PREFACE

Gratitude to Allah SWT for grace and guidance, the author can complete her final graduate thesis with the title 'Power Allocation Based Long Short Term Memory with Fully Convolutional Network in D2D Multi-cell Underlaying Communication'.

The author's purpose in compiling this final graduate thesis is to fulfill the educational completion requirements of the Master's degree in Electrical Engineering, Graduate School, Telkom University.

The author realizes that this final graduate thesis is far from perfect. Limitations proposed by the author causes it, and the most perfect is the property of Allah SWT. Therefore, to improve this thesis, constructive suggestions and criticsms are expected.

With all humility, the author hope this thesis can be a valid reference and can be developed in a better direction and useful for writers, readers, and the world of education.

Bandung, July 27, 2022

Astri Wulandari