

DEDICATED

All praise is to Allah SWT for blessing, the power, and all good fortune that have given to me so that this thesis can be completed. Special thanks for everyone that support now, for all suggestion, contribution, and guidance:

1. My loving family, my mother Sri Yatmi and my father Zil Hardi who always support and pray endlessly for author and last my sister Hidayu Permata Hardi and my brother Firman Alif Mufid. May Allah SWT always bless you all with happiness.
2. Dr. Basuki Rahmat, IR., MT. as my first supervisor who always patiently guiding author in completing this thesis, thanks for the knowledge, the kindness and the prayer.
3. Dr. Ida Wahidah, ST., MT. as second supervisor who always patiently guiding author in completing this thesis, thanks for the knowledge, the kindness and the prayer.
4. Miss Vita as admin Graduate School, thanks for helping.
5. Thanks to all my friends in Pasca Sarjana.
6. And other people who can not mentioned by author one by one.