

## 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 Oct 05 , 2021 (\*the date can be set manually)

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(.....)

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 Oct 05 , 2021

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(Dr. Bayu Erfianto)  
Supervisor

Examining Committee Members.

Date Oct 05 , 2021

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(Chairperson of the Examiner)  
(Parman Sukarno Ph.D) (Examiners member) : \_\_\_\_\_

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