

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

Date	24 September 2022
Team ID	PNT2022TMID21355
Project Name	Personal Assistance for Seniors who Are Self-Reliant. (App for reminding intake of medicine)
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
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Login	login through User Id and Password.
FR-4	IBM Cloudant DB	User details are stored in this
FR-5	IBM IoT Platform	Access cloud storage via internet and it gives medication information.
FR-6	Node-RED	Uses to transfer the data from IOT platform to UI platform and helps in storing the data.

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	It can track and monitor the medications. Reminds to take medicine ontime.
NFR-2	Security	The cloudant database is highly secured and it prevents data from hacking.
NFR-3	Reliability	The medication routine is properly assigned and will work without any failure .
NFR-4	Performance	This app sends a daily text message reminder to take the right medication at the right time. Works in real time if the person miss a medication immediately they will be notified thus makes it a useful app for senior citizens.
NFR-5	Availability	To keep track the medication of users.
NFR-6	Scalability	The users can set the time for their medication and also can adjust how much medication to take within the application.