

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

Date	03 October 2022
Team ID	PNT2022TMID52021
Project Name	Project - Personal Assistance for Seniors who Are Self Reliant
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	User login	login with the help of the user Id and password
FR-4	Network connectivity	via WiFi/Mobile data
FR-5	IBM IoT Platform	Cloud storage is accessed through the internet and it provides medication information.
FR-6	Node-RED	It is used to transfer the data from IoT platform to UI Platform and also it helps to storing the data.

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	With this,easily monitor the medication time of the users.Also,it will share the information with the caretakers.
NFR-2	<b>Security</b>	The cloud database provides high security.Also it prevents data from hacking.
NFR-3	<b>Reliability</b>	It reminds users to take their medicines on time and get them refilled,assists caretakers in managing prescriptions.
NFR-4	<b>Performance</b>	It reminds users to take their medications on time and get them refilled, assists caretakers in managing prescriptions.
NFR-5	<b>Availability</b>	To check the medications of users.
NFR-6	<b>Scalability</b>	The customers can set the time to take his or her medication and can also regulate how much medication to take by the customers.

