**ABSTRACT**

Ongoing Corona virus disease 2019 (Covid19) pandemic, face mask wearing in public could reduce number of COVID-19 infected by minimizing the release of respiratory droplet from infected people. This paper is to study an effective method for face mask detection using a deep learning model created by "Yolov5". Comparative model developed with a different number of epochs: 20, 50, 100, 300 and 500. The experimental results show that the deep learning model created with 300 epochs has the highest performance with an accuracy of 96.5%.