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

Date	15th October 2022
Team ID	PNT2022TMID04526
Project Name	Project – Cloud based Web Application for Inventory Management
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	Statistical Data	The Statistical data about the products in the inventory are displayed in the application.
FR-4	Updating the product data	The product data is updated regularly when stock is bought are moved out.
FR-5	Notification	When the product ran out or overflowing an email will be sent to the admin asap.
FR-6	Searching/reporting requirements	Users can look up information about the product availability in the Inventory
FR-7	Virtual Assistants	A virtual assistant is a software agent that provide services on behalf of a person in response to commands or inquiry

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The application should be user friendly and good-looking user-interface and should be easy to use the application
NFR-2	**Security**	The security requirements deal with the primary security. Only authorized users can access the system with user name and password of administrator.
NFR-3	**Reliability**	If Any information is inaccurate, it will cause big issues. The Application should be made in such a way that it is reliable in its operations and for securing the sensitive details.
NFR-4	**Performance**	The performance of the application is more important that the user should not face any lag or

		problem regarding application. So, the performance of the application should be high.
NFR-5	**Availability**	The availability of the application should anytime, the user can use the application in emergency whenever it can be. So, the application should work 24/7.
NFR-6	**Scalability**	The application has the ability to handle growing numbers of users and load without compromising on performance and causing disruptions to user experience.