

PREFACE

All praises of gratitude writer pray to the presence of Allah SWT because of His grace and blessing author can complete the final project with the title “ANALYSIS AND DESIGN NETWORK USING HYBRID TECHNOLOGY BETWEEN MPLS-IP AND MPLS-TE IN PT. XYZ USING NETWORK DEVELOPMENT LIFE CYCLE (NDLC) METHOD”. The purpose of this undergraduate thesis is to fulfill one of the requirements of graduation Bachelor degree of Information System, Faculty of Industrial Engineering, Telkom University.

In this proposal, the author get more guidance, criticism, suggestion, and motivation from the various parties. Therefore, the author would like to thank to:

1. Mr. Avon Budiono, S.T., M.T as the 1st advisor that has provided the author with guidance and assistance associated with the undergraduate thesis.
2. Mr. Umar Yunan K.S.H., S.T., M.T as the 2nd advisor, thank you for the guidance, reference, the shared of knowledge and advice during this undergraduate process.
3. Field advisor that has offered big help with data gathering, the shared of MPLS knowledge and helping simulations during this undergraduate process.
4. Family for being a good listener and for all supports, motivations and advice that make author become better and stronger.
5. Fadhil Muhammad Rizal and Evan Adi Prasetyo as partners in the group of the undergraduate thesis.
6. All the parties that author cannot mention.

The author realize that the writing of this undergraduate thesis is still far from perfection. With all humanity, the author hopes that all the shortcomings that exist in this final project can be used as learning materials for better research in the future.

Bandung, 26 June 2018

Mahardika Nila Kandi

