

## **ABSTRACT**

*The Internet of Things (IoT) is a technology that is busy to be dealt with lately. With these technologies, every device that we have can later connect to the Internet, so it can be controlled remotely with a smartphone. Because of the usability that writers create smart roomfreshener systems. This air freshener system is a design system equipped with a water level sensor as a detection of the air-altitude liquid that is the value for the remaining fluid that will be displayed in Android applications of this system. The air-purifier residual detection system uses a NodeMCU microcontroller as a tool to store the value of integer-type data from the water level sensor and transmit that data to firebase as the data store of this system. The results showed that smartphones could be used to retrieve information about the remaining fluids contained in the air freshener. Smart Fresher successfully created and can function properly.*

**Keyword :**

*lot, Room Freshener, and Android*