PROJECT DESIGN PHASE – 1 PROBLEM SOLUTION FIT

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Team ID	PNT2022TMID47589
Project Name	Personal Assistance for Seniors who are Self-Reliant

PROBLEM SOLUTION FIT:

1.CUSTOMER SEGMENT

I was trying to help the elder one(the senior citizen).and hence they are my customer.

2.JOBS-TO-BE-DONE/PROBLEMS

There are many one around us (especially elders) who were the victims to take medicine regularly on time according to the doctor prescribed.

3.TRIGGERS

It is user friendly product.
Our product that is pill
reminder deals with the
emotion of elders. So it
triggers them to buy our
product to stay
independent without help
of others to take the pill.

4.EMOTIONS: BEFORE/AFTER

Some older persons might feel that they are so useless, helpless to consume the vaccine or pills on time without the help of others. They used to think themselves as burden for their children because of dependency.

With the help of pill reminder the alert system will the remind the elder ones, to take the pills on time without the help of others.

5.AVALIABLE SOLUTION

We introduce a smart medicine reminder system based on IoT.Smart Pill Organizers are portable devices that allow you to organize all of you to medication in seconds, remind you to take you to take your medications on a set day/time, and track medication adherence with embedded sensors.

6.CUSTOMER CONSTRAINTS

The Elder one should produce the medicial prescription to get organize the smart pill reminder incase of utilizing the smart pill organizer or pills container. Come to smart gadgets the user(older ones) or caretaker should list their medicine details and the instructions from their doctor when they first use this smart IoT gadgets.

7. BEHAVIOUR

They show their anger when someone is forced to take the pills and ask them to follow the schedule.

Feeling hesitate to ask others in public abou which pills need to consume at that time.

which pills need to consume at that time. Not ensuring Proper healthcare (that is consuming the vaccine)as like before or past in case of the elder people. They feel themselves as burden for their children in case of medical expenses.

9.PROBLEM ROOT CAUSE

Maintaining daily medication become very difficult for old people Senior citizen or Elders may often fail to consume their medication whether it was from forgetting to take the medicine, from taking medicine at the wrong time or even from taking too much medicine. Therefore, the family members or caretaker hai to remind them to take the pills on time

8.CHANNELS OF BEHAVIOUR

a)Online:

Due to the lack of knowledge in Digital world, they dislike the new technology products. And due to illiteracy they could'nt utilize the modern technology. To use a pill reminder app or any other app ,there are many different procedure which lead them to a confusion. The online caretaking services is not fulfilled as the offline caretakeing

b)Offline:

Forgetting to take medicine on time. Friends and relatives suggest the elders to have the caretaker or caregiver to consume their pills on time.

10.YOUR SOLUTION

Into basic ideas is creating an app wincin is connected a gadgets pill reminder or any other pill reminder which is built for the user (elder or caretaker) which enables by ther or caretaker to set the desired time and medicine. These details will be stored in the IBM Cloudant DB. If the medicine time arrives the web application will send the medicine name to the IoT Device through the IBM IoT platform. The device will receive the medicine name and notify the user with voice commands, we introduce a small medicine reminder system based on IoT.