

ABSTRACT

Security is something that is very important and needs to be prioritized in everyday life. Because, if a lack of security in a life can lead to several negative impacts that will occur, such as murder, persecution, kidnapping and robbery for those who do not understand the importance of security. Therefore, by creating and forming a security system for each individual both in body defense and property defense.

In this case, the authors took the initiative to create or create a security system with a method of scanning or target detection and attack using ultrasonic sensors which function to detect surrounding objects. If the Buzzer issues a notification in the form of a sound, it indicates that the Ultrasonic sensor has detected the target object and the Servo motor will pull the trigger for the Bow and release an arrow.

Keywords: Bow, Buzzer, Servo Motor, Ultrasonic Sensor