Automatic Medicine Dispenser

1. The dispenser should have different compartments that are capable of rotating, like a carousel
2. The device should have a built-in clock to dispense the medicines on time
3. Each compartment should contain a sensor to monitor how much medicine is being consumed by the patient. The amount of medicine remaining should be updated regularly.
4. This info should be displayed on each compartment in the form of percentage as well as a pictorial form. The decline in the percentage indicates the number of times the patient has skipped the medicine.
5. There should be an in-built sound system to give out voice messages to remind the patient to take his/her medicine. These messages relayed until the patient takes the medicine
6. An app should be developed to link this device with the caretaker's phone.
7. The device has a memory chip. Medicine schedule can be loaded onto this chip using the app. The sensors in each compartment will use the info from this memory chip and dispense the medicines on time