

ABSTRACT

The COVID-19 pandemic that has occurred since 2020 has infected millions of people, one of which is through droplets released by someone infected with the virus to people who are nearby. Therefore, it is necessary to carry out a new habit called social distancing where people must keep their distance from each other, especially in public places such as shopping centers and other public places. Therefore, to ensure social distancing is carried out by the people in public places, a tool is needed to monitor these activities, this study aims to create a social distancing monitoring device using sensors and laser modules, the sensor used is GY-906, this sensor is used to measure temperature someone's body meanwhile laser module to make sure someone is in the right position while queuing. With this research, it is hoped that it will make it easier to monitor social distancing activities to prevent the spread of the COVID-19 virus in a building.

Keywords: COVID-19, virus, social distancing, GY-906