ABSTRACT

In Public, chicken is one of the familiar farm poultry products. There are some things that need to be considered when raising chicken. One of them is farm conditions. Besides that, temperatures, humidity and ammonia concentrations also affect chicken growth. This is quite difficult for farmers to go to farm poultry routinely to keep temperatures, humidity and ammonia concentration in ideal conditions. Therefore, a system needs to be built to help monitoring and controlling poultry farms using Internet of Things(IoT) technology for giving information about temperature, humidity and ammonia concentrations in poultry farms.

Keywords: *Chicken, Farmer, Temperature, Humidity, Ammonia, IoT*