

## **Abstract**

*Theft is one form of crime that occurs in many communities. Where to see the current state of society allows people to look for shortcuts by stealing. From mass media and electronic media shows that the frequent occurrence of various types of theft crimes against the background because of insufficient living needs. In addition, many people who forget to lock the door of the house when they want to travel are also one of the factors causing theft inside the house.*

*Along with the times and the increasing economic community, the demand for safe and comfortable housing needs has also increased. The use of the internet that we unwittingly present in everyday life makes us as a society in the cycle of IoE (Internet of Everything). Thus developing an application with the concept of IoT (Internet of Things) is very necessary.*

*This system uses a reed switch sensor as a device that serves to detect the condition of the door whether the door is open or closed. Where the user can control (open or close) the door of his house through an android application that is installed on the smartphone as long as it is still connected to the internet.*

*With this application made, the community will be helped in handling theft. This is obtained from the results of tests that have been carried out in several communities.*

**Keywords:** *android, ioe, iot, theft, reed switch, smartphone*