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

Date	09 November 2022
Team ID	PNT2022TMID18885
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	Authenticate user	User verification using username and password
FR-2	Time and medicine setting	Setting the details of medicine and time
FR-3	Storing the data in Cloudant DB	Stores the details of the medicine such as doses of medicine and time details in Cloudant DB
FR-4	Sending information or data	Web application send the medicine name to IoT device through IoT Platform
FR-5	Giving Notification	The IoT device receives the medicine name and notify the user using voice commands

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The System should provide a systematic, simple and user-friendly interfaces.
NFR-2	**Security**	The system must ensure all information of the registered end users are secured and not accessible by other party.
NFR-3	**Reliability**	The system should have lower risk of errors and process failures that can cause patients harm.
NFR-4	**Performance**	To perform good speed, reliability and capacity of the system is needed.
NFR-5	**Availability**	The system should be available if there are any changes to functionalities of the system in future.
NFR-6	**Scalability**	The system is scalable to increase or decrease in performance according to requirements