

PROJECT DESIGN PHASE -II

SOLUTION REQUIREMENTS(Functional & Non-Functional)

Date	22-10-2022
Team ID	PNT2022TMID18589
Project Name	Personal Assistance for Senior Who are Self - Reliant
Maximum Marks	4 Marks

Solution Requirements (Functional & Non functional)

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Ibm Iot cloud login module	Login to ibm iot cloud. Create a device in the ibm Watson platform
FR-2	Installation of Nodered	Install the nodered and create the form in nodered.
FR-3	IBM Cloud Database	For storing the medicine details on cloud.
FR-4	Notification Module	Once the given time arrived the audio for given medicine will be heard.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	App can be used by anyone who has knowledge about internet and computer.
NFR-2	Security	For security, TFA is enabled and biometrics are also added for user safety.
NFR-3	Reliability	Highly reliable since, It uses Trusted cloud services like IBM
NFR-4	Performance	Performance is better compared to other market products.
NFR-5	Availability	Available on mobile app.
NFR-6	Scalability	Using Cloud services, makes the scalability higher than using traditional database.