

ACKNOWLEDGMENTS

On this occasion, the author would like to express his sincere and sincere gratitude to all parties involved in the work of this Thesis, both directly and indirectly.

1. To Allah S.W.T., for all the blessings and gifts that have been given to the author so that this thesis can be completed with full struggle.
2. My two beloved parents, sister and brother, who gave full support, prayers, and great affection to the author and have waited so long until this thesis is completed.
3. Mr. Dr. Ir. Heroe Wijanto, M.T. as 1st Supervisor and Mr. Dr. Ir. Meiditomo Sutyarjoko, M.Sc. as 2nd Supervisor who patiently provided guidance, time, advice, criticism, suggestions, and motivation to the author so that he could complete this Thesis, Thank you for accepting the author to be a student of your guidance, if not to be a student of your guidance, the author would never have had the opportunity to meet and discuss with great people like you. Thank you very much for being part of such an interesting life journey for the author.
4. All lecturers and employees at the Master of Electrical Engineering at Telkom University. Thank you for all the knowledge provided, and thank you for the administrative support that helped the author complete this thesis
5. My friends at Telkom University, especially Ivy Anindhita, Mba Rizki Hidayati, Agrine Ghina, Aufar, and others cannot be mentioned one by one. Thank you for accompanying the author in all the happiness and difficulties in completing this thesis, and for exchanging ideas to motivate the author in completing this thesis. Not forgetting Dhea Dearly Herman, Salma, and Lita Kurnia, which is always a place for writers to vent both thesis problems and other life problems.
6. Colleagues at the School of Economics and Business, Telkom University, who helped create a work environment that was very supportive of the author in completing this thesis. To be honest, working and continuing my studies at the master's level is a big challenge for the author.