

**PROJECT DESIGN PHASE-II**  
**SOLUTION REQUIREMENTS (FUNCTIONAL & NON-FUNCTIONAL)**

<b>Date</b>	19 October 2022
<b>Team ID</b>	<b>PNT2022TMID47589</b>
<b>Project Name</b>	Personal Assistance for Seniors Who Are Self-Reliant
<b>Maximum Marks</b>	4 Marks

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

<b>FN NO.</b>	<b>Functional Requirement (Epic)</b>	<b>Sub Requirement (Story / Sub-Task)</b>
FR - 1	User Registration	User can Register their details through the Medicine Reminder App or Website.
FR - 2	User login	In Login Process, User gives the valid Gmail Account or Phone number for authentication Process.
FR - 3	Admin Login	In Administrator login Process, the Administrator should enter the valid ID and Password.
FR - 4	User Medical Report	Users should produce the Medical Report (Medicine Report) for setting the alarm to consume the medicine through the Medicine reminder app or website.
FR - 5	User Scheduling	User schedules their medicine or pills according to their prescribed time.  This scheduling may include details about the medicine, dosage, etc..

FR - 6	Alternating the schedule According to the User	The user can alter the medicine and timing details (i.e adding or deleting medicine) according to new prescription given by the doctor.
FR - 7	A Reminder through the TTS Service	The Pills Reminder app notifies or reminds the user when to take Specific medicine through the Text-to-Speech (TTS) Service
FR - 8	Alert message	The admin or hospital management send the alert message to the user and their guardian (family member) when the user did not consume pills on concern time.
FR - 9	Report Maintaining	It Generate a report of the user in every week and those reports are send to their guardian or hospital . The monthly Report are maintain for the future purpose....

### **NON-FUNCTIONAL REQUIREMENTS:**

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

<b>NFR NO</b>	<b>Non-Functional Requirement</b>	<b>Description</b>
NFR – 1	Usability	<ul style="list-style-type: none"> <li>▪ It's user friendly reminder app, it's more convenient to access for illiterate people.</li> <li>▪ This application is used to support multiple user.</li> <li>▪ The Reminder is easy to set up and use.</li> </ul>
NFR - 2	Security	<ul style="list-style-type: none"> <li>▪ User's Medical Reports are highly secure. .</li> <li>▪ Each part in reminder system is secured.</li> </ul>
NFR - 3	Reliability	<ul style="list-style-type: none"> <li>▪ Ensuring that elder one is properly taking their</li> </ul>

		medications and that help to avoid unnecessary risk or serious illness through reminder app.
NFR - 4	Performance	<ul style="list-style-type: none"> <li>▪ The Reminder provides acknowledgment in just one second once the Users information is checked.</li> <li>▪ The Reminder allows to set Multiple Reminders per day and Customize the alarm Sound.</li> </ul>
NFR - 5	Availability	<ul style="list-style-type: none"> <li>▪ The Reminder is available all the time.</li> <li>▪ The Reminder app is available in both Online and Offline mode.</li> </ul>
NFR - 6	Scalability	<ul style="list-style-type: none"> <li>▪ The Reminder needs to support at larger number of user at same time.</li> </ul>