Acknowledgement

I am really thanks indeed to National Polytechnic Institute of Cambodia and Widyatama University for give a chance to me for this Double degree. As long as the preparation of this task report is not the least of the difficulty I am facing as the author of this report, especially because of the limited ability and also the lack of knowledge that is owned by the author, but thanks to the help and guidance of various parties that all the difficulty facing obstacles faced can be curtailed well. In relation to these matters, it is with all humility to write thanking the honorable:

1) My parent that they always give emotional to me and they always support till graduated.
2) Mr. Ari Purno Wahyu, S.Kom., M.Kom. As a supervising lecturer who has been willing to take the time to guide, examine, and provide guidance in the drafting of this thesis report.
3) Mr. Oktri M. Firdaus, M.T., as the Dean of Faculty of Informatics Engineering Faculty of Engineering Widyatama University Bandung.
4) Mrs. Sriyani Violina, S.T., M.T., As Chairman of Programs Informatics Engineering Faculty of Engineering Widyatama University Bandung.
5) Mr Dhany Indra Gunawan, S.T., thanks for helping to provide direction and information.
6) Colleagues in Informatics Engineering Program Widyatama University Bandung. All parties who have helped both directly and

In conclusion, I hope that this Final Report can be useful and especially for writers, readers and parties in need.

Bandung, August 2017

Author

Chhun Sothea