

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

Date	13 October 2022
Team ID	PNT2022TMID30279
Project Name	Project –IOT Based Personal Assistance for Seniors Who Are Self-Reliant
Maximum Marks	4 Marks

**Functional Requirements: PNT2022TMID30279**

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	<b>User Requirements</b>	Medical protection Health Information System Monitor Patient status , Temperature and Blood Pressure ,Pulse rate checking System.
FR-2	<b>User Registration</b>	Manual Registration Registration through Web page Registration through Form Registration through Gmail
FR-3	<b>User Confirmation</b>	Confirmation via Phone Confirmation via Email Confirmation via OTP
FR-4	<b>Payment Options</b>	Cash on Delivery Debit Card/Credit Card Net Banking , Paytm Wallet and UPI
FR-5	<b>Product Delivery and Installation</b>	Door Step Delivery Take Away Free installation
FR-6	<b>Product Feedback</b>	Through Web Page Through Phone Calls Through Google Forms

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Have a clear and self-explanatory manual. Easier to use
NFR-2	<b>Security</b>	Application has to be secured with 2 step authorisation Passwords and passkeys will be assigned as per the users need.

NFR-3	<b>Reliability</b>	Hardware require a regular checking and service Software may be updated periodically Immediate alert is provided in case of any system failure.
NFR-4	<b>Performance</b>	The application must have a good interface The system provides acknowledgment in just one second once the 'patient's information is checked.
NFR-5	<b>Availability</b>	All the features will be available when the user requires. It depends on the patient's need and the user's customisation.
NFR-6	<b>Scalability</b>	The product has to cover all the space of isolation wards Irrespective of the size or area of a medical field