**Project Design Phase-I**

**Proposed Solution**

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| Date | 23 September 2022 |
| Team ID | PNT2022TMID42262 |
| Project Name | PERSONAL ASSISTANCE FOR SENIORS WHO ARE SELF-RELIANT |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

Project team shall fill the following information in proposed solution template.

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| **S.No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | 1. Elderly folks occasionally fail to take their medications at the right time. 2. Seniors frequently forget which medicine should take at that particular time and need to be dependent on other persons which makes them feel more reliable on others. 3. It is challenging for medical professionals to keep an eye on patients round-the-clock. |
|  | Idea / Solution description | 1. To avoid the above problem mentioned above, the medicine remainder system is developed. 2. For the user (caretaker), a web application is created that allows him to choose the preferred time and medication. 3. The IBM Cloud securely stores and protects all of the customer's or user's information. 4. If the medication's due time approaches, the web application will use the IBM IoT platform to send the medication's name to the IoT device. 5. The device will receive the medicine name and notify the user with voice commands. |
|  | Novelty / Uniqueness | * Automatic Pre-order alerts are sent, when the supply of the prescribed medication is about to run out. The user/subscriber’s family & doctor have access to the medicine intake records. * Backup option is available, if the data or record is deleted accidently. * The user receives the precise voice notifications at the right time. |
|  | Social Impact / Customer Satisfaction | * Our system promotes safe and independent living which makes them more self-reliable and healthier cared-for individuals. * Our system's emphasis on transparency in care makes sure that families feel involved in the delivery of care and allays their worries. * From anywhere in the world, family members may check on a loved one's wellbeing. |
|  | Business Model (Revenue Model) | * Our proposed product will be a Subscriber Service which is very affordable. * Proper updates in the application according to trends and customer convenience which makes high Customer Retention. * Proper upkeep of privacy policies that enhances customers' trust. |
|  | Scalability of the Solution | * The proposed application is more convenient to use in both Android and ios based systems. * The user can customize the timing of the intakes and update his medical records. * This solution is provided with Cloud storage with needed space. * Extra storage space can be provided with the subscription. |