**Project Design Phase-I**

**Proposed Solution Template**

|  |  |
| --- | --- |
| Date | 15 October 2022 |
| Team ID | PNT2022TMID11797 |
| Project Name | PersonalAssistance for SeniorsWho Are Self-Reliant. (medicine reminder) |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

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

|  |  |  |
| --- | --- | --- |
| **S.No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | Elderly folks are prone to forgetting to take their medications on time. They also forget the specific medication the person should be taking at that moment. Additionally, it is challenging for medical professionals to keep an eye on patients round-the-clock. This medication reminder system was created to solve the issue. The user (caretaker) can set the preferred time and medication with the help of an app. |
|  | Idea / Solution description | We present a clever Internet of Things-based medication reminder system. The suggested plan was specifically designed for the Android operating system. We use a reminder system for our system, which sounds an alert when it's time to take your medication. Additionally, the user can set their medication timing using an android application. There will be several features in the programme that allow the user to learn more specifics about their medication. It keeps track of the medications, allowing the user to adjust how much medication to take within the programme. |
|  | Novelty / Uniqueness | It is an easy-to-use app that reminds users to take their medications and get them refilled, warns about drug interactions, and assists caregivers in managing prescriptions for loved ones. |
|  | Social Impact / Customer Satisfaction | These proto-personas, or names, were created by me based on the study results from the user interview. They would be essential to the remaining design steps. Using these personas, any design decisions might be analysed |
|  | Business Model (Revenue Model) | There is no one-size-fits-all answer when it comes to business. The model you select will rely on your target market, company objectives, and the resources you already have available. |
|  | Scalability of the Solution | where the user can set the time for their medication. There will be several features in the programme that allow the user to learn more specifics about their medication. It keeps track of the medications, allowing the user to adjust how much medication to take within the programme |