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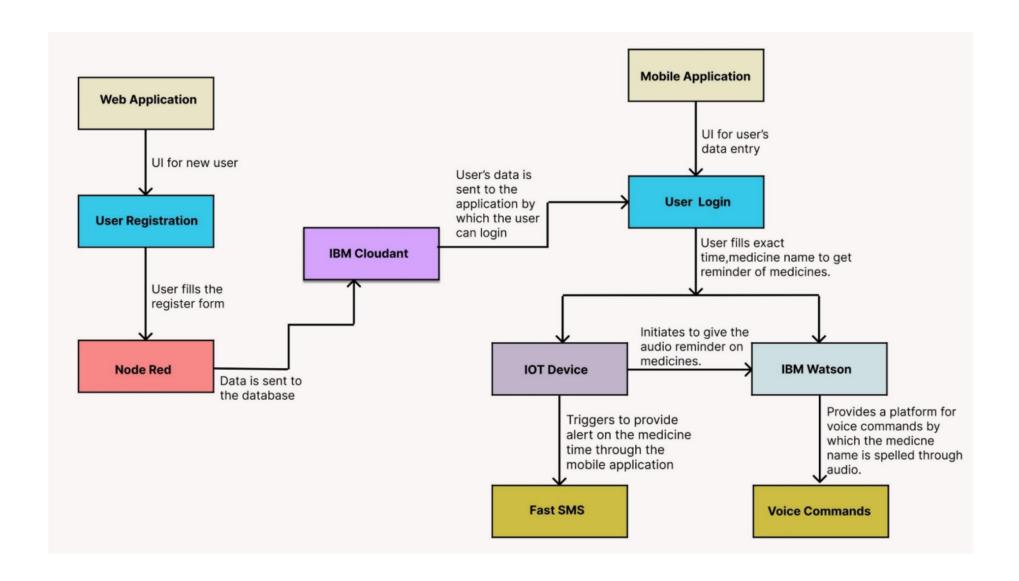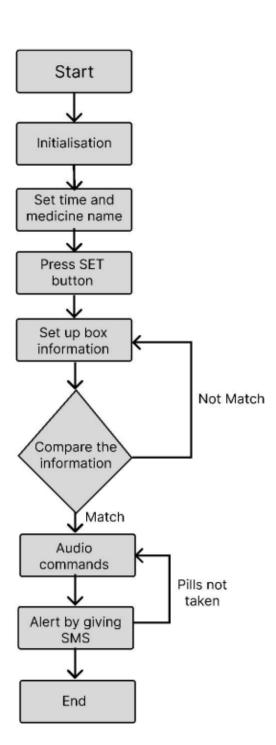**Data Flow Diagram & User Stories**

Date	03 October 2022
Team ID	PNT2022TMID26580
Project Name	Project - Personal Assistance for Seniors Who Are Self-Reliant
Maximum Marks	4 Marks

Data Flow Diagrams:

1. The user should register on MedCare(web application) by using their mail ID, password and get verified.

2. Users can set medicine name and time by MedCare (mobile application).

3. The data given as input by the user on mobile applications is stored in IBM Cloudant database.

4. The IOT device is made to remind the medicine name at the correct time by voice commands through IBM Watson platform.

5. The SMS is sent to the user to notify the intake of medicine which is initiated by mobile application.

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                 ┌─────────────┐
                 │    Start    │
                 └─────────────┘
                        │
                        ▼
                 ┌─────────────┐
                 │Initialisation│
                 └─────────────┘
                        │
                        ▼
                 ┌─────────────┐
                 │ Set time and │
                 │medicine name │
                 └─────────────┘
                        │
                        ▼
                 ┌─────────────┐
                 │  Press SET  │
                 │   button    │
                 └─────────────┘
                        │
                        ▼
                 ┌─────────────┐
                 │ Set up box  │◄──────────┐
                 │ information │           │
                 └─────────────┘           │
                        │                  │
                        ▼              Not Match
                   ◇─────────◇             │
                  ╱ Compare the ╲──────────┘
                  ╲ information ╱
                   ◇─────────◇
                        │
                      Match
                        ▼
                 ┌─────────────┐
                 │    Audio    │◄──────────┐
                 │  commands   │           │
                 └─────────────┘           │
                        │             Pills not
                        ▼               taken
                 ┌─────────────┐           │
                 │Alert by giving│─────────┘
                 │     SMS     │
                 └─────────────┘
                        │
                        ▼
                 ┌─────────────┐
                 │     End     │
                 └─────────────┘
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User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Senior Citizen)	Caretaker.	USN-1	As a user, I want to take medicines on time so that I can my health.	I want to take medicine on time.	High	Sprint-1
Customer (Mentally idled patient)	Janitor.	USN-2	As a user, my patient should maintain good health by consuming medicines on time	My patient needs to take medicines at proper time.	High	Sprint-1
Customer (Disabled person)	Smart medicine box.	USN-3	As a user, I need to take my medicines at correct time through nearby person via SMS.	My patient's medicine name and time should be in database list.	Medium	Sprint-4
Customer (Coma patient)	Virtual medikit.	USN-4	As a user, my patient medication time and name should be loaded in database.	My patient's medicine name and time should be in database list.	High	Sprint-2
Customer (Alzheimer patient)	Digital medicare.	USN-5	As a user, I want to take medicines on time by voice commands.		Medium	Sprint-3