

## ACKNOWLEDGMENTS

The author would like to thank Allah SWT for His blessing so that the author can complete this Thesis. While working on this Thesis, the author is very grateful to those who have helped and supported the author, either directly or indirectly. May Allah repay all the kindness of all those who have helped the author in completing this Thesis. Therefore, the author would like to thank:

1. The writer's family, my dad, my mom, and my brother who always guide, support, and send prayers for the writer.
2. Mr. Prof. Dr. Rendy Munadi as 1<sup>st</sup> Supervisor and Mr. Dr. Nachwan Mufti Adriansyah, S.T., M.T. as 2<sup>nd</sup> Supervisor who has guided, provided suggestions and shared their knowledge with the author.
3. Everyone at Telkom University who has provided useful knowledge for writers during college and assisted writers in fulfilling the requirements to graduate.
4. Extraordinary people, Ichsan Nusobri, Ilham Akbar, Ferialia Fitri, Irfan Fadhullah, Aditia Alamsah, Fadhil Reza, and Andi Fadil who always encourage, take time, give energy, and are very patiently helped the author in completing this Thesis. and other parties that cannot be mentioned one by one