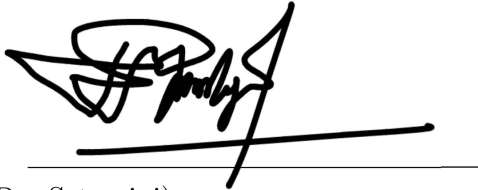


APPROVAL PAGE

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 Sept 18 , 2023 (*the date can be set manually)



(Dr. Setyorini)

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 Sept 18 , 2023




(Dr. Arie Ardiyanti)

Supervisor

Examining Committee Members.

Date Sept 18 , 2023

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(Yanti Rusmawati, Ph.D) (jury's member) :  _____

(Dr. Yuliant Sibaroni) (jury's member) :  _____