

PREFACE

Assalamu'alaikum Wr. Wb.

Praise and gratitude to Allah SWT for His mercy, guidance, and grace, the author was able to finish this thesis on time with the title "**FEASIBILITY STUDY OF 4G LTE-ADVANCED IMPLEMENTATION USING 2100 MHZ FREQUENCY BAND IN URBAN & URBAN DENSE AREAS: CASE STUDY IN CENTRAL JAKARTA & NORTH JAKARTA**". This thesis is one of the requirements for the author to complete his undergraduate education in the electrical-telecommunication engineering study program and obtain a master's degree at the Faculty of Electrical Engineering, Telkom University.

The author realizes that in doing this thesis, there are still many shortcomings, both in planning, simulating, analyzing the results, and writing the books that are still far from perfect. In addition, criticism and suggestions from readers to improve the contents of this thesis in the future. Hopefully, this thesis can be helpful for all of us. With all humility, the author hopes that this thesis can be developed in a better direction and be useful for writers, readers, and the world of education.

Wassalamu'alaikum Wr. Wb.

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