ACKNOWLEDGMENTS

Alhamdulillah, for the gift and permission from Allah, finally, the author was able to complete my research. The author realizes that a lot of help, moral support, prayer, and contributions from various parties both directly and indirectly, when compiling this research.

Therefore, the authors thank to my father, M. Harun, my mother, Wiwin Kusumaningsih, my brothers Faiqh and Achmad, and my future husband, Margans.

Mr. Dr. Ir. Jangkung Raharjo, M.T., and Mr. Dr. Ir. Ashwin Sasongko Sastrosubroto, M.Sc. as my first supervisor and my second supervisor. Thank you very much for the guidance, knowledge, advice, and motivation in completing this research.

I am also grateful to my colleagues and lectures in Regulation and Management and Regulation Telkom University who always give right directions to me.