5	Payment process	User can buy the products by selecting the size and make payment process either using 'online payment' having various options or 'cash on delivery' payment method also available.
FR-6	Return/Exchange products	Ask the chatbot to track the product to return or exchange the product for the defective product.

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	A customer should easily find the right product for them, understand what problems it solves, and make a purchase with recommendation system by using chatbot using <b>Android or IOS or Windows application</b>
NFR-2	<b>Security</b>	Only the system data administrator can assign roles and change access permission to the system and data can be <b>stored securely in IBM cloud</b> . The website must be resilient to any kind of attacks, includes DDoS and XSS attacks
NFR-3	<b>Reliability</b>	The <b>Quality of service are trusted is reliable</b> and a confidence level is computed for ratings produced from user's reviews, it increases production accuracy and user satisfaction
NFR-4	<b>Performance</b>	The website's homepage should <b>load in less than 4 seconds</b> on your devices. It provides smooth user experience.
NFR-5	<b>Availability</b>	Mainly the services will be <b>available for works on 24/7</b> .
NFR-6	<b>Scalability</b>	Our main goal as for now, for future is internationalization, so the website shall have multiple store views for each country we're selling to and in <b>easy scalable size</b> for both user and the products