

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

Team ID	PNT2022TMID19314
Project Name	Project –IOT Based Personal Assistance for Seniors Who Are Self-Reliant

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Have a clear and self-explanatory manual. Easier to use

NFR-2	Security	Application has to be secured with 2 step authorization. Passwords and passkeys will be assigned as per the users need.
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FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Requirements	Medical protection Health Information System Monitor Patient status , Temperature and Blood Pressure ,Pulse rate checking System.
FR-2	User Registration	Manual Registration through Web pageRegistration through Form Registration through Gmail
FR-3	User Confirmation	Confirmation via Phone Confirmation via Email Confirmation via OTP
FR-4	Payment Options	Cash on Delivery Debit Card/Credit Card Net Banking , Paytm Wallet and UPI
FR-5	Product Delivery and Installation	Door Step Delivery Take Away Free installation
FR-6	Product Feedback	Through Web Page Through Phone Calls Through Google Forms

Non-functional Requirements:

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

NFR-3	Reliability	Hardware require a regular checking and service Software may be updated periodically Immediate alert is provided in case of any system failure.
NFR-4	Performance	The application must have a good interface The system provides acknowledgment in just one second once the 'patient's information is checked.
NFR-5	Availability	All the features will be available when the user requires. It depends on the patient's need and the user's customization.

NFR-6	Scalability	The product has to cover all the space of isolation wards Irrespective of the size or area of a medical field.
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