PROJECT DESIGN PHASE II
SOLUTION REQUIREMENTS
(FUNCTIONAL & NON FUNCTIONAL)

Date	15 october2022
Team ID	PNT2022TMID47696
Project Name	Inventory Management System for Retailers
Maximum marks	4 marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR NO	Functional Requirement (Epic)	Sub Requirement (story)
FR-1	Application building	➢ Build HTML page for login, Registration, Prediction, Logout. ➢ Build flask application using python ➢ Use docker
FR-2	User registration	➢ Registration through Gmail. ➢ Registration using phone, laptop, computer.
FR-3	User confirmation	➢ Confirmation via Email. ➢ Confirmation via OTP.

FR--4	User interface	➤ User login form. ➤ Admin login form.
FR--5	Database	➤ It collects at least 50 images of each type of skin disease placed them in folder. ➤ Using a chrome extension such as batch downloader where you can search and download images from chrome.
FR--6	Data server	➤ It connects a data from chrome and the application to the cloud. ➤ Data server has been installed to run as a service and is deployed in IBM cloud instance.

Non--functional Requirements:

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

FR NO	Non functional requirement	Description
NFR--1	Usability	➤ Mail is sent through via sendgrid to the retilers ➤ Docker helps the retilers to upload the stock details
NFR--2	Security	➤ It ensure about stock details during the process.

NFR-3	Reliability	➢ Easy to use with good network connection. ➢ Accuracy ➢ Less time consumption
NFR-4	Performance	➢ Creating a model with an application can be very helpful to the people ➢ The created model can reduce the time spent for the stocks counting
NFR-5	Availability	➢ To effectively manage your stock availability ➢ Handles the stock details without risking company resources ➢ Strategies to cope up with the demands
NFR-6	Scalability	➢ This method is ensured accurate information about stock details. ➢ Retailors need not to be worried about their company resources