

**Project Design Phase-I**  
**Proposed Solution Template**

Date	31 October 2022
Team ID	PNT2022TMID40129
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
1.	Problem Statement (Problem to be solved)	<ul style="list-style-type: none"><li>• Senior citizens are dependent, sick and weak in terms of health economical, physical and psychological phenomena which leads to several medical problems.</li><li>• Sometimes they forget to take their medicine at correct time.</li><li>• They also forget which medicine they should take at that particular time. Then it becomes difficult for doctors/caretakers to monitor the patients around the clock.</li></ul>
2.	Idea / Solution description	<ul style="list-style-type: none"><li>• An app is build for the user that if the medicine time arrives the web application will send the medicine name to the IoT device through the IBM IoT platform.</li><li>• The device will receive the medicine name and notify the user with the voice commands.</li></ul>
3.	Novelty / Uniqueness	<ul style="list-style-type: none"><li>• A user friendly app which sends users medication and refill reminders,provides drug interaction warnings, and helps care takers manage prescriptions for patients.</li><li>• It will send health tips in daily manner.</li></ul>
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"><li>• The user can know their health status from anywhere at anytime.</li><li>• They don't need to visit hospital which saves their time.</li><li>• Patients get the help they need at correct time , no one needs to worry about them.</li></ul>

5.	Business Model (Revenue Model)	<ul style="list-style-type: none"> <li>• Through our web application the revenue can be made in the form of pop-up advertisements, overlays ads from third party services.</li> <li>• Subscriptions/premium feature can be used to gain revenue from this application.</li> </ul>
6.	Scalability of the Solution	<ul style="list-style-type: none"> <li>• Less time will be consumed.</li> <li>• The application will have some feature that help the user to know more details about their medicine.</li> <li>• The user can easily set their medicine time at any location.</li> <li>• It keeps track for the medicine that means how much medicine they have to take that can be fixed in the application.</li> </ul>