

4 Conclusion

Based on the research that has been done by the author, it can be concluded that face recognition can detect faces for the needs of lecturer attendance. Face Recognition does not succeed in detecting faces if there are no images or photos in the image testing data. Face recognition using the convolutional Neural Network algorithm, based on the results of experiments that have been carried out, that the application of the convolutional neural network algorithm can be used to detect and recognize faces for lecturer attendance needs, with sufficient lighting and faces that match the testing data created.

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