# Personal Assistance for Seniors Who Are Self-Reliant

PROBLEM STATEMENT:

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. It is also 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.

Our project aims in:

* Helping elderly people take their medicine at the right time.
* Help caretakers monitor patients using a medicine reminder system
* Alert the user to take the prescribed medicine using voice commands.

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| **Question** | **Description** |
| Who does the problem affect? | Elderly people who forget to take their prescribed medicine n time. |
| What are the boundaries of the problem? | Elderly citizens who are self-reliant yet having have trouble in taking their medications on the right time..  Elderly people who don’t have money to afford caretakers. |
| What is the issue? | Due to ageing, people tend to forget things like taking their medications. Sometimes when elderly people forget to take their cholesterol or Blood pressure tablets, it may cause unwanted problems. Moreover not all elderly people have caretakers who take care of them all the time. Hence an app is necessary that can enable the user to set the desired time and medicine |
| When does the issue occur? | The issue occurs due to ageing. People above the age of 65 face the issue quite often. |
| Where is the issue occurring? | The issue is common and not country specific. It can happen to all elderly people irrespective of their ethnicity. |
| Why is it important that we fix the problem? | Elderly people find it difficult to take their medications on the right time. Forgetting to take an even a single medication can lead to big problem for some people. In such a case, a medicine reminder system is necessary to help them out. |