PROBLEM STATEMENT-3

**“AUTOMATIC MEDICINE DISPENSER”**

* You know pappa and mamma have amnesia.
* They keep forgetting to take their pills regularly.
* Sometimes they get confused and interchange each others medicines.
* They need to get prescriptions for refill automatically from the doctor and the doctor also needs to know if they are taking their medicines properly.
* I also need to be kept updated on their consumption of medicines.

SOLUTIONS:

* Machine must be capable of giving medicines to patient time to time appropriately.
* When the medicines are in the extinct to finish, preloading the pills and syrups must be done.
* Barcodes or sensors can be equipped for verifying the correctness of loading.
* The machine need to check on the expiry of medicines and dispose them.
* Setting alarms for the intake of medicines and ensure to send the message to the respective caretaker.
* For the user recognition fingerprint or a face recognition sensors can be used.
* For visually impaired , medicines can be delivered in a way where machines announces the time and dispenses the medicines.
* Wearables like smart watches measures oxygen level, blood pressure, heart rate .

SANJANA B

1NT21IS138