

APPROVAL

Approval of the School of Computing of Telkom University

I certify that this thesis satisfies all the requirement as a thesis for the degree of Master of Computing.

Date: August 27, 2019

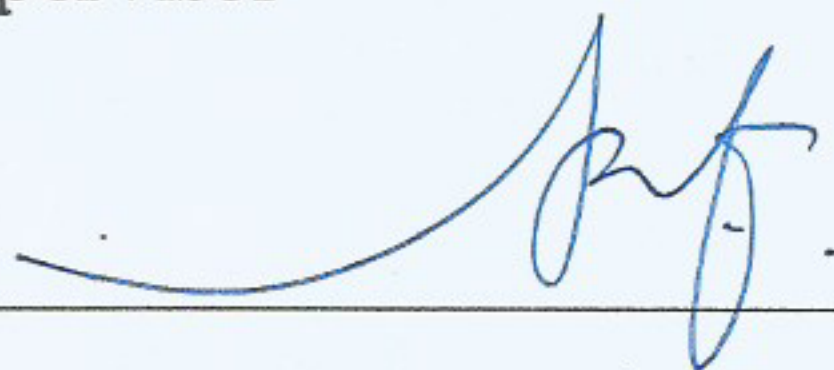
(Parman Sukarno, Ph.D.)
Master of Computing, Chair

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 Computing.

Date: August 27, 2019



(Dr. Arief Fatchul Huda)
Supervisor



(Dr. Arie Ardiyanti)
Co-Supervisor

Examining Committee Members:

Date: August 27, 2019

M. Arif Bijaksana, Ph.D
(Chairperson of the jury)

: 

Dr. Ade Romadhony
(Jury's Member)

: 

Parman Sukarno, Ph.D
(Jury's Member)

: 