

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

Date	16 October 2022
Team ID	PNT2022TMID35310
Project Name	Project – 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	For creating account for the user, user would be rendered a form to fill in their details.
FR-2	User confirmation	Confirming the user's identity using confirmation mail to registered email or via OTP to registered phone number.
FR-3	Sign in	Signing into their account
FR-4	Default options	The chat box will be having few default options like search an item, show offers, etc.
FR-5	Map	Shows the currently ordered item status like location.
FR-6	Bot	Takes care of ordering, processing the user chat into action with a confirmation with user.
FR-7	Choice viewer	Shows the filtered images for the user given design and choices for a particular product in image format.
FR-8	Payment	Dealing with the payment for products in orders.
FR-9	Feedback	To process the feedback and coordinate with producers or services.

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Compact, fast and easy to use through simple chats, rather than confusing navigation tabs.
NFR-2	<b>Security</b>	The user purchase and order details will be secure with encryption.
NFR-3	<b>Reliability</b>	Databases use ACID properties so no problem in atomicity of transactions while buying or returning products.
NFR-4	<b>Performance</b>	High performance, ability to run large concurrent activities.
NFR-5	<b>Availability</b>	Available all times, when one node (datastore) is not available, another node has the required data.
NFR-6	<b>Scalability</b>	Highly scalable as more user and data included just need to extend with more nodes rather than increasing the computation of systems.