

PROJECT DESIGN PHASE-II

REQUIREMENT ANALYSIS (FUNCTIONAL & NON-FUNCTIONAL)

TITLE : PERSONAL ASSISTANCE FOR SENIORS WHO ARE SELF RELIANT

Functional Requirements:

S No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
1	User Registration	Registration through Form Registration through Gmail Registration through LinkedIn
2	User Confirmation	Confirmation via Email Confirmation via OTP
3	User Login	login through User Id and Password.
4	Network Connectivity	via WIFI /mobile data.
5	IBM IoT Platform	Access cloud storage via internet and it gives medication information.
6	Node-RED	Uses to transfer the data from IOT platform to UI platform and helps in storing the data.

Non-functional Requirements:

S No.	Non-Functional Requirement	Description
1	Usability	It can easily track and monitor the medication time of users and share the information to the caregivers.
2	Security	The cloud ant database is highly secured and it prevents data from hacking.
3	Reliability	The prescription of medication for users is assured all the time.
4	Performance	It reminds users to take their medications and get them refilled, warns about drug interactions.
5	Availability	To keep track the medication of users.
6	Scalability	The users can set the time for their medication and also can adjust how much medication to take within the application.