

ABSTRACT

Aldi Abdu Malik (182101039), Mask detection application with face recognition method for employees at PT Kadetech Media Nasional.

During the New Normal period, many business sectors began to reopen their businesses, but with the requirement to maintain the rules of the health protocol in an effort to prevent Covid-19 transmission. The rules include washing hands with soap, always wearing a mask and always keeping a distance with a minimum limit of more than 1 meter. Likewise with companies that require employees to use masks. But with the enactment of New Normal, PT Kadetech Media Nasional has begun to operate again. But sometimes there are still employees who still neglect the obligation to comply with the rules of the health protocol, namely the use of masks. And also added to the lack of security to check before entering the office so that employees are not sterilized before entering the office. So that the writer has a concept for implementing IT systems during a pandemic like this by utilizing Face Recognition as a detector to use masks and IoT as the application of its simulation.

Keywords: Face recognition, Skripsi Covid-19, IoT