

Basic Details of the Team and Problem Statement

Problem Statement Title: STUDENT INNOVATION

Problem Code: SIH1479

Category: Hardware

Team Name: Medirattus

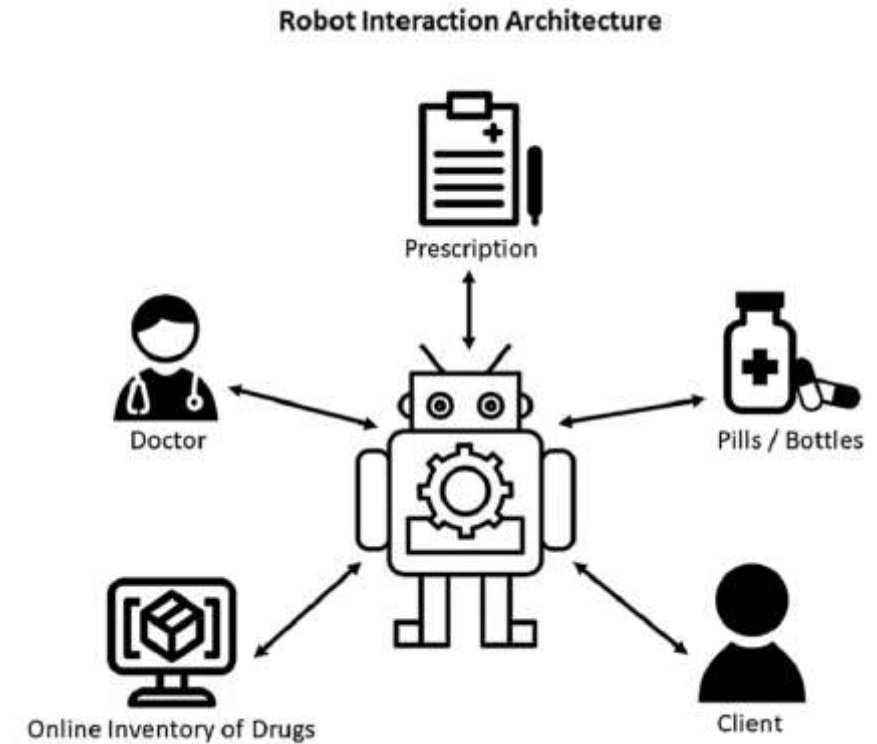
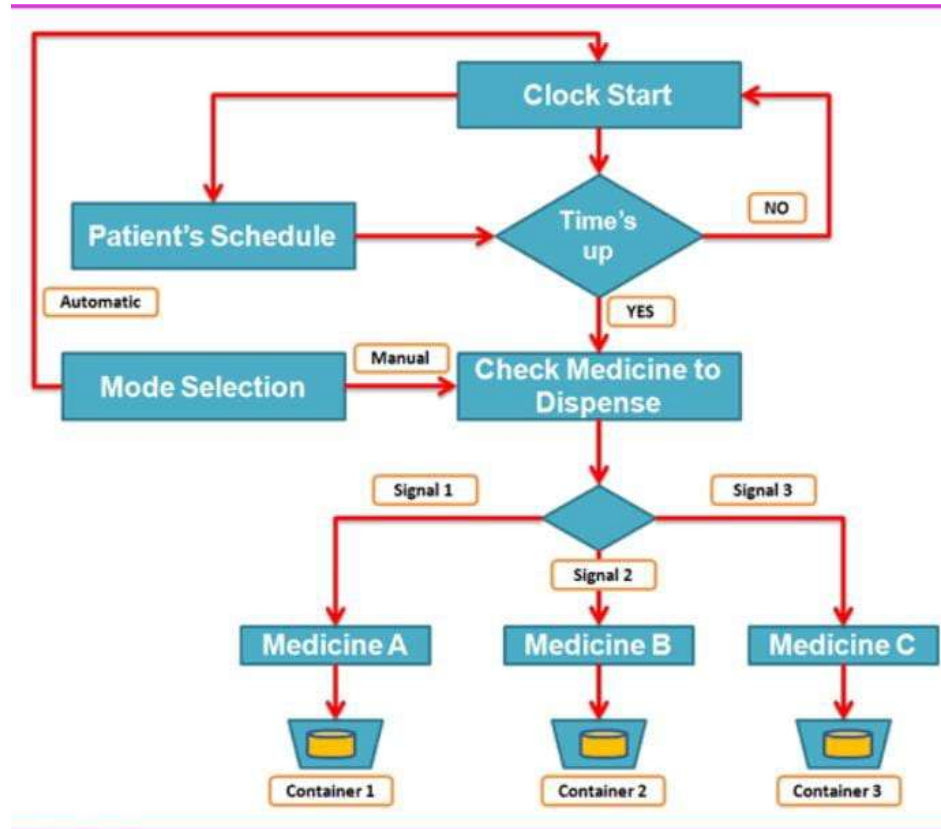
Team Leader Name: Anusurya S

Theme Name: HealthTech

MediMate - Idea Details

- A Smart Medication System is like a smart box that helps people take their medications correctly. It has a computer inside to control everything.
- It can move the medicine to where you can take it, keeps different medicines in separate compartments, and checks if the medicine is correct.
- You can control it with buttons and a screen, and it connects to your phone through Wi-Fi. It's very safe, has a backup battery.
- It can also remind you to take your medicine, and it tracks when you take it for your doctor.

Flowchart



Technology stack:

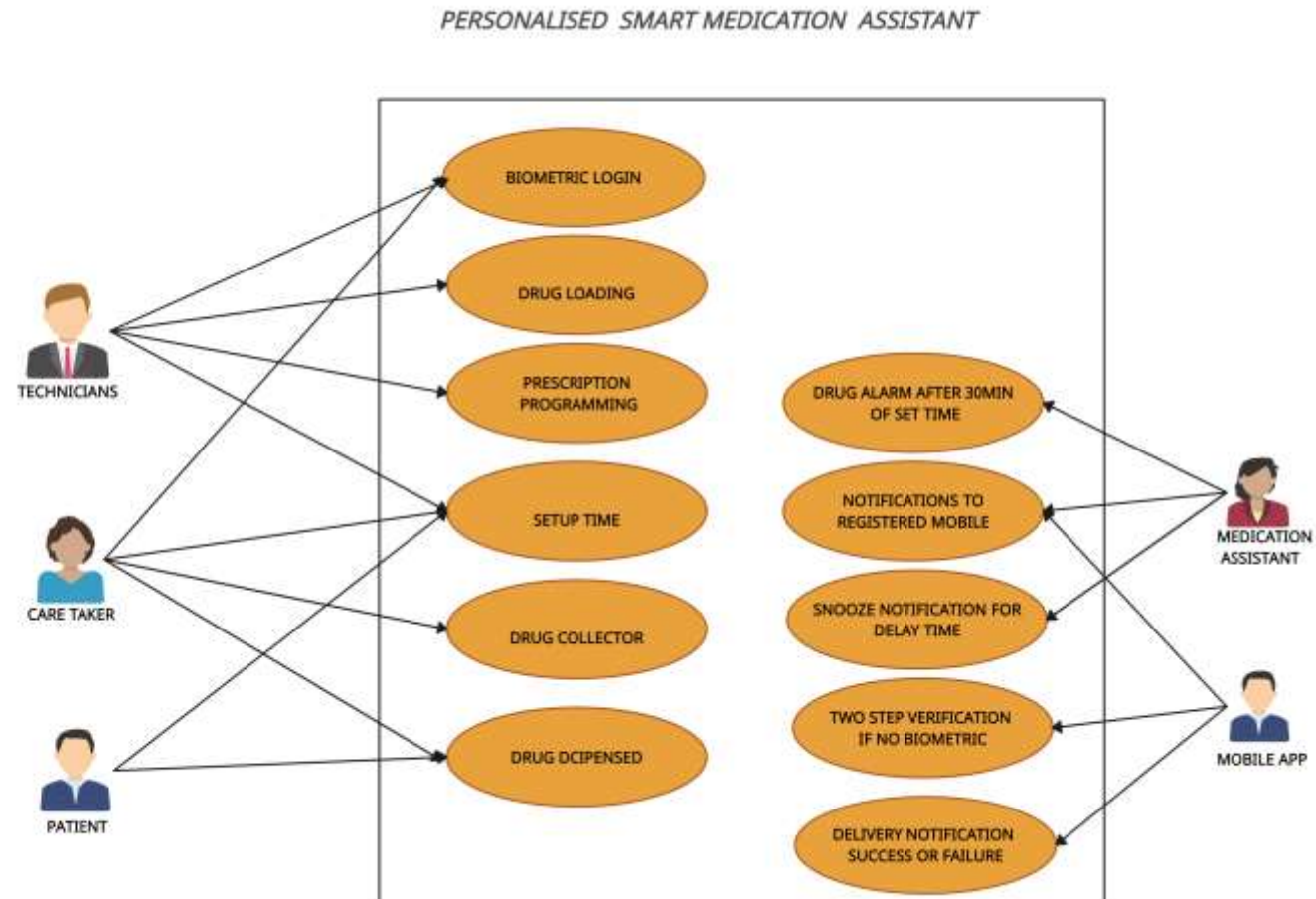
Hardware components:

Microcontroller, motor, dispensing mechanism, storage, sensors, user interface, connections, power supply, notification

Software:

Program for Micro controller, user interface, connectivity software, compliance tracking software, backup systems software.

Use Cases



Team Member Details

Team Leader Name: Anusurya S

Branch (B.E): B. E

Stream : BME

Year: III

Team Member 1 Name: Bharathi Priyadarshini. T

Branch (B.E): B. E

Stream : BME

Year :III

Team Member 2 Name: Sweatha K.M

Branch (B.E): B. E

Stream: BME

Year : III

Team Member 3 Name: Dharshini. P

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Stream: BME

Year : III

Team Member 4 Name: Bharath Krishnan. S

Branch (B.E): B. E

Stream: BME

Year: III

Team Member 5 Name: Mahalakshmi. M

Branch (B.E):B. Tech

Stream: IT

Year: III