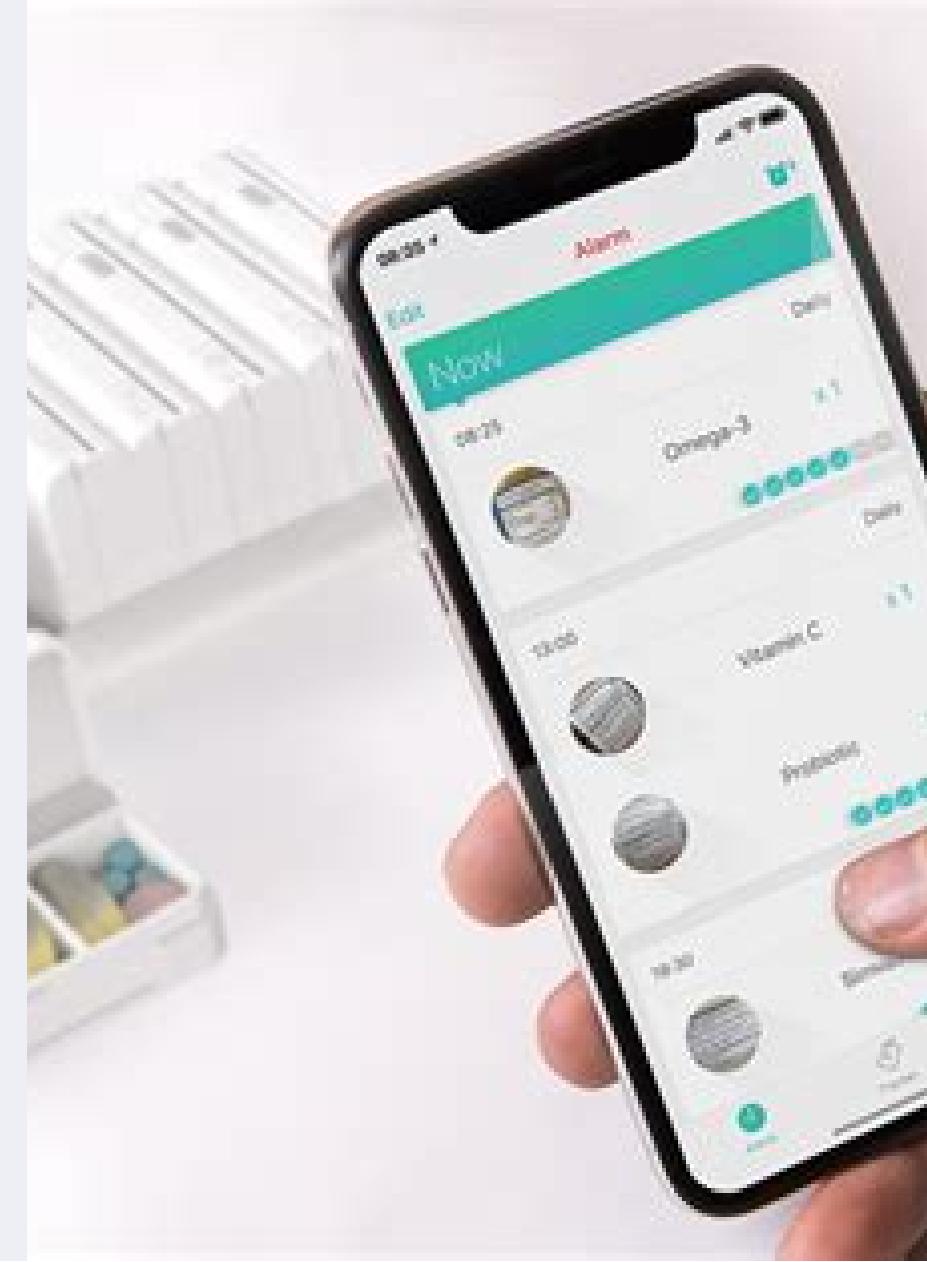


# Smart Medicine Box: Never Miss a Dose Again

If you struggle with keeping track of your medication schedule, this smart medicine box is the solution for you. Using Arduino and Bluetooth technology, this box will notify you when it's time to take your pills.



# How It Works

## Input

The Arduino microcontroller receives data on your medicine schedule from your smartphone via Bluetooth.

## Display

A 16x2 LCD screen displays the name and number of pills to be taken at each scheduled time.

## Alerts

LED indicators light up and a buzzer sounds at the correct times each day to remind you to take your medicine.

## Feedback

The system tracks the last time the box was opened, so you can check on loved ones and ensure they are taking their medication as prescribed.

# Benefits of the Smart Medicine Box



## No More Missed Doses

The box provides timely reminders to take your pills, reducing the risk of missing a dose.

## Peace of Mind

For loved ones taking multiple medications, you can be reassured that they are taking the right pills at the right time.

## User-Friendly

The smartphone interface allows for easy input and monitoring of medication schedules.

## Storage and Organization

The box keeps your pills organized and safely stored while also reminding you when to take them.

# The Impact of Forgetfulness



## Risk of Hospitalization

Missing medication can increase the risk of hospitalization or even worse, lead to serious illness.



## Medication Misuse

Forgetfulness or mismanagement of medication can lead to incorrect doses or timing which can negatively affect your health.



## Confusion and Anxiety

Forgetfulness can lead to confusion and anxiety, making it even harder to remember a medication schedule.



## Decreased Adherence

Missing doses can lead to decreased adherence which can prolong the recovery process and increase healthcare costs.

# PRODUCT GRADE MODEL



Don't let forgetfulness or confusion compromise your health. Get your smart medicine box today.

BLOCK DIAGRAM-

