

Project Design Phase-I

Proposed Solution Template

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID52021 |
| Project Name | Project - 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.

| S.No. | Parameter | Description |
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| 1. | Problem Statement (Problem to be solved) | Senior citizens, who forget to take their medicine at correct time. They additionally fail to remember which medication they ought to take at that specific time .This medicine reminder system was created to address this issue. A mobile application is created that allows him to set the desired time and medicine. |
| 2. | Idea / Solution description | In our project, we are going to address the above-mentioned issues. As the project is going to be IoT-based medicine remainder. It is designed for the Android operating system. We use a reminder system for our system,which sounds an alarm or vibrates when it is time to take your medicine. Additionally, the user can set their medication time using an android application. |
| 3. | Novelty / Uniqueness | It is the easiest way to remind senior citizens to take their medicines on time and get them refilled their medicines. Deaf people can remind the medicine time with the help of vibration. |

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| 4. | Social Impact / Customer Satisfaction | Customers are satisfied when they intake their medicines on time and they feel healthy. This inclusion of technology will make the work simpler and it will pave way for the development of the medical sector and senior citizens. |
| 5. | Business Model (Revenue Model) | We are going to make some campaigns and check how many of them are interested to take this Product. Make tie up with medical sectors. The main components used are very cost-effective. This will promote safe independent living. |
| 6. | Scalability of the Solution | This project is very much efficient because it is based on IoT for low-cost and flexible System using an mobile application. A person can set the time for his or her medication. There could be a few functions withinside the software that permit the person to analyze greater specifics approximately their remedy. It keeps the track of the medications, permitting the person to modify how a great deal remedy to take in the software. |