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

Date	03 October 2022
Team ID	PNT2022TMID37964
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	Registration through Form Registration through Gmail Registration through LinkedIN
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Authentication	Contains the unique user identifier of the user who signed in.
FR-4	External interfaces	Define the hardware, software, or database elements with which a system or component must interact.
FR-5	Reporting	Indicates the required license capacity (in MSUs) of each sub-capacity eligible product running on the z/OS, z/TPF, or z/VSE systems.
FR-6	Prototypes	Requirements gathering and analysis.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	NFRs are a set of specifications that describe the system's operation capabilities and constraints and attempt to improve its functionality. These are basically the requirements that outline how well it will operate including things like speed, security, reliability, data integrity, etc.
NFR-2	Security	Security is a non-functional requirement assuring all data inside the system or its part will be protected against malware attacks or unauthorized access.

NFR-3	Reliability	Nonfunctional requirements are mostly quality-related requirements which include the areas of performance, availability, reliability, usability, flexibility, configurability, integration, maintainability, portability, and testability.
NFR-4	Performance	Emails should be sent with a latency of no greater than 12 hours.
NFR-5	Availability	System performance is the most important quality in non-functional requirements and affects almost all the other preceding ones. Furthermore, reliability, availability, and maintainability (RAM) features fall exclusively under these requirements
NFR-6	Scalability	Non-functional Requirements capture conditions that do not directly relate to the behavior or functionality of the solution, but rather describe environmental conditions under which the solution must remain effective or qualities that the systems must have. They are also known as quality or supplementary requirements