Project Design Phase-I
Problem – Solution Fit Template

Date	19 September 2022
Team ID	PNT2022TMID21393
Project Name	Personal Assistance for Seniors who Are Self-Reliant. (Medicine reminder)
Maximum Marks	2 Marks

Define CS, fit into CC

CS

1. CUSTOMER SEGMENT(S)

➢ Caretakers
➢ Persons, who need to help their closed one

CC

6. CUSTOMER CONSTRAINTS

➢ Low power
➢ Budget Friendly
➢ No cash

AS

5. AVAILABLE SOLUTIONS

➢ Pill Reminder and Med Tracker App
➢ e-pill TimeCap & Bottle Last Opened Time Stamp with Reminder

Explore AS, differentiate

Focus on J&P, tap into BE, understand RC

J&P

2. JOBS-TO-BE-DONE / PROBLEMS

➢ Forget to give medication on time.
➢ Can't keep remember the amount of medicine remains.

RC

9. PROBLEM ROOT CAUSE

➢ If there is no internet connection, there would be no sharing of data between Cloud and device.
➢ So, we need proper net connection.

BE

7. BEHAVIOUR

What does your customer do to address the problem and get the job done?

➢ The Customer first update the system with medicine name, Time to take and amount of medicine in pack into the device.
➢ The Device will take care of the remaining things like remainder and notify when the medicine get over.

Focus on J&P, tap into BE, understand RC

3. TRIGGERS `TR`

- Unable to give or take medicine on time and can't remember the amount of medicine remains triggers the customer to act like this

4. EMOTIONS: BEFORE `EM`

- Caretakers feels guilty

10. YOUR SOLUTION `SL`

- We introduce a smart medicine reminder system based on IOT. The proposed scheme was particularly created for the Android platform. For our system.
- We implement Medicine amount tacker to be notified by the caretakers when the medicine get over.

8. CHANNELS of BEHAVIOUR `CH`

8.1 ONLINE

If it is in online mode, the patients can make a report in the help section present in the setting option.

8.2 OFFLINE

If it is in offline mode, the patients can directly send a feed a mail or message to the receiver.