**Project Design Phase-II**

**Solution Requirements (Functional & Non-functional)**

| Date | 03 October 2022 |
| --- | --- |
| Team ID | PNT2022TMID52021 |
| 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  Registration through Gmail  Registration through LinkedIN |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | User login | login with the help of the user Id and password |
| FR-4 | Network connectivity | via WiFi/Mobile data |
| FR-5 | IBM IoT Platform | Cloud storage is accessed through the internet and it provides medication information. |
| FR-6 | Node-RED | It is used to transfer the data from IoT platform to UI Platform and also it helps to storing the data. |

**Non-functional Requirements:**

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

| **FR No.** | **Non-Functional Requirement** | **Description** |
| --- | --- | --- |
| NFR-1 | **Usability** | With this,easily monitor the medication time of the users.Also,it will share the information with the caretakers. |
| NFR-2 | **Security** | The cloud database provides high security.Also it prevents data from hacking. |
| NFR-3 | **Reliability** | It reminds users to take their medicines on time and get them refilled,assists caretakers in managing prescriptions. |
| NFR-4 | **Performance** | It reminds users to take their medications on time and get them refilled, assists caretakers in managing prescriptions. |
| NFR-5 | **Availability** | To check the medications of users. |
| NFR-6 | **Scalability** | The customers can set the time to take his or her medication and can also regulate how much medication to take by the customers. |