**Project Design Phase-II**

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

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| Date | 27 October 2022 |
| Team ID | PNT2022TMID15069 |
| Project Name | Personal Assistance for Seniors Who are  Self - Reliant |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

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| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | User Registration | Registration through Form  Registration through Gmail |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | Access Cloud services | Access the cloud service with correct credentials and store the details in the database. Recover the required information whenever necessary. |
| FR-4 | IOT configuration | Calibration of the IOT device based on preference and Access the Cloud DB via device. Manage the request and response effectively. |

**Non-functional Requirements:**

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

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| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | App can be used by anyone who has workable knowledge about internet and computer |
| NFR-2 | **Security** | For security, TFA (Two Factor Authentication) is enabled along with biometrics for user safety |
| NFR-3 | **Reliability** | Highly reliable since it uses authentic cloud services like IBM |
| NFR-4 | **Performance** | Performance is superior compared to other market products. |
| NFR-5 | **Availability** | Available on mobile app. Web version is on the development phase |
| NFR-6 | **Scalability** | Using Cloud service, makes the scalability higher using traditional database. |