## *ABSTRACT*

*One of the efforts for someone to be declared cured of their illness is to follow all the treatment procedures recommended by the doctor, one of which is taking medicines. However, many patients still forget this due to various factors, including memory factors, primarily older adults, due to the decline in their body's performance as they age. To overcome these problems, the author makes* **A Medication Reminder Dispenser.**

*This system aims to help patients, especially older adults, remember the schedule for taking medicine; they only need to wait until the schedule and the medicine come out. This system uses an infrared proximity sensor as a reference to determine whether the medicine has been consumed or not. This system is connected to the Blynk application, which has several features. One is a camera that aims to allow patients' families to monitor remotely.*

*The test results show that the device can remove the medicine from the storage to the container with an average success rate of 100%. This test also uses QoS testing, where the best quality performance is obtained through 2 scenarios. The first scenario in testing at night with a throughput value of 2 bits / s and packet loss of 0%, the second scenario in the 8th test with the 3 drugs type of pill obtained a delay value of 7.66 s and a jitter value of 2.66 s.*

***Keywords****: Storage, Reminder, Notification, Medicine, Blynk, Camera*