PREFACE

Alhamdulillahi robbil'alamin. Thanks to Allah SWT, who has been giving us His blessing and merciful so the writer can accomplish the thesis entitled "Performance Evaluation Cross Layer Routing Metric in Protocol Routing OLSR Wifi Wireless Mesh Network". This thesis is presented to meet one of the requirements to obtain Master Degree of Electro-Telecommunication in School of Electrical Engineering, Telkom University, Bandung, Indonesia.

I want to present sincere thanks to everyone who has helped me in this thesis as follow:

- 1. DR. Nachwan Mufti,ST,MT as thesis supervisor I, who has provided guidance and advice during the preparation of this thesis.
- 2. DR.Arfianto Fahmi, ST, MT, as thesis supervisor II, who has provided guidance, encouragement, patient, advice, and suggestion which are very helpful in finishing this thesis.
- All Lecturer and Staff of Telkom Engineering School, in Telkom University, who
 have transferred much knowledge and help to me during study at the Telkom
 University.
- 4. The writer's beloved Parents: Amril Rasyidin and Rismurni. Thank you so much for your prayer, supports, affection, advices, guidance, and help in all my life.
- 5. The writer's beloved Wife and beloved Children: Febrianti Dian Wardhani, Naela Asti Windria, and Nadhifa Artanti Windria. Thank you so much for your prayer, understanding, support, and affection to help in the preparation of this thesis...
- 6. Students Fellow of Electro-Telecommunication Engineering Graduate Program in School of Electrical Engineering, Telkom University, who has always given the spirit to the completion of this thesis.

The writer's realize that writing is far from perfect; therefore, the writer's expects suggestions and constructive criticism in the hope to achieve better results in the future. Finally, may Allah SWT receive all their works and kindness Aamiin YRA.

Bandung, August, 2017

Muhammad Iqbal