## **PRELIMINARY**

Praise be to the author always give thanks to Allah SWT who has bestowed His grace and guidance so that the author was able to complete his thesis with the title "Surveillance System Scheme using Multi-detection Attribute with Optimized Neural Network Algorithm on Intelligent Transportation System" with pride. This thesis was prepared to fulfill one of the requirements in completing education in the Telecommunication Engineering master program, Faculty of Electrical Engineering, Telkom University.

The author is very aware that this thesis is far from perfect, therefore the author is very open if there are suggestions and criticisms about this thesis for the sake of contribution to science in the future.

In conclusion, the author would like to thank the supervisor who has taken the time and provided guidance and assistance to the author, as well as the incessant prayers offered by the author's parents, and all the help that has been given by various parties. With all humility, the writer hopes that this thesis can be useful for readers and writers in particular, as well as for the world of science in general.

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