## APPROVAL PAGE

Approval of the School of Computing of Telkom University

I certify that this thesis satisfies all the requirements as a thesis for the degree of Master Informatics
Date February 2024

(Setyorini, S.T., M.T.)

**Head of Master Informatics** 

This is to certify that we have read this thesis and that in our opinion it is fully adequate, in scope and quality, as a thesis for the degree of Master of Informatics.

Date 15 February 2024

(Prof. ARI MOESRIAMI BARMAWI, Ir., M.Sc., Ph.D.)

Examining Committee Members.

Date 15 February 2024

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(Dr. Dody Qori Utama) (jury's member) :

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