

Report for Artificial Intelligence

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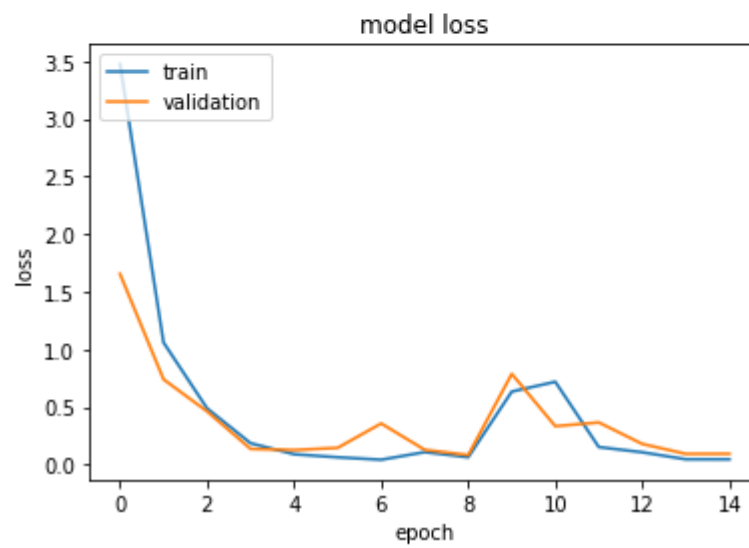
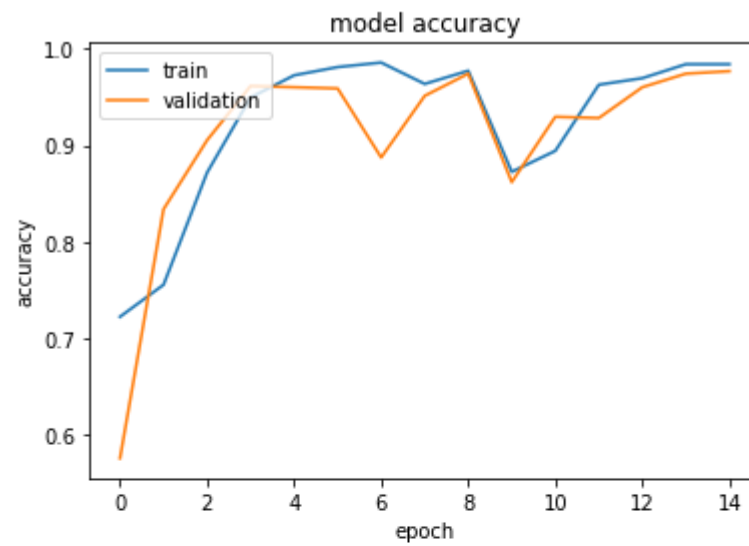
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1 Introduction

Coronavirus disease (COVID-19) has significantly affected the daily life activities of people globally. To prevent the spread of COVID-19, the World Health Organization has recommended people to wear face masks in public places. Manual inspection of people for wearing face masks in public places is a challenging task.

2 Model

3 Program



Accuracy on the Test Set : 0.9859514687100894

4 Conclusion

Future works: Since our model is heavy, also the fine-tuned one, it is possible that not all the device are able to compute it in a reasonable amount of time, In order to develop a program that may be used in a more heterogeneous amount of device we have found other models, thinner than Resnet50, that may be implemented to scan face faster. This model is called MobileN. riferimenti bibliografici ai paper letti

5 Bibliography

TO BE ADDED