

## ACKNOWLEDGMENTS

First and foremost, all praises and thanks to god, for his mercy and guidance. It is only because of his blessings that enable me to complete this research work as my bachelor's thesis despite of my flaws, limitations, and uncertainties that I faced due to COVID-19 pandemic. I would like to express my deep and sincere gratitude to my beloved family members: my dad, Mr Ho Khung Phat; my supportive sister, Ci Liana; and my big family. Thank you for the generous support and love they have provided me throughout my entire life, particularly through my journey of pursuing my bachelor's degree in Universitas Esa Unggul and Nanjing Xiaozhuang University.

At this part, I would like to express immeasurable appreciation for the help and support to the following persons who in one way or another have contributed in making this thesis possible:

1. Song Wan Li (宋万里) laoshi, as my thesis advisor who has guided me from the beginning until the completion of the thesis.
2. Wangjing and Sophie Mou 老师, who always take care of the international students in Nanjing Xiaozhuang University, especially the students of Software Engineering.
3. Colleagues, friends, seniors, and juniors when the author was in Nanjing Xiaozhuang University and University of Esa Unggul.
4. Last but not least, to myself who have done his best and those who cannot be mentioned one by one, who have helped and support me to finish this thesis