

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

Date	13 October 2022
Team ID	PNT2022TMID38770
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	<ul style="list-style-type: none"><li>✓ Registration through Form</li><li>✓ Registration through Gmail</li></ul>
FR-2	User Confirmation	<ul style="list-style-type: none"><li>✓ Confirmation via Email</li><li>✓ Confirmation via OTP</li></ul>
FR-3	Chatbot	<ul style="list-style-type: none"><li>✓ To recommend products depending on the user interests</li><li>✓ Notify the user about their order placement and payment</li><li>✓ To collect feedback from customer</li><li>✓ Advertise about offers</li></ul>
FR-4	Orders	To display the status of orders placed, <ul style="list-style-type: none"><li>✓ Added to cart</li><li>✓ Confirmed</li><li>✓ Processing</li><li>✓ Shipping</li><li>✓ Date of return</li></ul>
FR-5	Payment	<ul style="list-style-type: none"><li>✓ To make available various payment options to user</li><li>✓ Generate an online payment statement to make user viewable</li></ul>

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	✓ User-friendly web application ✓ Navigation is made easier by enabling chatbot
NFR-2	<b>Security</b>	✓ The user is verified and confirmed about registration ✓ Account details provided are secure
NFR-3	<b>Reliability</b>	✓ Focusing on the data collection and storing of data
NFR-4	<b>Performance</b>	✓ Minimized shopping time ✓ Minimization of navigation ✓ Effective chatbot – human interaction
NFR-5	<b>Availability</b>	✓ 24 x 7 customer service by chatbot ✓ Need to check the stock availability in database
NFR-6	<b>Scalability</b>	✓ To expand memory space, server capacity so that more people can make purchase and transaction over website