

PREFACE

All praise and gratitude to Allah SWT for His abundance of grace and gifts so that the author can complete the writing of this thesis entitled “**Optimizing Fine-Grained Visual Classification Performance using Modified Internal Ensemble Learning Transformer**”. This thesis is submitted as one of the requirements to obtain a Master’s degree in the Electrical Engineering study program.

The writing of this thesis certainly cannot be separated from the support, guidance, and assistance of various parties. Therefore, the author would like to express his deepest gratitude to the supervisor, colleagues, and family who have provided moral and material support during the process of preparing this thesis.

The author realizes that this thesis is far from perfect and is not free from shortcomings. Therefore, with all humility, the author expects constructive criticism and suggestions from readers for future improvements. I hope that this thesis can provide benefits, especially for readers who are interested in the field of visual classification and machine learning technology, and contribute to the development of science in this field.

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