

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

Date	10 October 2022
Team ID	PNT2022TMID46387
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 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	Usability	The app is made with a simple UI, so the elders can easily use the app.
NFR-2	Security	All the data are stored in the IBM cloudant DB, so the user's data will be secured.
NFR-3	Reliability	As the data are stored in the IBM cloud, the user's data will be reliable and confidential.
NFR-4	Performance	As the app uses virtual sensors, so the accuracy and performance will be high.
NFR-5	Availability	The data stored in the cloud is available for all the time, So the users can avail the app all the time.
NFR-6	Scalability	Even though the users count increases, the app will be more scalable.