

Project Design Phase 2

Proposed Solution

Team ID	PNT2022TMID34792
Project Name	Personal Assistance for Seniors Who Are Self-Reliant
Maximum Mark	2 Marks

S.No	Parameter	Description
1.	Problem Statement	Sometimes elderly people forget to take their medicine at the correct time. They also forget which medicine should be taken at that particular time. And it is difficult for doctors/caretakers to monitor the patients around the clock.
2.	Idea/Solution Description	<p>➤ An IoT based medicine reminder system is developed. Which is an app built for the user (caretaker) which enables him/her to set the desired time and medicine</p> <p>➤ These details will be stored in the IBM Cloudant DB. As medicine time arrive the web application will send the medicine name to the Internet of things Device through the IBM IoT platform.</p> <p>➤ The device will receive</p>

		the medicine name and notify the user with voice commands
3.	Novelty/Uniqueness	It's a user friendly app that reminds to take their medications and get them refilled when necessary.
4.	Social Impact/Customer Satisfaction	I constructed these proto-personas, or names, based on the research findings from the user interview. They would be crucial to the rest of the design process. All design decisions may be assessed and re-evaluated using these personas, keeping the user and their perspective in mind
5.	Business Model(Revenue Model)	Through this devices We gain revenue from selling the medicine reminder system to hospitals, medical health centers and even in old age homes and also gain profit by having partnership with pharmaceutical companies
6.	Scalability of the Solution	As the model is integrated with cloud software, we can update the user experience without reinstalling a model and the person can keep a remainder up to the year.