

### APPROVAL PAGE

Approval of the Graduate School of Telkom University

Date: \_\_\_\_\_

\_\_\_\_\_  
(.....)

Dean of School of Computing, Telkom University

I certify that this thesis satisfies all the requirements as a thesis for the degree of Master Informatics Engineering.

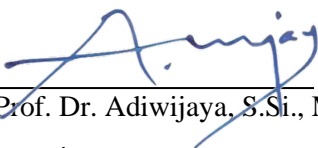
Date: \_\_\_\_\_

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(.....)

Head of Graduated School of Informatics Engineering

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 Engineering.

Date: \_\_\_\_\_

  
\_\_\_\_\_  
( Prof. Dr. Adiwijaya, S.Si., M.Si )  
Supervisor

Date: 10/09/2020

(.....)  
Moch Arif Bijaksana

(Chairperson of the jury)

(.....)  
Arief Fatchul Huda

(Jury's member)

(.....)  
Ade Romadhony

(Jury's member)

  
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