

CHAPTER 6

CONCLUSION

In the last chapter, conclude the answer submitted in the problem formulation. From several experiments conducted, it can be concluded that from the level of accuracy produced by the Convolutional Neural Network algorithm is better than the Deep Neural Network algorithm, judging by the differences in architecture and layer used in each algorithm that on Convolutional Neural Network there is a Conv2D layer used to run convolution operations on datasets in the form of images, so that the dataset used on this project can be processed properly and produce maximum accuracy. On Convolutional Neural Network there is also a Dropout layer that serves to prevent overfitting and speed up the learning process so that on the Convolutional Neural Network algorithm the resulting accuracy is higher than the Deep neural Network algorithm.

Next research if you want to develop a speech recognition make sure the selection of algorithms and parameters used because it greatly affects the magnitude of accuracy, and pay attention also in choosing the dataset because with the appropriate dataset, the resulting accuracy will be more maximal. From the results of the experiments conducted, the project compares which accuracy rate is higher than the two algorithms. Furthermore, it can be added not only from the level of accuracy produced but other factors that can be used to support a study to be more comprehensive and detail.