# RANCANG BANGUN SISTEM PENGINGAT MINUM OBAT BERBASIS *IOT*

**Dody Septian**
*Program Studi Teknik Komputer, Fakultas Sains dan Teknologi*
*Universitas Teknologi Yogyakarta*
*Jl. Ringroad Utara Jombor Sleman Yogyakarta*
*E-mail: doddy29.d2@gmail.com*

## ABSTRACT

It needs to maintain our body's health. If we do not maintain our body's heath, many diseases will easily infect us. And then we need a considerable amount of money to health the disease. Therefore, handling the risk of late drinking drug requires a drinking medicine reminder tool. It has been researched Designing IoT-based Medicine Drinking Schedule Reminder Tool. The design is based on a NodeMCU Microcontroller and a digital chip clock which gives the real-time signal, buzzer as an alarm, and led as a reminder which medicine will be taken. The result of the drug reminder is placed in a mini-cupboard. The schedule for taking medication that the doctor has given can be input via the web application; after the schedule is set, the data will save the input results and then send them to NodeMCU. When the time for drinking has arrived, the buzzer will sound, the led will turn on following the place for the medicine that has been determined, and the LCD will display the patient's name to be given the drug.

**Keywords**: NodeMCU, Website, Xampp, led, LCD, buzzer