

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

Date	03 October 2022
Team ID	PNT2022TMID43150
Project Name	Project – Inventory management system for Retailers
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FRNo.	Functional Requirement (Epic)	SubRequirement (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	Ibmcloud	Storing the user data Ibmcloud required
FR-4	Objects storage	Storing the object involved in this project (images, icon, etc) Ibm object storage required
FR-5	Inventory chat bot	For identifying query of the user Watson Assistant required
FR-6	Inventory product registration	It as required for the user to register their respective product Registration of product required

Non-functional Requirements:

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

FRNo.	Non-Functional Requirement	Description
NFR-1	Usability	It can use ease to the customer, because it has implemented by the web application
NFR-2	Security	It' s has the predetermined security for this application
NFR-3	Reliability	It can be reliable one, because of its user friendly interface
NFR-4	Performance	It' s can achieve, it' s seted performance mark by the developer
NFR-5	Availability	It' s mostly available to the many user in the retailer field
NFR-6	Scalability	It has cost effective, and no requirement for high configuration system, so many users can use it