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

Date	14 October 2022
Team ID	PNT2022TMID52751
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 Gmail Registration using Mobile Number
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Setting up Medicine Database	Registration to the IoT Application and Cloud
FR-4	Updating Reminders after Successful Intake of Medicine	Access to the medicine database system for updating
FR- 5	Generation of Medicine Intake Report	Updation of the reminders

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Provides an easy to use user interface which can be used even by the elderly.
NFR-2	**Security**	The medicine database can be updated only by the users and not by others, which can be ensured with the help of passwords.
NFR-3	**Reliability**	The system must generate voice reminders at the right time and must update the medicine database frequently so as to reduce the chances of any mistakes from occurring.
NFR-4	**Performance**	The website or application must produce results with a very quick response time so as to maintain efficient reports.
NFR-5	**Availability**	The website or application must be made available to the users throughout the day and must grant them access whenever they require to check or update their medicine intake status.
NFR-6	**Scalability**	The system must be scalable enough to handle multiple visits from multiple users at the same time.