

# Electronic Medicine Organizer Box with Telegram Bot

## Abstract

This paper demonstrates the Electronic Medicine Compiler Box for the convenience of users or patients, especially for the elderly to take medicine according to the prescribed schedule. When several medications have to be taken at different times, mistakes often occur. This Electronic Medicine Organizer Box is developed using GSM and Arduino Uno modules where the buzzer will sound if the medicine has not been taken at the specified time and it will send a message to the mobile phone when the medicine has been taken. The Telegram bot is also developed to remind users about the cleanliness of the box. The function of this electronic box has been verified and it was found that it works as intended.