IDEATION PHASE

PROBLEM STATEMENT

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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.And it is difficult for doctors/caretakers to monitor the patients around the clock. To avoid this problem, this medicine reminder system is developed.An app is built for the user (caretaker) which enables him 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.

Who does the problem affect?	● For elderly people
What are the boundaries of the problem?	● Taking medicine on daily basis ● A better way to organize multiple pills
What is the issue?	● Unsure and confused about medicines. ● Forget to take medicine on time. ● Recalling medicine names are painful.
When does the issue occur?	● Helpless when no caregiver is around to assist. ● Forgot about medication during travel. ● Nervous to asking somebody multiple times about medicine
Where does the issue occur?	● Missing my medicine as medicine

	was not refilled ● Memory loss, forgetting to complete task
Why is it important that we fix the problem?	● My health issues under my control. ● Not bothered about consuming medicines in unprescribed manner sometimes. ● Not to skip medicine
What solution to solve this issue?	● The system helps the user to set the time of dosage which will help to dispense multiple medicine at particular schedule. ● The notifications are intended to remind the user about medicine in voice commands. ● Get an alert that my medication is low. ● Looking up reviews on certain medicine before taking them. .
What methodology used to solve the issue?	● IOT device and Medicine Remainder App

I am	I'm trying to	But	Because	Which makes me feel
Elder people	Take medicine	Forget to take medicine on time	Aging,memory loss	feeling bad about medication

I am	I'm trying to	But	Because	Which makes me feel
Disable people	Take medicine on time	Forget to take medicine in prescribed manner	Difficult to remembering medicine name	feeling bad about medication