## IDENTIFYING PROBLEM :

| Problem Statement (PS) | I am (Customer) | I'm trying to | But | Because | Which makes me feel |
|---|---|---|---|---|---|
| Can't Remember the Amount of the medicine remaining | Caretaker | Keep remembering the amount of remaining medicine. | But I forget every time. | Sometimes the amount of medicine is less in the Pack. | Frustrated |
| Can't Give medicine at time | Caretaker | Provide the medicine at time. | Every time I'm missing it. | I'm unable to remember. | Feeling sad |

## PROBLEM STATEMENT:

Health is one of the most important things for most individuals because without a good health nothing seems to go well. In recent times new diseases have emerged which needs to be taken care by taking medicine or pills routinely. In addition, the working conditions of some individuals is bad and hectic which resulted them in forgetting to take their administered medicine or pills in the appropriate timing or proportion and for some people due to old age, most elderly people suffer from dementia (forgetfulness). Not taking the prescribed medicine at the proper dosage or sometimes could result to what is referred to as medicine adherence which can be stated to as the extent at which the medicine is taken at the correct prescribed time and proportion. Medicine adherence is a very serious problem because it may affect the total well-being of the patient, delaying the curing time and also raising the total medical cost of the patient. As such the design and development of an IOT based medicine or pill reminder could help in curing out the above-mentioned problems by reminding patients to take their medicines as prescribed by the doctor within the stipulated time.