

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

Date	03 November 2022
Team ID	PNT2022TMID12172
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 has been done through the form in our application.
FR-2	User Confirmation	Confirmation has been done within our application.
FR-3	Data management	All the data are stored in the cloud and retrieved when it is needed.
FR-4	Internet Connectivity	Users should have a stable internet connection to access the Application.
FR-5	User Input management	All the user' s data are gotten with the help of a text field in the dashboard in the app.
FR-6	Acknowledgement	All the data are stored in the cloud via the app and acknowledgment will be given to the user.

### Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Smart medicine box usability is the characteristics of the user that facilitate. Use, to make it easier for the user to perceive the information presented by the user interface, to understand and decide based on that information.
NFR-2	<b>Security</b>	Smart medicine box, like other computer systems, can be vulnerable to security breaches, potentially, impacting the safety and effectiveness of the device.
NFR-3	<b>Reliability</b>	The probability of medicine box will perform a required function without failure under stated conditions for a specific period.
NFR-4	<b>Performance</b>	Medical device testing is the process of demonstrating that the device will reliably and safely perform in use.
NFR-5	<b>Availability</b>	Medicine box is availability over all the conditions of weather and atmosphere pressure and be carried out with us.
NFR-6	<b>Scalability</b>	In feature we can upgrade the smart medicine box to the health care assistant to monitor our health care and book appointments to doctor.

