

Abstract – Technology development is very fast, especially the Internet of Things (IoT) which is increasing, use of IoT to meet the needs of as a security factor such as security of privacy because seen of the many cases of theft at this time especially in settlements. Avoiding theft cases is very important, therefore the use of technology can provide extra security. Smart lock is one of the house control system that gives convenience and high security to the house owner. Smart lock is also an innovation technology that has been created with a variety of components used, one of which is using patterns and RFID that are usually used on hotel doors with the development of the technology we can take advantage from bluetooth to serve as a controller, so it can be connected to a smartphone that has a smart home controller program installed. Based on the results of research on smart lock system devices that use the naïve bayes classification method has the results of classification testing with an accuracy rate of 95.83%.

Keywords : *Smart lock, Bluetooth, RFID, Smartphone, IoT*