

PREFACE

Alhamdulillah rabbil 'alamin, all praise and gratitude to the writer goes to Allah SWT, with His permission the writer is given the convenience to complete the final graduate thesis with the title "SPREADING FACTOR ANALYSIS IN LORA COMMUNICATION BASED ON MACHINE LEARNING: A COMPARATIVE STUDY OF KNN, RANDOM FOREST, AND DECISION TREE METHODS". This thesis was prepared to fulfil one of the requirements of the Master's degree of Electrical Engineering, at Graduate School, Telkom University.

In completing a thesis, the writer realizes that it is still far from being perfect and that there are many shortcomings. This is because of limited knowledge. Therefore, with humility, the authors expect constructive criticism and suggestions from all parties to improve this thesis. The author hopes that this thesis can be developed so that it is more useful in the field of science.

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Dwi Giovanni