ACKNOWLEDGMENT

Praise and thankful addressed to the one and only God Almighty, Allah swt, for His grace and merciful that brings me to the perfect condition of health and send me the best of His creatures to support and give a lot of positive energy in order to finish this Final Project so Called Undergraduate-Thesis.

- 1. Dr. Ir. Ratna L. Nugroho, MM, as my advisor who has helped me patiently finishing this final project by giving suggestion, guidance, and correction since the very first advising meeting until this final project has been submitted. Many thanks for your support and belief.
- 2. Jurry Hatammimi, S.E., M.M., Ph.D. and Arien Arianti Gunawan, B.A., M.S.M., M.Phil as the examiner for my final project defense, thank you for you comments, ideas, recommendations for the improvement of my final project.
- 3. Mochamad Yudha Febrianta, ST., MM. As the class teacher in MB-43-INT3 who has provided guidance and support throughout my academic journey and always
- 4. Mr. Ir Wiyono, as my respondents. I really appreciated your help, thanks foryour availability.
- 5. My Parents, Rusmah and Bakhtiar who are always support, pray and give the best for me from the very beginning, during my college study and up until now. I dedicated this for you both.
- 6. My special friends during this colleague Rafi Ali Daffa, Aldelia Arianti, Endah Dwi and Gita Estu Maharani, who always help, support me and made the class become a lot of fun. Thank you for the memories guys! Good luck for you all!
- 7. All students of ICT busines, who cannot be mentioned here one by one.
- 8. For all my brother and sister, for always support me, always help me to finishing this final project especially for Irma Rinanda. Thank you so much sist, it means so much.