

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

Date	12 <sup>th</sup> October 2022
Team ID	PNT2022TMID25979
Project Name	Project – Project Design Phase -2 Functional Requirement
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 LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Sign Up /Sign In	User Name/ Gmail Password
FR-4	Third Party Integration	System Streamlining Business Operation (ERP,CRM,PIM) flexible Payment Gateway
FR-5	Mobile Friendliness	Checkout Button Within Your Customers Thumbs Reach Mobile Responsive Feature Of Website Can Earn Profit Loyal Customers Of Comfort Shopping
FR-6	Product Attributes	Size, Dress Length, Quantity ,Colour Product Description, Add to Cart, Add to Favourites
FR-7	Order and Check Out Flow	Conformation Of The Product, Processing Of The product. Shipping Of The Product, Replacement/Return Of The Product. Discount Policy, Promo Code, Free Subscription
FR-8	Social Sharing	Share Products, Blog Posts, Review Product Share Info Product On Google, Instagram, Pinterest, LinkedIn, Facebook

## Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	The website to be intuitive and easy-to-use. It takes about 0.05 seconds for users to figure out if your website is worth their time and attention. So you'll definitely want to work on your homepage design, calls-to-action, and easy checkout to get past those milliseconds of doom
NFR-2	<b>Security</b>	Security is paramount while dealing with monetary transactions and sensitive data. A simple SSL certification and data privacy policy will instill trust into your website and convert the customers into your brand advocates. It is also about different admin roles allowing you to control who can create, see, copy, change, or delete information. Depending on your business location, security also means complying with the customer data protection rules
NFR-3	<b>Reliability</b>	Technology that is highly reliable functions with the same or similar efficiency after extensive use. Here are three ways you can assess a device's reliability: <ul style="list-style-type: none"><li>• Percentage of the probability of failure</li><li>• Number of critical failures</li><li>• Time between critical failures</li></ul>
NFR-4	<b>Performance</b>	If your goal is increasing your website traffic, performance should be the priority NFR in your specification document. This NFR is often found in briefs from large enterprises or websites with legacy architecture: they want their e-stores to load fast no matter the number of integrations and sales seasons. Set up the speed benchmark, a maximum number of SKUs to be added, or any other performance indicator suitable to your business. Don't include third-party system delivery time, though; your developers can't do much if a certain business operation depends on an API call to another database
NFR-5	<b>Availability</b>	Availability requirements specify at what times the system must be available, what are the uptime expectations, as well as how the system behaves should any of the ancillary systems become unavailable.

NFR-6	<b>Scalability</b>	<p>This requirement defines how the website can grow and expand its functionality without affecting its performance. You should be able to add more memory, servers, or disc space to complete more transactions on your website. On the server-side, you might want to add localization features in case you plan to enter new markets and sell products, internationally. Overall, this NFR accounts for painless business expansion and has both hardware and software implications.</p>