

Medicine Pillbox Reminder Using IoT Sensors

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Abstract: *In recent times IoT (Internet of Things) plays a major role in the daily routine of human life. Majorly this technology is showing its impact on medical applications. As per a report, Health issues become very common for people above the age of 40 and it becomes severe for the elderly population. Sometimes old age people forget to take medicine and also get confused about when to use what type of medicine, which makes them rely on the assistance of others. With the help of IoT, a smart device with RFID (Radio-frequency Identifier), Arduino UNO and NodeMCU is proposed. This not only helps in suggesting the kind of medicine to be taken but also the information is sent to the nearby hospital in case of emergencies. The proposed model achieves an accuracy of 92%, which is very much essential in present days.*

Keywords: Internet of Things (IoT), Arduino UNO, NodeMCU, Smart Device, Medical Field.

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