

DEDICATION

I dedicated this thesis to:

- My endless love Sofyan (alm) and Ibu Siti Husniah for always encouraging and keep believing in me no matter what.
- My family Tuti Herawati and Assyifa Zahira
- My sister Dida Meidiani, Nina and Heni for becoming my cheerleader in this past 3 years.
- My brother Dedi Hermansyah for always supporting me whenever I need him.
- Yussi Perdana for always criticizing me (in a good way) so that I can finish this thesis.
- My very best friends Nasrullah Army, Budi , Wawan, Ajeng, Danika, Rura, Putu, Sophi and Yasser.
- All my friends in Graduate School of Telkom University

Thank you so much, I can't even express how much you guys mean to me.