

PROJECT DESIGN PHASE-I

PROPOSED SOLUTION

Date	19 September 2022
Team ID	PNT2022TMID32641
Project Name	Project - Medication Intimator
Maximum Marks	2 Marks

S. No.	Parameter	Description
1	Problem Statement (Problem to be solved)	<p>Aging cannot be prevented and old age is a sensitive phase. Sometimes elderly people forget to take their medicine at the correct time. They also forget which medicine He / She should take at that particular time.</p> <p>And it is difficult for doctors/caretakers to monitor the patients around the clock. An application need to be built for the users which enables them to set the desired time to take medicines.</p>
2	Idea / Solution description	<p>The user details will be stored in the cloud database. If the medicine time arrives the web application will send the medicine name to the IoT Device through the IoT platform. The device will receive the medicine name and notify the user with voice commands.</p>
3	Novelty / Uniqueness	<p>The use of Text To Speech service to speak out the medicine name through the IoT device after receiving it from the web application makes this app unique from other existing apps.</p>

4	Social Impact / Customer Satisfaction	This app is a medication intake remainder system for people who are self-reliant. Using this app the user can avoid health issues that arise due to improper consumption of medications. This app is flexible for illiterates too as it provides voice services.
5	Business Model (Revenue Model)	The app revenue model is an integral part of a business concept. Many users may show willingness to this app as it replace the role of high paid caretakers. And also it can be easily used.
6	Scalability of the Solution	Since it is a cloud based IoT application, it serves a large number of users which makes the application to be highly reliable. Hence, it will have high scalability.