## **DEDICATION**

This thesis is dedicated to my parent, who taught me the best kind of knowledge and taught me even the largest task can be accomplished if it is done one step at a time. This thesis is also dedicated to my family. I would have never reached the point of finishing my thesis without patience and motivation from my beloved family. Thank you to my wife Ratih Kirana Puspita Sari and both of my daughters Lintang Kirana Larasati and Adisty Jingga Kirana. Thank you so much for always being there for me, in times of when the research was going to plan and being done for your understanding and emotional support.