

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

Date	03 October 2022
Team ID	PNT2022TMID46387
Project Name	Project – <b>Personal assistance for seniors who are self-reliant</b>
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 in the application.
FR-2	User Confirmation	Confirmation within application.
FR-3	Internet Connectivity	Users should have a stable internet connection to access the app.
FR-4	Data management	All the data are managed & manipulated using the cloud.
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>	The app is made with a simple UI, so the elders can easily use the app.
NFR-2	<b>Security</b>	All the data are stored in the IBM cloudant DB, so the user's data will be secured.
NFR-3	<b>Reliability</b>	As the data are stored in the IBM cloud, the user's data will be reliable and confidential.
NFR-4	<b>Performance</b>	As the app uses virtual sensors, so the accuracy and performance will be high.
NFR-5	<b>Availability</b>	The data stored in the cloud is available for all the time, So the users can avail the app all the time.
NFR-6	<b>Scalability</b>	Even though the users count increases, the app will be more scalable.