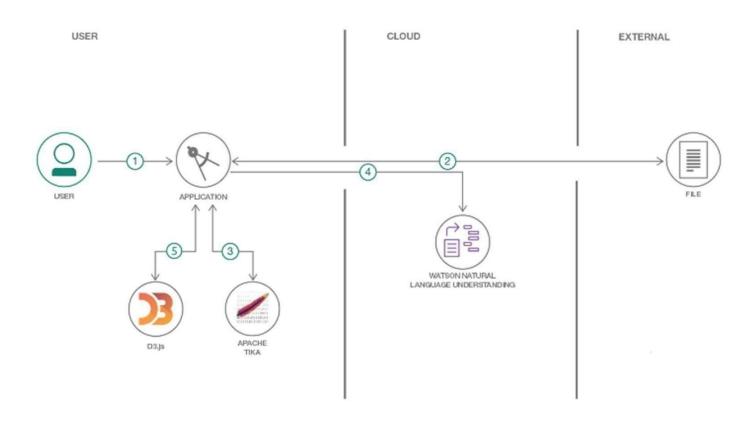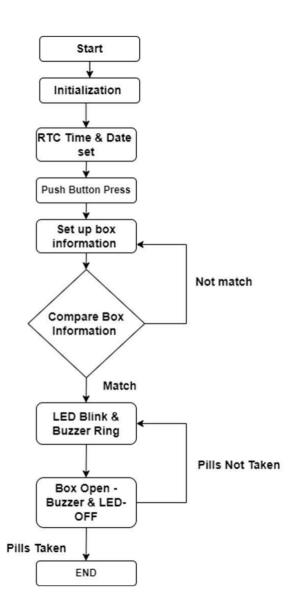# Project Design Phase-II
Data Flow Diagram & User Stories

Date	01-11-2022
Team ID	PNT2022TMID01111
Project Name	Personal Assistance for Seniors Who Are Self-Reliant
Maximum Marks	4 Marks

```
                    ┌─────────────┐
                    │    Start    │
                    └──────┬──────┘
                           │
                    ┌──────▼──────┐
                    │Initialization│
                    └──────┬──────┘
                           │
                  ┌────────▼────────┐
                  │RTC Time & Date  │
                  │      set        │
                  └────────┬────────┘
                           │
                  ┌────────▼────────┐
                  │Push Button Press│
                  └────────┬────────┘
                           │
                  ┌────────▼────────┐
                  │  Set up box     │◄──────────┐
                  │ information     │           │
                  └────────┬────────┘           │
                           │                    │
                           │              Not match
                      ◇ Compare Box ◇──────────┘
                        Information

                           │ Match
                  ┌────────▼────────┐
                  │  LED Blink &    │◄──────────┐
                  │  Buzzer Ring    │           │
                  └────────┬────────┘           │
                           │              Pills Not Taken
                  ┌────────▼────────┐           │
                  │  Box Open -     │           │
                  │  Buzzer & LED-  │───────────┘
                  │     OFF         │
                  └────────┬────────┘
              Pills Taken  │
                  ┌────────▼────────┐
                  │      END        │
                  └─────────────────┘
```

User Stories

User Type	FunctionalRequirement(Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Seniorcitizen)	Caretaker	USN-1	As a user, I want to take Medicineson time and monitor my health	I want to TakeMedicines On time	High	Sprint-1
Customer(Alzheimer patient)	Smart medicinebox	USN-2	As a user, I want to take my tablets ontime by voice command	I want to take my tablets on time by voice command	High	Sprint-1
Customer (Mentally idled patient)	Caretaker	USN-3	As a user, my patient needs to take medicines on time and monitoring theactivity	My patient needsto take medicineson time	Medium	Sprint-2
Customer (Coma patient)	Caretaker	USN-4	As a user, my patient medication time and prescription should loadin database for upcoming week	My patient medication time and prescriptionshould be in database list	Low	Sprint-4
Customer (Disabled people's)	Smart medicinebox	USN-5	As a user, I need to take my medicine in nearby places with light notification	I need to take my medicine in nearby places with Light notification	Medium	Sprint-3
Customer(No Clear Vision)	Smart medicine box	USN-6	As a user, I need to take my medicine and I am not able see the dosage of medicine properly	Scan the medicine	High	Sprint-1
Customer(No Clear Vision)	Smart medicine box	USN-7	As a user, Sometimes my medicine aren't in stock and I usually forget the Stock of my medication.	Stock remainder	Medium	Sprint -1