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

Date	15 October 2022
Team ID	PNT2022TMID39615
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	**User Registration**	Registration through Form Registration through Gmail
FR-2	**User Confirmation**	Confirmation via Email Confirmation via OTP
FR-3	**Product Master**	It includes the information of the products, item no, size, categories etc.
FR-4	**Mobile Friendliness**	An analytic tool to study the audience and inquire about their devices. Know the position of essential buttons and options on the webpages, change them accordingly for a better experience.
FR-5	**Price Master**	Only for the price of the products and applicable discount of the products.
FR-6	**Transaction**	It is a payment method in which the transfer of money of buying products. This process is secure and password protected.
FR-7	**Reporting**	After ordering for the product, the system will send one copy of the bill to the customer's Email-address and another one for the system data base.
FR-8	**Delivery Report**	List of the products that can be delivered to the customer.
FR-9	**Changes to cart**	Changes to cart means the customer after login or registration can make order or cancel order of the product from the shopping cart.
FR-10	**Payment**	In this system we are dealing the mode of payment by cash. We will extend this to credit card, debit card etc. in the future.
FR-11	**Interface aspects**	Simulates and processes human conversation (either spoken or written), allowing humans to interact with digital devices as if they were communicating with a real person.
FR-12	**Logout**	After ordering or surfing for the product customer has to logout.

NON-FUNCTIONAL REQUIREMENTS:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Usability encapsulates the user experience. Essentially, it means the ease with which a visitor to the site can interact with it. If a site has strong usability, it provides an experience that is more comfortable and straightforward for its users to navigate.
NFR-2	**Security**	Security comes with utmost importance if a site is dealing with monetary transactions, users' financial and sensitive data. Privacy – The control over one's personal data. Security – The attempted access to data by unauthorized others.
NFR-3	**Maintainability**	Thriving the website maintenance from the initial development means cutting the time & cost to determine and resolve the faults of the system in the future
NFR-4	**Performance**	The focus is on loading the e-commerce store as fast as possible regardless of the number of integrations and traffic on the website.
NFR-5	**Availability**	It's available for 24x7 hours and in any browsers.
NFR-6	**Scalability**	It will define how the website can grow and increase its features and functionality without impacting the performance of the website.